Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0442

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0442	WQ	TB31212-01	12C0442-01	3/12/2012		
12C0442	WG	MW-30C-March-2012	12C0442-02	3/12/2012		
12C0442	WG	MW-30D-March-2012	12C0442-03	3/12/2012		
12C0442	WG	MW-47C-March-2012	12C0442-04	3/13/2012		
12C0442	WG	MW-48C-March-2012	12C0442-05	3/13/2012		
12C0442	WG	MW-32C-March-2012	12C0442-06	3/13/2012		
12C0442	WG	MW-32C-March-20121	12C0442-07	3/13/2012		
12C0442	WG	MW-45D-March-2012	12C0442-08	3/13/12		
12C0442	WG	MW-37D-March-2012	12C0442-09	3/14/2012		
12C0442	WG	MW-37C-March-2012 MS/MSD	12C0442-10	3/14/2012	MS/MSD	MW-37C-March-2012
12C0442	WG	MW-28D-March-2012	12C0442-13	3/14/2012		
12C0442	WG	MW-28C-March-2012	12C0442-14	3/14/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – MS/MSD and field duplicate included in this SDG. (MW-32C-March-20121 is field duplicate of MW-32C-March-2012). Trip blank included in this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No sample results are qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – Several compounds were out of QC criteria, sample MW-37C-March-2012 is qualified as noted on Table 4.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, data is qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – tert-Butyl Alcohol, Chloromethane, Dichlorodifluoromethane, 1,4-Dioxane, and Naphthalene had %D >20.5, results are qualified "J" as estimated in all samples.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions, is only one reportable result by flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, MS/MSD recovery, and LCS recovery and RPD.

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 8, 2012	Completed by: B. Kroon

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048211-MS1	Bromomethane	SW8260	57.4	70	130	1	J/UJ
B048211-MS1	Tetrachloroethylene	SW8260	207	70	130	1	J hits only
B048211-MS1	Trichloroethylene	SW8260	137	70	130	1	J hits only
B048211-MSD1	Trans-1,3-Dichloropropene	SW8260	131	70	130	1	J hits only
B048211-MSD1	1,4-Dioxane	SW8260	136	70	130	1	J hits only
B048211-MSD1	Tetrachloroethylene	SW8260	146	70	130	1	J hits only
B048211-MSD1	Trichloroethylene	SW8260	142	70	130	1	J hits only

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048211-BS1	Bromomethane	SW8260	30.6	40	160	12	J/UJ
B048211-BS1	1,4-Dioxane	SW8260	131	40	130	0	J hits only
B048211-BSD1	1,4-Dioxane	SW8260	132	40	130	0	J hits only

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Samp Qual
B048211-BSD1	Bromomethane	SW8260	35.7	25	12	J/UJ
B048211-BSD1	Tetrahydrofuran	SW8260	25.3	25	12	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results

Analyte	Unit	PQL	MW-32C-March-2012	MW-32C-March-2012 1	RPD	RPD Rating	Qualifier
1,2-Dichlorobenzene	ug/L	0.06	2.3	2.1	9.1	Good	None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group

TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0539

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0539	WQ	TB31512-02	12C0539-01	3/15/2012		
12C0539	WG	PW-1-CH0-March 2012	12C0539-02	3/15/2012		
12C0539	WG	PW-1-CH6-March 2012	12C0539-03	3/15/2012		
12C0539	WG	PW-3-CH2-March 2012	12C0539-04	3/15/2012		
12C0539	WG	PW-3-CH0-March 2012	12C0539-05	3/15/2012		
12C0539	WG	PW-3-CH5-March 2012	12C0539-06	3/15/2012		
12C0539	WG	PW-4-CH5-March 2012	12C0539-07	3/15/2012		
12C0539	WG	PW-4-CH0-March 2012	12C0539-08	3/15/2012		
12C0539	WG	PW6-CH5-March 2012	12C0539-09	3/15/2012		
12C0539	WG	PW-6-CH3-March 2012	12C0539-10	3/15/2012		
12C0539	WG	PW-6-CH0-March 2012	12C0539-11	3/15/2012		
12C0539	WG	PW-6-CH4-March 2012	12C0539-12	3/15/2012		
12C0539	WG	PW-9-CH4-March 2012	12C0539-13	3/15/2012		
12C0539	WG	PW-9-CH01-March 2012	12C0539-14	3/15/2012		PW-9-CH1-March 2012
12C0539	WG	EPA-MW4A-March 2012	12C0539-15	3/16/2012		
12C0539	WG	EPA-MW-5A-March 2012	12C0539-16	3/16/2012		EPA-MW5A-March 2012
12C0539	WG	EPA-MW5B-March 2012	12C0539-17	3/16/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only	Yes – Trip blank included in this SDG, no field duplicate or MS/MSD included in this SDG, project QC is correct.

Equipment Blank - 1/ set of samples per day?	
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – no MS/MSD submitted for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, all recoveries were high only detections are qualified "J" as estimated, samples are qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Is continuing calibration for target compounds < 20.5%D.	No – Bromomethane, 1,4-Dioxane, Naphthalene, and 1,2,3-Trichlorobenzene were >25% D for batch B048283 associated samples with this batch are qualified "J" as estimated for these compounds. Bromoform, Bromomethane, tert-Butyl Alcohol, Carbon Disulfide, Chloromethane, trans-1,4-Dichloro-2-butene, and Dichlorodifluoromethane were >25% D for Batch B048557, associated sample in this batch is qualified "J" as estimated for these compounds.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV recovery, and LCS recovery

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048283-BSD1	Bromoform	SW8260	138	70	130	0	None
B048283-BSD1	Trans-1,3-Dichloropropene	SW8260	141	70	130	0	None
B048283-BSD1	Tetrachloroethylene	SW8260	133	70	130	10	J hits only
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	0	None
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	0	None

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Sample Qualifier
B048283-BSD1	Bromomethane	SW8260	37.5	25	16	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

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- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0572

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
12C0572	WG	MW-27-March 2012	12C0572-01	3/19/2012		MW-27C-March 2012
12C0572	WQ	TB31912-03	12C0572-02	3/19/2012		
12C0572	WG	PW-8-CH4-March 2012	12C0572-03	3/19/2012	MS/MSD	
12C0572	WG	PW-8-CH0-March 2012	12C0572-04	3/19/2012		
12C0572	WG	PW-8-CH0-March-2012 2	12C0572-05	3/19/2012		PW-9-CH0-March 2012 2
12C0572	WG	PW-11-CH4-March-2012	12C0572-06	3/19/2012		PW-11-CH4-March 2012
12C0572	WG	PW-11-CH0-March-2012	12C0572-07	3/19/2012		PW-11-CH0-March 2012
12C0572	WG	P2-14-March-2012	12C0572-08	3/19/2012		PZ-14-March 2012
12C0572	WQ	RB-12319	12C0572-09	3/19/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – MS/MSD and field duplicate included in this SDG. (PW-8-CH0-March 2012 2 is field duplicate of PW-8-CH0-March 2012). Rinsate blank RB-12319 included in this SDG applies to all MW samples collected on and prior to 3/19/2012. Trip blank TB31912-03 included in this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	None
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No – Several compounds were out of QC criteria, sample PW-8-CH4-March 2012 is qualified as noted on Table 4.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Dichlorodifluoromethane was recovered high, no detections in associated samples, no qualification of the data is necessary.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, tert-Butyl Alcohol, Carbon Disulfide, Chloromethane, trans-1,4-Dichloro-2-Butene, and Dichlorodifluoromethane had %D >20.5, results for batch B048557 qualified "J" as estimated for these compounds.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	Yes
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA- No metals detected in parent or field duplicate sample.

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result by flagged?	Yes – Multiple samples were diluted due to high concentration of target analytes, analytes are reportable as noted on Table 6.
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, MS/MSD Recovery

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 9, 2012	Completed by: B. Kroon

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-MS1	Chloromethane	SW8260	142	70	130	1	None
B048557-MS1	Dichlorodifluoromethane	SW8260	185	70	130	1	None
B048557-MSD1	Chloromethane	SW8260	147	70	130	1	None
B048557-MSD1	Trans-1,4-Dichloro-2-butene	SW8260	64.0	70	130	1	UJ
B048557-MSD1	Dichlorodifluoromethane	SW8260	178	70	130	1	None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	0	None
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	0	None

Table 6 –Samples that were Reanalyzed

Sample ID	Laboratory ID	Method	Reportable
PW-8-CH0-March 2012 2	12C0572-05	D-516-90	Reportable for dilution result only
PW-8-CH4-March 2012	12C0572-03	SM3500-FE-D	Reportable for dilution result only

Table 7 – Summary of Field Duplicate Results

Analyte	Unit	PQL	PW-8-CH0-MARCH 2012	PW-8-CH0-MARCH 2012 2	RPD	RPD Rating	Qualifier
CIS-1,20DICHLOROETHYLENE	ug/L	0.05	3.4	3.6	5.7	Good	None
TETRACHLOROETHYLENE	ug/L	0.14	18	18	0.0	Good	None
TRICHLOROETHYLENE	ug/L	0.12	3.1	3.3	6.2	Good	None
NITROGEN, NITRATE (AS N)	mg/L	0.036	2.6	2.6	0.0	Good	None
SULFATE (AS SO4)	mg/L	1.4	40	30	28.6	Good	None
TOTAL ORGANIC CARBON	mg/L	0.57	1.2	1.1	8.7	Good	None

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol
COC = chain of custody
DUSR = data usability summary report
GC/MS = gas chromatography / mass spectrometry
LCS = laboratory control sample
MBLK = method blank
MS = matrix spike
MSD = matrix spike duplicate
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit
QA = quality assurance

QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 14, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0620

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/ MSD	ID Corrections
12C0620	WQ	TB32012-04	12C0620-01	3/20/2012		
12C0620	WG	MW-31D-March 2012	12C0620-02	3/20/2012		
12C0620	WG	MW-31C-March 2012	12C0620-03	3/20/2012		
12C0620	WG	MW-31B-March 2012	12C0620-04	3/20/2012		
12C0620	WG	MW-46D-March 2012	12C0620-05	3/20/2012		
12C0620	WG	MW-46C-March 2012	12C0620-06	3/20/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank included in this SDG, no MS/MSD or field duplicate included in this SDG however project QC goals have been met. Laboratory used several samples as batch QC MS/MSD for general chemistry parameters.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)

- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No Dichlorodifluoromethane was out of QC criteria, recovery was high, only detections of this compound in associated samples qualified as estimated "J".
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, Carbon Disulfide, Chloromethane, Dichlorodifluoromethane, and trans-1,4-Dichloro-2-butene had %D >20.5, results for samples in batch B048557 qualified "J" as estimated.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 14, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No.
For samples, if results are <5 times the blank then "U" flag data.	Samples are flagged U as noted on Table 2a for method blanks and Table 2b for field blanks.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	NA
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	Yes – no detections in either duplicate or parent samples.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, and LCS Recovery.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048557-BS1	Dichlorodifluoromethane	SW8260	184	40	160	3	J flag hits
B048557-BSD1	Dichlorodifluoromethane	SW8260	167	40	160	3	J flag hits

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A = original analyte
ASP = Analytical Services Protocol

COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 15, 2012	Completed by: B. Kroon

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
Farmingdale Cleaners	12C0706

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/ MSD	ID Corrections
12C0706	WQ	TB12321-04	12C0706-01	3/21/2012		
12C0706	WG	DEC-MW3-March 2012	12C0706-02	3/21/2012		
12C0706	WG	MW22A-March 2012	12C0706-03	3/21/2012		MW-22A-March 2012
12C0706	WQ	RB12321	12C0706-04	3/21/2012		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Trip blank included in this SDG. Equipment rinsate blank included in this SDG applies to samples collected on 3-20-2012 and 3-21-2012 for all parameters. No MS/MSD or field duplicate included in this SDG, project QC goals have been met. Laboratory used extra sample volume for batch MS/MSD for MNA parameters.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provided summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)

- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
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Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	None
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	NA
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Several compounds were out of QC criteria, all associated samples with batch B048653 are qualified as noted on Table 5.
Do internal standards areas and retention time meet criteria? If not was sample re-analyzed to establish matrix (see Table 6)?	Yes
Is initial calibration for target compounds <15 %RSD or curve fit?	Yes
Is continuing calibration for target compounds < 20.5%D.	No – Bromoform, Bromomethane, 1,4-Dioxane, 2-Hexanone, and Methylene Chloride had %D >20.5, results associated with batch B048653 qualified "J" as estimated.
Were any samples reanalyzed or diluted (see Table 6)? For any sample reanalysis or dilutions, is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	NA

Data Usability Summary Report	Project: Farmingdale Cleaners
Date Completed: May 15, 2012	Completed by: B. Kroon

Metals by ICP and Mercury by CVAA	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No.
For samples, if results are <5 times the blank then "U" flag data.	No results qualified.
Laboratory QC frequency one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount. All N flagged data for MS are flagged J as estimated.	Yes
Were elements recovered ≤30%? If so, "R" flag associated NDs on Form 1's.	No
LCS within QC criteria (see Table 5)? If out, and the recovery high with no positive values, then no data qualification is required.	Yes
Is there one serial dilution per 20 samples? Flag all data reported with an "E" as "J".	NA
Spot check ICS recoveries 80-120%. Contact lab.	All are acceptable.
Spot check ICV 95-105%. Contact lab.	All are acceptable.
Spot check CCV 90-110% or 80-120% for Hg. Contact lab.	All are acceptable.
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

General Analytical Methods	
Description	**Notes and Qualifiers**
Any compounds present in method and field blanks as noted on Table 2?	No
For samples, if results are <5 times the blank then "U" flag data.	None
Is laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? QC limits are not applicable to sample results greater than 4 times spike amount.	Yes
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	Yes
Do field duplicate results show good precision for all compounds (see Table 7)?	NA

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Results qualified based on CCV %D, and LCS recovery.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Sample ID	Analyte	Method	Rec.	Low Limit	High Limit	No. of Affected Samples	Sample Qualifier
B048653-BS1	Trans-1,4-Dichloro-2-butene	SW8260	66.0	70	130	4	J/UJ
B048653-BS1	2-Hexanone	SW8260	20.5	70	160	4	J/UJ
B048653-BSD1	2-Hexanone	SW8260	47.0	70	160	4	J/UJ

Sample ID	Analyte	Method	RPD	RPD Limit	No. of Affected Samples	Sample Qualifier
B048653-BSD1	Tert-Butyl Alcohol	SW8260	38.5	25	4	J/UJ
B048653-BSD1	2-Hexanone	SW8260	78.6	25	4	J/UJ
B048653-BSD1	Naphthalene	SW8260	26.3	25	4	J/UJ
B048653-BSD1	Tetrahydrofuran	SW8260	29.5	25	4	J/UJ
B048653-BSD1	1,2,3-Trichlorobenzene	SW8260	25.2	25	4	J/UJ

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
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LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

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Client: Richard Watt
Ecology & Environment Inc.
368 Pleasant View Drive
Lancaster, NY 14086

Phone: 716-684-8060

Fax:

Identifier: 045JC **Date Rec:** 03/20/2012 **Report Date:** 03/23/2012

Client Project #: EN-002699-025-06 **Client Project Name:** Farmingdale

Purchase Order #:

Analysis Requested: CENSUS

Reviewed By:



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MICROBIAL INSIGHTS, INC.

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CENSUS

Client: **Ecology & Environment Inc.**
Project: Farmingdale

MI Project Number: **045JC**
Date Received: 03/20/2012

Sample Information

Client Sample ID:		**PW-08-CH0-Mar 2012**	**PW-08-CH0-Mar201201**	**PW-08-CH4-Mar2012**	**MW-27C-Mar2012**	**PZ-14-Mar2012**
Sample Date:		03/19/2012	03/19/2012	03/19/2012	03/19/2012	03/19/2012
Units:		cells/mL	cells/mL	cells/mL	cells/mL	cells/mL
Analyst:		RW	RW	RW	RW	RW
Dechlorinating Bacteria						
Dehalococcoides spp.	*DHC*	**3.00E-01 (J)**	**4.00E-01 (J)**	**7.70E+00**	**6.00E-01**	**2.42E+02**

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

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CENSUS

Client: **Ecology & Environment Inc.**
Project: Farmingdale

MI Project Number: **045JC**
Date Received: 03/20/2012

Sample Information

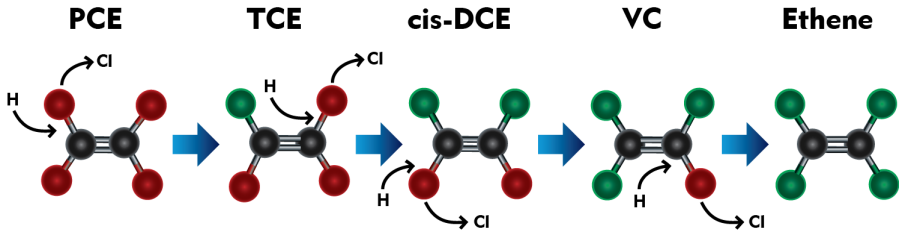
Client Sample ID:		**MW31D-March2012**	**MW31C-March 2012**	**MW31B-March 2012**	**MW46D-March 2012**	**MW46C-March 2012**
Sample Date:		03/20/2012	03/20/2012	03/20/2012	03/20/2012	03/20/2012
Units:		cells/mL	cells/mL	cells/mL	cells/mL	cells/mL
Analyst:		RW	RW	RW	RW	RW
Dechlorinating Bacteria						
Dehalococcoides spp.	*DHC*	**2.32E+01**	<5.00E-01	**2.75E+01**	**1.00E+00**	**4.20E+00**

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

DHC Interpretation

Dehalococcoides 16S rRNA gene (qDHC)

Under anaerobic conditions, tetrachloroethene (PCE) and trichloroethene (TCE) can undergo sequential reductive dechlorination through the daughter products *cis*-dichloroethene (*cis*-DCE) and vinyl chloride to nontoxic ethene (1,2).



While a number of bacterial cultures capable of utilizing PCE and TCE as growth supporting electron acceptors have been isolated (3-7), *Dehalococcoides* spp. may be the most important because they are the only bacterial group that has been isolated to date which is capable of complete reductive dechlorination of PCE to ethene (8). In fact, the presence of *Dehalococcoides* spp. has been associated with complete dechlorination to ethene at sites across North America and Europe (9).

Status	*Dehalococcoides spp.*	Observation
	**≥ 10^4** (cells/mL)	Lu et al. proposed that a concentration of 1 x 10^4 DHC cells/mL could be used as a screening criterion to identify sites where reductive dechlorination will yield a generally useful biodegradation rate (10). Similarly, in an internal study conducted with nearly 1000 groundwater samples obtained from sites across the US, ethene production was observed in approximately 80% of samples in which CENSUS® qDHC results were greater than or equal to 10^4 DHC cells/mL.
	**10^1 to < 10^4** (cells/mL)	When vinyl chloride reductase genes (See DHC functional genes discussion below) are also detected, complete reductive dechlorination of PCE and TCE to ethene may still occur even with moderate DHC concentrations. When the DHC population is below the 10^4 cells/mL criterion proposed by Lu et al. (10), project managers should carefully consider other site-specific data to determine whether subsurface conditions may be limiting reductive dechlorination. For example, the addition of an electron donor may be able to stimulate DHC growth and enhance anaerobic bioremediation.
	**< 10^1** (cells/mL)	DHC concentrations are low suggesting that complete reductive dechlorination of PCE and TCE to ethene is unlikely to occur under existing conditions. Enhanced anaerobic bioremediation options (biostimulation or bioaugmentation) may need to be considered.

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DHC Functional Genes (*tce*A, *bvc*A, *vcr*A)

A "stall" where daughter products *cis*-DCE and vinyl chloride accumulate can occur at PCE- and TCE-impacted sites especially under MNA conditions. The accumulation of vinyl chloride, generally considered more carcinogenic than the parent compounds, is particularly problematic. Although elevated *Dehalococcoides* concentrations correspond to ethene production in numerous studies, the range of chlorinated ethenes metabolized and cometabolized varies among species and strains within the *Dehalococcoides* genus. For example, *Dehalococcoides ethenogenes* str. 195 metabolizes PCE, TCE, and *cis*-DCE and cometabolizes vinyl chloride (8) to produce ethene. Conversely, *Dehalococcoides* sp. CBDB1 utilizes PCE and TCE but does not cometabolize additional chloroethenes (11). Other *Dehalococcoides* strains, such as BAV1, GT and VS, are known to fully dechlorinate cis-DCE and VC to ethene (14,16,19). Quantification of reductive dehalogenase genes is used to more definitively confirm the potential for reductive dechlorination of TCE, cis-DCE, and vinyl chloride (12-15).

Functional Gene	Observation
TCE Reductase	
***tce*A gene**	The *tce*A gene encodes the enzyme responsible for reductive dechlorination of TCE to *cis*-DCE in some strains of *Dehalococcoides*. Absence of *tce*A does not preclude the potential for reductive dechlorination of TCE in the field since the *tce*A gene is not universally distributed among all DHC and is not present in other microorganisms capable of reductive dechlorination of TCE (e.g. *Dehalobacter*). Detection of the *tce*A gene provides an additional line of evidence indicating the potential for dechlorination of TCE.
Vinyl Chloride Reductase	
***bvc*A gene**	The *bvc*A gene encodes the vinyl chloride reductase enzyme responsible for reductive dechlorination of vinyl chloride to ethene by *Dehalococcoides* sp. str. BAV1 (16). Presence of *bvc*A gene indicates the potential for reductive dechlorination of VC to ethene. Absence of both *bvc*A and *vcr*A genes suggests VC may accumulate. An internal study with ~1,000 samples showed ethene production was observed in 80% of the samples that the DHC population was greater than or equal to 10^4 cells/mL. The *bvc*A gene was detected in over 50% of these samples. Van Der Zaan et al (17) noted that the bvcA gene was the only VC reductase gene detected at three of their sites. Alfred Spormann's laboratory at Stanford University (18) reported that the *bvc*A gene was the most abundant and active at the outflow of a PCE fed column study. This section of the column was in the DCE to VC stages of reductive dechlorination thus confirming the importance of the *bvc*A gene for complete reductive dechlorination.
***vcr*A gene**	The *vcr*A gene encodes the vinyl chloride reductase enzyme responsible for reductive dechlorination of *cis*-DCE and vinyl chloride by *Dehalococcoides* sp. strain VS (14). Presence of *vcr*A gene indicates the potential for reductive dechlorination of DCE and/or VC to ethene. Absence of both *bvc*A and *vcr*A genes suggest VC may accumulate. As with the *bvc*A gene, detection of the *vcr*A gene is associated with ethene production in internal studies (67%) and vinyl chloride reduction in independent studies (14, 17).

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Reporting

Microbial Insights can provide a variety of data packages and reporting levels to suit the needs of any project. Data packages range from simple analytical reports with results only to more complex data packages that include a report narrative, analytical results, QC data, and supporting materials including all raw data and chain-of-custody documentation. The figure below shows our standard report and explains the way values are reported.

Microbial Insights, Inc.

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CENSUS

Client: Company Name
Project: Your Project Name

MI Project Number: Unique Laboratory Identifier
Date Received: Date Samples Arrived

Sample Information

Client Sample ID:		Sample A	Sample B	Sample C
Sample Date:		00/00/0000	00/00/0000	00/00/0000
Units:		cells/mL	cells/mL	cells/mL
Analyst:		Intials	Intials	Intials
Dechlorinating Bacteria				
Dehalococcoides spp.	DHC	**1.84E+05**	**2.76E+02**	**2.28E+01 (J)**
Functional Genes				
tceA Reductase	TCE	**6.00E+01**	**3.23E+01**	<4.00E-01
bvcA Reductase	BVC	**1.17E+04**	**1.81E+01**	<4.00E-01
vcrA Reducatase	VCR	**8.42E+04**	**1.74E+02**	<4.00E-01

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

"J" value
Result is an estimated value. This data qualifier (flag) is used when the target gene is detected but at a concentration or abundance below the practical quantification limit (PQL).

< value
The target gene was not detected at the limit of quantitation (LOQ) reported for that sample.

"I" value
QA Procedure indicated that the sample may have exhibited PCR inhibition. Although relatively rare, PCR inhibition can occur due to the presence of metals or humic acids at high concentrations in the sample.

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Quality Assurance

Microbial Insights' comprehensive Quality Assurance (QA) Program is the foundation of all laboratory analyses, ensuring that our clients receive high-quality analytical services that are timely, reliable, and meet their intended purpose in a cost effective manner. MI is committed to providing quality data that surpasses regulatory and industry standards, thus enabling the client to make well-informed decisions. MI maintains strict standard operating procedures and QA/QC measures throughout all of the analyses offered. The following Table details specific QA/QC procedures that are used for CENSUS.

QA/QC	Description
Date of Extraction	DNA and RNA extractions are performed the day the samples are received by MI to minimize the possibility of any changes to the microbial community prior to analysis.
Laboratory Method Blanks	An extraction blank (no sample added) is processed alongside each set of field samples from DNA extraction through CENSUS® analysis to ensure that cross contamination has not occurred. Although MI has never experienced this issue, the detection of the CENSUS® target (e.g. *Dehalococcoides*) in an extraction blank is direct evidence of cross contamination with a sample or contamination of a reagent and would invalidate the results. If this were to occur, MI would re-extract the sample. If not possible to re-extract, MI would contact the client immediately and notate it on the laboratory report.
Laboratory Control Samples (LCS)	A laboratory control sample (LCS) or positive control (target DNA) is included with each CENSUS® plate to confirm amplification and as a continuing calibration check.
Negative Controls	A negative control (no DNA) is included with each CENSUS plate to ensure that cross contamination has not occurred during amplification. As with the extraction blank, detection of CENSUS target (e.g. DHC) in a negative control is direct evidence of contamination and would invalidate the results. If this were to occur, MI would rerun the analysis.

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Data Package

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ANALYTICAL LABORATORY

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March 22, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: EN.002699.0025.06
Laboratory Work Order Number: 12C0442

Enclosed are results of analyses for samples received by the laboratory on March 15, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Charles W. Balicki
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/22/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0442

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB31212-01	12C0442-01	Trip Blank Water		SW-846 8260C	
MW-30C-March-2012	12C0442-02	Ground Water		SW-846 8260C	
MW-30D-March-2012	12C0442-03	Ground Water		SW-846 8260C	
MW-47C-March-2012	12C0442-04	Ground Water		SW-846 8260C	
MW-48C-March-2012	12C0442-05	Ground Water		SW-846 8260C	
MW-32C-March-2012	12C0442-06	Ground Water		SW-846 8260C	
MW-32C-March-2012 1	12C0442-07	Ground Water		SW-846 8260C	
MW-45D-March-2012	12C0442-08	Ground Water		SW-846 8260C	
MW-37D-March-2012	12C0442-09	Ground Water		SW-846 8260C	
MW-37C-March-2012 MS/MSD	12C0442-10	Ground Water		SW-846 8260C	
MW-28D-March-2012	12C0442-11	Ground Water		SW-846 8260C	
MW-28C-March-2012	12C0442-12	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,4-Dioxane

B048211-BS1, B048211-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

B048211-BS1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Tetrachloroethylene, Trichloroethylene

B048211-MS1, B048211-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane

12C0442-10[MW-37C-March-2012 MS/MSD], B048211-MS1, B048211-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

Bromomethane, trans-1,3-Dichloropropene

B048211-MS1, B048211-MSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Bromomethane, Tetrahydrofuran

12C0442-01[TB31212-01], 12C0442-02[MW-30C-March-2012], 12C0442-03[MW-30D-March-2012], 12C0442-04[MW-47C-March-2012], 12C0442-05[MW-48C-March-2012], 12C0442-06[MW-32C-March-2012], 12C0442-07[MW-32C-March-2012 1], 12C0442-08[MW-45D-March-2012], 12C0442-09[MW-37D-March-2012], 12C0442-10[MW-37C-March-2012 MS/MSD], 12C0442-11[MW-28D-March-2012], 12C0442-12[MW-28C-March-2012], B048211-BLK1, B048211-BS1, B048211-BSD1, B048211-MS1, B048211-MSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromochloromethane, Chloromethane, Dichlorodifluoromethane (Freon 12), Naphthalene

12C0442-01[TB31212-01], 12C0442-02[MW-30C-March-2012], 12C0442-03[MW-30D-March-2012], 12C0442-04[MW-47C-March-2012], 12C0442-05[MW-48C-March-2012], 12C0442-06[MW-32C-March-2012], 12C0442-07[MW-32C-March-2012 1], 12C0442-08[MW-45D-March-2012], 12C0442-09[MW-37D-March-2012], 12C0442-10[MW-37C-March-2012 MS/MSD], 12C0442-11[MW-28D-March-2012], 12C0442-12[MW-28C-March-2012], B048211-BLK1, B048211-BS1, B048211-BSD1, B048211-MS1, B048211-MSD1

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Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

12C0442-01[TB31212-01], 12C0442-02[MW-30C-March-2012], 12C0442-03[MW-30D-March-2012], 12C0442-04[MW-47C-March-2012], 12C0442-05[MW-48C-March-2012], 12C0442-06[MW-32C-March-2012], 12C0442-07[MW-32C-March-2012 1], 12C0442-08[MW-45D-March-2012], 12C0442-09[MW-37D-March-2012], 12C0442-10[MW-37C-March-2012 MS/MSD], 12C0442-11[MW-28D-March-2012], 12C0442-12[MW-28C-March-2012], B048211-BLK1, B048211-BS1, B048211-BSD1, B048211-MS1, B048211-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

B048211-BS1, B048211-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: TB31212-01 | Sampled: 3/12/2012 07:30

Sample ID: 12C0442-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: TB31212-01 | Sampled: 3/12/2012 07:30

Sample ID: 12C0442-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	88.0	70-130		3/20/12	9:01
Toluene-d8	103	70-130		3/20/12	9:01
4-Bromofluorobenzene	98.1	70-130		3/20/12	9:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-30C-March-2012 | Sampled: 3/12/2012 15:22

Sample ID: 12C0442-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2-Dichlorobenzene	1.1	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-30C-March-2012 | Sampled: 3/12/2012 15:22

Sample ID: 12C0442-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 9:32	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.3	70-130		3/20/12 9:32
Toluene-d8	99.5	70-130		3/20/12 9:32
4-Bromofluorobenzene	98.5	70-130		3/20/12 9:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-30D-March-2012 | Sampled: 3/12/2012 17:17

Sample ID: 12C0442-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-30D-March-2012 | Sampled: 3/12/2012 17:17

Sample ID: 12C0442-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:02	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.6	70-130		3/20/12 10:02
Toluene-d8	97.4	70-130		3/20/12 10:02
4-Bromofluorobenzene	98.9	70-130		3/20/12 10:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-47C-March-2012 | Sampled: 3/13/2012 09:44

Sample ID: 12C0442-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Dichlorodifluoromethane (Freon 12)	9.3	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-47C-March-2012 | Sampled: 3/13/2012 09:44

Sample ID: 12C0442-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 10:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.2	70-130		3/20/12 10:34
Toluene-d8	99.8	70-130		3/20/12 10:34
4-Bromofluorobenzene	96.8	70-130		3/20/12 10:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-48C-March-2012 | Sampled: 3/13/2012 12:32

Sample ID: 12C0442-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2-Dichlorobenzene	16	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,4-Dichlorobenzene	1.9	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-48C-March-2012 | Sampled: 3/13/2012 12:32

Sample ID: 12C0442-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Methyl tert-Butyl Ether (MTBE)	1.3	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Tetrachloroethylene	34	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Trichloroethylene	4.7	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.5	70-130		3/20/12 11:04
Toluene-d8	101	70-130		3/20/12 11:04
4-Bromofluorobenzene	98.4	70-130		3/20/12 11:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-32C-March-2012 | Sampled: 3/13/2012 15:04

Sample ID: 12C0442-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2-Dichlorobenzene	2.3	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-32C-March-2012 | Sampled: 3/13/2012 15:04

Sample ID: 12C0442-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 11:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.2	70-130		3/20/12 11:34
Toluene-d8	101	70-130		3/20/12 11:34
4-Bromofluorobenzene	101	70-130		3/20/12 11:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-32C-March-2012 1 | Sampled: 3/13/2012 15:04

Sample ID: 12C0442-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2-Dichlorobenzene	2.1	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-32C-March-2012 1 | Sampled: 3/13/2012 15:04

Sample ID: 12C0442-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.5	70-130		3/20/12 13:04
Toluene-d8	99.9	70-130		3/20/12 13:04
4-Bromofluorobenzene	99.4	70-130		3/20/12 13:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-45D-March-2012 | Sampled: 3/13/2012 16:56

Sample ID: 12C0442-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1-Dichloroethane	1.4	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-45D-March-2012 | Sampled: 3/13/2012 16:56

Sample ID: 12C0442-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 13:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.3	70-130		3/20/12 13:34
Toluene-d8	101	70-130		3/20/12 13:34
4-Bromofluorobenzene	99.8	70-130		3/20/12 13:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-37D-March-2012 | Sampled: 3/12/2012 10:10

Sample ID: 12C0442-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Chlorobenzene	6.3	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2-Dichlorobenzene	2.9	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
cis-1,2-Dichloroethylene	8.2	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-37D-March-2012 | Sampled: 3/12/2012 10:10

Sample ID: 12C0442-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Methyl tert-Butyl Ether (MTBE)	1.1	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Tetrachloroethylene	30	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Trichloroethylene	16	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:04	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.6	70-130		3/20/12 14:04
Toluene-d8	100	70-130		3/20/12 14:04
4-Bromofluorobenzene	98.8	70-130		3/20/12 14:04

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-37C-March-2012 MS/MSD | Sampled: 3/12/2012 11:47

Sample ID: 12C0442-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Chlorobenzene	1.5	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
cis-1,2-Dichloroethylene	15	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-37C-March-2012 MS/MSD | Sampled: 3/12/2012 11:47

Sample ID: 12C0442-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,4-Dioxane	ND	50	µg/L	1	MS-23, V-16	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Methyl tert-Butyl Ether (MTBE)	1.8	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Tetrachloroethylene	130	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Trichloroethylene	86	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 14:34	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.4	70-130		3/20/12 14:34
Toluene-d8	98.9	70-130		3/20/12 14:34
4-Bromofluorobenzene	103	70-130		3/20/12 14:34

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-28D-March-2012 | Sampled: 3/12/2012 13:45

Sample ID: 12C0442-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1-Dichloroethane	2.5	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-28D-March-2012 | Sampled: 3/12/2012 13:45

Sample ID: 12C0442-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Tetrachloroethylene	78	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.0	70-130		3/20/12 15:05
Toluene-d8	101	70-130		3/20/12 15:05
4-Bromofluorobenzene	100	70-130		3/20/12 15:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-28C-March-2012 | Sampled: 3/12/2012 14:55

Sample ID: 12C0442-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
tert-Amyl Methyl Ether (TAME)	0.79	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Bromochloromethane	ND	1.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0442

Date Received: 3/15/2012

Field Sample #: MW-28C-March-2012 | Sampled: 3/12/2012 14:55

Sample ID: 12C0442-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Methyl tert-Butyl Ether (MTBE)	15	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Tetrachloroethylene	74	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Trichloroethylene	1.0	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/20/12	3/20/12 15:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.2	70-130		3/20/12 15:35
Toluene-d8	100	70-130		3/20/12 15:35
4-Bromofluorobenzene	101	70-130		3/20/12 15:35

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0442-01 [TB31212-01]	B048211	5	5.00	03/20/12
12C0442-02 [MW-30C-March-2012]	B048211	5	5.00	03/20/12
12C0442-03 [MW-30D-March-2012]	B048211	5	5.00	03/20/12
12C0442-04 [MW-47C-March-2012]	B048211	5	5.00	03/20/12
12C0442-05 [MW-48C-March-2012]	B048211	5	5.00	03/20/12
12C0442-06 [MW-32C-March-2012]	B048211	5	5.00	03/20/12
12C0442-07 [MW-32C-March-2012 1]	B048211	5	5.00	03/20/12
12C0442-08 [MW-45D-March-2012]	B048211	5	5.00	03/20/12
12C0442-09 [MW-37D-March-2012]	B048211	5	5.00	03/20/12
12C0442-10 [MW-37C-March-2012 MS/MSD]	B048211	5	5.00	03/20/12
12C0442-11 [MW-28D-March-2012]	B048211	5	5.00	03/20/12
12C0442-12 [MW-28C-March-2012]	B048211	5	5.00	03/20/12

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048211 - SW-846 5030B										
Blank (B048211-BLK1)				Prepared & Analyzed: 03/20/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							V-05
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							V-05
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048211 - SW-846 5030B												
Blank (B048211-BLK1)				Prepared & Analyzed: 03/20/12								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	5.0	µg/L								V-05	
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L								R-05	
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*23.1*		µg/L	25.0		92.3		70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*24.7*		µg/L	25.0		98.8		70-130				
LCS (B048211-BS1)				Prepared & Analyzed: 03/20/12								
Acetone	145	50	µg/L	100		145		70-160				†
Acrylonitrile	11.3	5.0	µg/L	10.0		113		70-130				
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103		70-130				
Benzene	9.03	1.0	µg/L	10.0		90.3		70-130				
Bromobenzene	9.18	1.0	µg/L	10.0		91.8		70-130				
Bromochloromethane	8.24	1.0	µg/L	10.0		82.4		70-130			V-05	
Bromodichloromethane	8.86	0.50	µg/L	10.0		88.6		70-130				
Bromoform	12.2	1.0	µg/L	10.0		122		70-130				
Bromomethane	3.06	2.0	µg/L	10.0		**30.6**	*	40-160			L-07A, R-05	†
2-Butanone (MEK)	111	20	µg/L	100		111		40-160				†
tert-Butyl Alcohol (TBA)	129	20	µg/L	100		129		40-160			V-16, V-20	†
n-Butylbenzene	8.85	1.0	µg/L	10.0		88.5		70-130				
sec-Butylbenzene	9.16	1.0	µg/L	10.0		91.6		70-130				
tert-Butylbenzene	9.07	1.0	µg/L	10.0		90.7		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.47	0.50	µg/L	10.0		94.7		70-130				
Carbon Disulfide	8.35	2.0	µg/L	10.0		83.5		70-130				
Carbon Tetrachloride	8.24	5.0	µg/L	10.0		82.4		70-130				
Chlorobenzene	9.82	1.0	µg/L	10.0		98.2		70-130				
Chlorodibromomethane	9.97	0.50	µg/L	10.0		99.7		70-130				
Chloroethane	7.78	2.0	µg/L	10.0		77.8		70-130				
Chloroform	9.38	2.0	µg/L	10.0		93.8		70-130				
Chloromethane	6.49	2.0	µg/L	10.0		64.9		40-160			V-05	†
2-Chlorotoluene	9.90	1.0	µg/L	10.0		99.0		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048211 - SW-846 5030B												
LCS (B048211-BS1)				Prepared & Analyzed: 03/20/12								
4-Chlorotoluene	9.89	1.0	µg/L	10.0		98.9		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	10.5	5.0	µg/L	10.0		105		70-130				
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109		70-130				
Dibromomethane	9.54	1.0	µg/L	10.0		95.4		70-130				
1,2-Dichlorobenzene	9.56	1.0	µg/L	10.0		95.6		70-130				
1,3-Dichlorobenzene	9.80	1.0	µg/L	10.0		98.0		70-130				
1,4-Dichlorobenzene	8.87	1.0	µg/L	10.0		88.7		70-130				
trans-1,4-Dichloro-2-butene	9.46	2.0	µg/L	10.0		94.6		70-130				
Dichlorodifluoromethane (Freon 12)	6.75	2.0	µg/L	10.0		67.5		40-160			V-05	†
1,1-Dichloroethane	9.12	1.0	µg/L	10.0		91.2		70-130				
1,2-Dichloroethane	9.57	1.0	µg/L	10.0		95.7		70-130				
1,1-Dichloroethylene	7.67	1.0	µg/L	10.0		76.7		70-130				
cis-1,2-Dichloroethylene	8.17	1.0	µg/L	10.0		81.7		70-130				
trans-1,2-Dichloroethylene	8.42	1.0	µg/L	10.0		84.2		70-130				
1,2-Dichloropropane	8.57	1.0	µg/L	10.0		85.7		70-130				
1,3-Dichloropropane	9.88	0.50	µg/L	10.0		98.8		70-130				
2,2-Dichloropropane	8.83	1.0	µg/L	10.0		88.3		40-130				†
1,1-Dichloropropene	8.64	2.0	µg/L	10.0		86.4		70-130				
cis-1,3-Dichloropropene	9.81	0.50	µg/L	10.0		98.1		70-130				
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130				
Diethyl Ether	8.86	2.0	µg/L	10.0		88.6		70-130				
Diisopropyl Ether (DIPE)	8.76	0.50	µg/L	10.0		87.6		70-130				
1,4-Dioxane	131	50	µg/L	100		**131**	*	40-130			L-02, V-16, V-20	†
Ethylbenzene	9.11	1.0	µg/L	10.0		91.1		70-130				
Hexachlorobutadiene	8.99	0.50	µg/L	10.0		89.9		70-130				
2-Hexanone (MBK)	110	10	µg/L	100		110		70-160				†
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101		70-130				
p-Isopropyltoluene (p-Cymene)	9.12	1.0	µg/L	10.0		91.2		70-130				
Methyl tert-Butyl Ether (MTBE)	11.5	1.0	µg/L	10.0		115		70-130				
Methylene Chloride	8.25	5.0	µg/L	10.0		82.5		70-130				
4-Methyl-2-pentanone (MIBK)	102	10	µg/L	100		102		70-160				†
Naphthalene	8.38	5.0	µg/L	10.0		83.8		40-130			V-05	†
n-Propylbenzene	9.83	1.0	µg/L	10.0		98.3		70-130				
Styrene	9.71	1.0	µg/L	10.0		97.1		70-130				
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130				
1,1,2,2-Tetrachloroethane	11.7	0.50	µg/L	10.0		117		70-130				
Tetrachloroethylene	9.07	1.0	µg/L	10.0		90.7		70-130				
Tetrahydrofuran	10.4	10	µg/L	10.0		104		70-130			R-05	
Toluene	9.14	1.0	µg/L	10.0		91.4		70-130				
1,2,3-Trichlorobenzene	9.49	5.0	µg/L	10.0		94.9		70-130				
1,2,4-Trichlorobenzene	8.92	1.0	µg/L	10.0		89.2		70-130				
1,3,5-Trichlorobenzene	8.18	1.0	µg/L	10.0		81.8		70-130				
1,1,1-Trichloroethane	8.50	1.0	µg/L	10.0		85.0		70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
Trichloroethylene	8.53	1.0	µg/L	10.0		85.3		70-130				
Trichlorofluoromethane (Freon 11)	7.69	2.0	µg/L	10.0		76.9		70-130				
1,2,3-Trichloropropane	11.2	2.0	µg/L	10.0		112		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.65	1.0	µg/L	10.0		86.5		70-130				
1,2,4-Trimethylbenzene	8.99	1.0	µg/L	10.0		89.9		70-130				
1,3,5-Trimethylbenzene	9.13	1.0	µg/L	10.0		91.3		70-130				
Vinyl Chloride	6.76	2.0	µg/L	10.0		67.6		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048211 - SW-846 5030B											
LCS (B048211-BS1)				Prepared & Analyzed: 03/20/12							
m+p Xylene	18.7	2.0	µg/L	20.0		93.3	70-130				
o-Xylene	9.85	1.0	µg/L	10.0		98.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.5*		µg/L	25.0		93.9	70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102	70-130				
LCS Dup (B048211-BSD1)				Prepared & Analyzed: 03/20/12							
Acetone	139	50	µg/L	100		139	70-160	4.61	25		†
Acrylonitrile	11.7	5.0	µg/L	10.0		117	70-130	3.56	25		
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130	0.389	25		
Benzene	9.06	1.0	µg/L	10.0		90.6	70-130	0.332	25		
Bromobenzene	9.81	1.0	µg/L	10.0		98.1	70-130	6.64	25		
Bromochloromethane	8.71	1.0	µg/L	10.0		87.1	70-130	5.55	25	V-05	
Bromodichloromethane	9.57	0.50	µg/L	10.0		95.7	70-130	7.70	25		
Bromoform	12.9	1.0	µg/L	10.0		129	70-130	5.66	25		
Bromomethane	4.39	2.0	µg/L	10.0		43.9	40-160	**35.7** *	25	R-05	†
2-Butanone (MEK)	117	20	µg/L	100		117	40-160	4.70	25		†
tert-Butyl Alcohol (TBA)	136	20	µg/L	100		136	40-160	4.98	25	V-16, V-20	†
n-Butylbenzene	9.44	1.0	µg/L	10.0		94.4	70-130	6.45	25		
sec-Butylbenzene	9.80	1.0	µg/L	10.0		98.0	70-130	6.75	25		
tert-Butylbenzene	9.68	1.0	µg/L	10.0		96.8	70-130	6.51	25		
tert-Butyl Ethyl Ether (TBEE)	9.30	0.50	µg/L	10.0		93.0	70-130	1.81	25		
Carbon Disulfide	8.26	2.0	µg/L	10.0		82.6	70-130	1.08	25		
Carbon Tetrachloride	8.30	5.0	µg/L	10.0		83.0	70-130	0.726	25		
Chlorobenzene	10.1	1.0	µg/L	10.0		101	70-130	3.11	25		
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110	70-130	10.3	25		
Chloroethane	7.45	2.0	µg/L	10.0		74.5	70-130	4.33	25		
Chloroform	9.35	2.0	µg/L	10.0		93.5	70-130	0.320	25		
Chloromethane	6.89	2.0	µg/L	10.0		68.9	40-160	5.98	25	V-05	†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130	4.93	25		
4-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130	4.35	25		
1,2-Dibromo-3-chloropropane (DBCP)	12.1	5.0	µg/L	10.0		121	70-130	14.5	25		
1,2-Dibromoethane (EDB)	11.7	0.50	µg/L	10.0		117	70-130	7.10	25		
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130	8.53	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	12.2	25		
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130	9.62	25		
1,4-Dichlorobenzene	9.62	1.0	µg/L	10.0		96.2	70-130	8.11	25		
trans-1,4-Dichloro-2-butene	9.54	2.0	µg/L	10.0		95.4	70-130	0.842	25		
Dichlorodifluoromethane (Freon 12)	6.81	2.0	µg/L	10.0		68.1	40-160	0.885	25	V-05	†
1,1-Dichloroethane	9.04	1.0	µg/L	10.0		90.4	70-130	0.881	25		
1,2-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.39	25		
1,1-Dichloroethylene	7.45	1.0	µg/L	10.0		74.5	70-130	2.91	25		
cis-1,2-Dichloroethylene	8.39	1.0	µg/L	10.0		83.9	70-130	2.66	25		
trans-1,2-Dichloroethylene	8.41	1.0	µg/L	10.0		84.1	70-130	0.119	25		
1,2-Dichloropropane	9.43	1.0	µg/L	10.0		94.3	70-130	9.56	25		
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130	8.81	25		
2,2-Dichloropropane	8.70	1.0	µg/L	10.0		87.0	40-130	1.48	25		†
1,1-Dichloropropene	8.30	2.0	µg/L	10.0		83.0	70-130	4.01	25		
cis-1,3-Dichloropropene	10.2	0.50	µg/L	10.0		102	70-130	4.00	25		
trans-1,3-Dichloropropene	11.9	0.50	µg/L	10.0		119	70-130	4.30	25		
Diethyl Ether	9.38	2.0	µg/L	10.0		93.8	70-130	5.70	25		
Diisopropyl Ether (DIPE)	8.99	0.50	µg/L	10.0		89.9	70-130	2.59	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048211 - SW-846 5030B												
LCS Dup (B048211-BSD1)				Prepared & Analyzed: 03/20/12								
1,4-Dioxane	132	50	µg/L	100		**132**	*	40-130	0.697	50	V-20, L-02, V-16	† ‡
Ethylbenzene	9.48	1.0	µg/L	10.0		94.8		70-130	3.98	25		
Hexachlorobutadiene	9.99	0.50	µg/L	10.0		99.9		70-130	10.5	25		
2-Hexanone (MBK)	116	10	µg/L	100		116		70-160	5.00	25		†
Isopropylbenzene (Cumene)	10.3	1.0	µg/L	10.0		103		70-130	2.55	25		
p-Isopropyltoluene (p-Cymene)	9.87	1.0	µg/L	10.0		98.7		70-130	7.90	25		
Methyl tert-Butyl Ether (MTBE)	11.4	1.0	µg/L	10.0		114		70-130	0.871	25		
Methylene Chloride	8.33	5.0	µg/L	10.0		83.3		70-130	0.965	25		
4-Methyl-2-pentanone (MIBK)	112	10	µg/L	100		112		70-160	8.75	25		†
Naphthalene	9.58	5.0	µg/L	10.0		95.8		40-130	13.4	25	V-05	†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101		70-130	3.01	25		
Styrene	10.3	1.0	µg/L	10.0		103		70-130	6.19	25		
1,1,1,2-Tetrachloroethane	10.7	1.0	µg/L	10.0		107		70-130	4.00	25		
1,1,2,2-Tetrachloroethane	12.5	0.50	µg/L	10.0		125		70-130	6.79	25		
Tetrachloroethylene	9.47	1.0	µg/L	10.0		94.7		70-130	4.32	25		
Tetrahydrofuran	8.10	10	µg/L	10.0		81.0		70-130	**25.3**	* 25	R-05	
Toluene	9.64	1.0	µg/L	10.0		96.4		70-130	5.32	25		
1,2,3-Trichlorobenzene	10.1	5.0	µg/L	10.0		101		70-130	5.93	25		
1,2,4-Trichlorobenzene	9.68	1.0	µg/L	10.0		96.8		70-130	8.17	25		
1,3,5-Trichlorobenzene	9.13	1.0	µg/L	10.0		91.3		70-130	11.0	25		
1,1,1-Trichloroethane	8.44	1.0	µg/L	10.0		84.4		70-130	0.708	25		
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130	4.22	25		
Trichloroethylene	8.78	1.0	µg/L	10.0		87.8		70-130	2.89	25		
Trichlorofluoromethane (Freon 11)	7.51	2.0	µg/L	10.0		75.1		70-130	2.37	25		
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.0		120		70-130	7.32	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.54	1.0	µg/L	10.0		85.4		70-130	1.28	25		
1,2,4-Trimethylbenzene	9.62	1.0	µg/L	10.0		96.2		70-130	6.77	25		
1,3,5-Trimethylbenzene	9.51	1.0	µg/L	10.0		95.1		70-130	4.08	25		
Vinyl Chloride	6.63	2.0	µg/L	10.0		66.3		40-160	1.94	25		†
m+p Xylene	20.0	2.0	µg/L	20.0		99.8		70-130	6.78	25		
o-Xylene	10.6	1.0	µg/L	10.0		106		70-130	7.52	25		
Surrogate: 1,2-Dichloroethane-d4	*22.9*		µg/L	25.0		91.7		70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102		70-130				
Matrix Spike (B048211-MS1)		**Source: 12C0442-10**		Prepared & Analyzed: 03/20/12								
Acetone	89.6	50	µg/L	100	ND	89.6		70-130				
Acrylonitrile	10.6	5.0	µg/L	10.0	ND	106		70-130				
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0	ND	100		70-130				
Benzene	11.0	1.0	µg/L	10.0	ND	110		70-130				
Bromobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130				
Bromochloromethane	9.59	1.0	µg/L	10.0	ND	95.9		70-130			V-05	
Bromodichloromethane	10.3	0.50	µg/L	10.0	ND	103		70-130				
Bromoform	11.5	1.0	µg/L	10.0	ND	115		70-130				
Bromomethane	5.74	2.0	µg/L	10.0	ND	**57.4**	*	70-130			MS-24, R-05	
2-Butanone (MEK)	86.5	20	µg/L	100	ND	86.5		70-130				
tert-Butyl Alcohol (TBA)	105	20	µg/L	100	ND	105		70-130			V-16	
n-Butylbenzene	11.6	1.0	µg/L	10.0	ND	116		70-130				
sec-Butylbenzene	12.5	1.0	µg/L	10.0	ND	125		70-130				
tert-Butylbenzene	11.8	1.0	µg/L	10.0	ND	118		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.78	0.50	µg/L	10.0	ND	97.8		70-130				
Carbon Disulfide	10.1	2.0	µg/L	10.0	ND	101		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B048211 - SW-846 5030B											
Matrix Spike (B048211-MS1)	**Source: 12C0442-10**			Prepared & Analyzed: 03/20/12							
Carbon Tetrachloride	10.8	5.0	µg/L	10.0	ND	108		70-130			
Chlorobenzene	13.4	1.0	µg/L	10.0	1.46	119		70-130			
Chlorodibromomethane	11.3	0.50	µg/L	10.0	ND	113		70-130			
Chloroethane	9.24	2.0	µg/L	10.0	ND	92.4		70-130			
Chloroform	11.2	2.0	µg/L	10.0	ND	112		70-130			
Chloromethane	8.82	2.0	µg/L	10.0	ND	88.2		70-130			V-05
2-Chlorotoluene	12.2	1.0	µg/L	10.0	ND	122		70-130			
4-Chlorotoluene	12.2	1.0	µg/L	10.0	ND	122		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0	ND	101		70-130			
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0	ND	113		70-130			
Dibromomethane	10.7	1.0	µg/L	10.0	ND	107		70-130			
1,2-Dichlorobenzene	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,3-Dichlorobenzene	11.9	1.0	µg/L	10.0	ND	119		70-130			
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130			
trans-1,4-Dichloro-2-butene	7.97	2.0	µg/L	10.0	ND	79.7		70-130			
Dichlorodifluoromethane (Freon 12)	9.24	2.0	µg/L	10.0	ND	92.4		70-130			V-05
1,1-Dichloroethane	11.3	1.0	µg/L	10.0	0.360	109		70-130			
1,2-Dichloroethane	11.2	1.0	µg/L	10.0	ND	112		70-130			
1,1-Dichloroethylene	10.1	1.0	µg/L	10.0	0.390	97.4		70-130			
cis-1,2-Dichloroethylene	25.5	1.0	µg/L	10.0	15.2	103		70-130			
trans-1,2-Dichloroethylene	11.5	1.0	µg/L	10.0	0.610	109		70-130			
1,2-Dichloropropane	11.0	1.0	µg/L	10.0	ND	110		70-130			
1,3-Dichloropropane	11.0	0.50	µg/L	10.0	ND	110		70-130			
2,2-Dichloropropane	10.4	1.0	µg/L	10.0	ND	104		70-130			
1,1-Dichloropropene	10.7	2.0	µg/L	10.0	ND	107		70-130			
cis-1,3-Dichloropropene	11.2	0.50	µg/L	10.0	ND	112		70-130			
trans-1,3-Dichloropropene	12.4	0.50	µg/L	10.0	ND	124		70-130			
Diethyl Ether	9.47	2.0	µg/L	10.0	ND	94.7		70-130			
Diisopropyl Ether (DIPE)	10.1	0.50	µg/L	10.0	ND	101		70-130			
1,4-Dioxane	92.7	50	µg/L	100	ND	92.7		70-130			MS-23, V-16
Ethylbenzene	11.3	1.0	µg/L	10.0	ND	113		70-130			
Hexachlorobutadiene	11.9	0.50	µg/L	10.0	ND	119		70-130			
2-Hexanone (MBK)	97.0	10	µg/L	100	ND	97.0		70-130			
Isopropylbenzene (Cumene)	12.4	1.0	µg/L	10.0	ND	124		70-130			
p-Isopropyltoluene (p-Cymene)	12.0	1.0	µg/L	10.0	ND	120		70-130			
Methyl tert-Butyl Ether (MTBE)	13.0	1.0	µg/L	10.0	1.84	111		70-130			
Methylene Chloride	8.41	5.0	µg/L	10.0	ND	84.1		70-130			
4-Methyl-2-pentanone (MIBK)	96.9	10	µg/L	100	ND	96.9		70-130			
Naphthalene	7.24	5.0	µg/L	10.0	ND	72.4		70-130			V-05
n-Propylbenzene	12.1	1.0	µg/L	10.0	ND	121		70-130			
Styrene	11.5	1.0	µg/L	10.0	ND	115		70-130			
1,1,1,2-Tetrachloroethane	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.0	ND	113		70-130			
Tetrachloroethylene	152	1.0	µg/L	10.0	131	**207**	*	70-130			MS-19
Tetrahydrofuran	10.0	10	µg/L	10.0	ND	100		70-130			R-05
Toluene	11.8	1.0	µg/L	10.0	ND	118		70-130			
1,2,3-Trichlorobenzene	9.04	5.0	µg/L	10.0	ND	90.4		70-130			
1,2,4-Trichlorobenzene	8.98	1.0	µg/L	10.0	ND	89.8		70-130			
1,3,5-Trichlorobenzene	9.90	1.0	µg/L	10.0	ND	99.0		70-130			
1,1,1-Trichloroethane	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116		70-130			
Trichloroethylene	99.9	1.0	µg/L	10.0	86.1	**137**	*	70-130			MS-19

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048211 - SW-846 5030B										
Matrix Spike (B048211-MS1)	**Source: 12C0442-10**			Prepared & Analyzed: 03/20/12						
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0	ND	102	70-130			
1,2,3-Trichloropropane	10.5	2.0	µg/L	10.0	ND	105	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	1.0	µg/L	10.0	ND	116	70-130			
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0	ND	110	70-130			
1,3,5-Trimethylbenzene	11.1	1.0	µg/L	10.0	ND	111	70-130			
Vinyl Chloride	9.04	2.0	µg/L	10.0	0.280	87.6	70-130			
m+p Xylene	23.3	2.0	µg/L	20.0	ND	116	70-130			
o-Xylene	12.1	1.0	µg/L	10.0	ND	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.9*		µg/L	25.0		91.4	70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*25.4*		µg/L	25.0		102	70-130			
Matrix Spike Dup (B048211-MSD1)	**Source: 12C0442-10**			Prepared & Analyzed: 03/20/12						
Acetone	94.7	50	µg/L	100	ND	94.7	70-130	5.58	30	
Acrylonitrile	10.6	5.0	µg/L	10.0	ND	106	70-130	0.471	30	
tert-Amyl Methyl Ether (TAME)	11.3	0.50	µg/L	10.0	ND	113	70-130	12.6	30	
Benzene	11.9	1.0	µg/L	10.0	ND	119	70-130	7.58	30	
Bromobenzene	11.3	1.0	µg/L	10.0	ND	113	70-130	5.81	30	
Bromochloromethane	9.93	1.0	µg/L	10.0	ND	99.3	70-130	3.48	30	V-05
Bromodichloromethane	10.7	0.50	µg/L	10.0	ND	107	70-130	3.62	30	
Bromoform	12.3	1.0	µg/L	10.0	ND	123	70-130	6.62	30	
Bromomethane	7.72	2.0	µg/L	10.0	ND	77.2	70-130	29.4	30	R-05
2-Butanone (MEK)	98.0	20	µg/L	100	ND	98.0	70-130	12.5	30	
tert-Butyl Alcohol (TBA)	119	20	µg/L	100	ND	119	70-130	12.2	30	V-16
n-Butylbenzene	11.4	1.0	µg/L	10.0	ND	114	70-130	1.13	30	
sec-Butylbenzene	12.6	1.0	µg/L	10.0	ND	126	70-130	0.558	30	
tert-Butylbenzene	12.0	1.0	µg/L	10.0	ND	120	70-130	1.26	30	
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0	ND	106	70-130	7.76	30	
Carbon Disulfide	10.6	2.0	µg/L	10.0	ND	106	70-130	5.11	30	
Carbon Tetrachloride	12.0	5.0	µg/L	10.0	ND	120	70-130	10.7	30	
Chlorobenzene	13.8	1.0	µg/L	10.0	1.46	124	70-130	3.68	30	
Chlorodibromomethane	12.0	0.50	µg/L	10.0	ND	120	70-130	6.10	30	
Chloroethane	9.93	2.0	µg/L	10.0	ND	99.3	70-130	7.20	30	
Chloroform	12.0	2.0	µg/L	10.0	ND	120	70-130	6.30	30	
Chloromethane	9.12	2.0	µg/L	10.0	ND	91.2	70-130	3.34	30	V-05
2-Chlorotoluene	12.6	1.0	µg/L	10.0	ND	126	70-130	2.91	30	
4-Chlorotoluene	12.7	1.0	µg/L	10.0	ND	127	70-130	3.78	30	
1,2-Dibromo-3-chloropropane (DBCP)	10.3	5.0	µg/L	10.0	ND	103	70-130	1.96	30	
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0	ND	118	70-130	4.06	30	
Dibromomethane	11.2	1.0	µg/L	10.0	ND	112	70-130	4.12	30	
1,2-Dichlorobenzene	11.9	1.0	µg/L	10.0	ND	119	70-130	4.83	30	
1,3-Dichlorobenzene	11.6	1.0	µg/L	10.0	ND	116	70-130	2.12	30	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106	70-130	0.376	30	
trans-1,4-Dichloro-2-butene	8.67	2.0	µg/L	10.0	ND	86.7	70-130	8.41	30	
Dichlorodifluoromethane (Freon 12)	9.79	2.0	µg/L	10.0	ND	97.9	70-130	5.78	30	V-05
1,1-Dichloroethane	11.7	1.0	µg/L	10.0	0.360	114	70-130	3.74	30	
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109	70-130	3.17	30	
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0	0.390	106	70-130	8.05	30	
cis-1,2-Dichloroethylene	26.0	1.0	µg/L	10.0	15.2	108	70-130	1.87	30	
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0	0.610	112	70-130	2.83	30	
1,2-Dichloropropane	11.6	1.0	µg/L	10.0	ND	116	70-130	6.10	30	
1,3-Dichloropropane	11.2	0.50	µg/L	10.0	ND	112	70-130	1.45	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B048211 - SW-846 5030B												
Matrix Spike Dup (B048211-MSD1)	**Source: 12C0442-10**			Prepared & Analyzed: 03/20/12								
2,2-Dichloropropane	11.2	1.0	µg/L	10.0	ND	112		70-130	7.24		30	
1,1-Dichloropropene	11.4	2.0	µg/L	10.0	ND	114		70-130	6.70		30	
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0	ND	113		70-130	0.799		30	
trans-1,3-Dichloropropene	13.1	0.50	µg/L	10.0	ND	**131**	*	70-130	5.59		30	MS-24
Diethyl Ether	9.80	2.0	µg/L	10.0	ND	98.0		70-130	3.43		30	
Diisopropyl Ether (DIPE)	10.2	0.50	µg/L	10.0	ND	102		70-130	0.689		30	
1,4-Dioxane	136	50	µg/L	100	ND	**136**	*	70-130	**37.7**	*	30	MS-23, V-16
Ethylbenzene	11.9	1.0	µg/L	10.0	ND	119		70-130	4.57		30	
Hexachlorobutadiene	11.1	0.50	µg/L	10.0	ND	111		70-130	6.35		30	
2-Hexanone (MBK)	101	10	µg/L	100	ND	101		70-130	4.28		30	
Isopropylbenzene (Cumene)	12.9	1.0	µg/L	10.0	ND	129		70-130	4.51		30	
p-Isopropyltoluene (p-Cymene)	12.0	1.0	µg/L	10.0	ND	120		70-130	0.0832		30	
Methyl tert-Butyl Ether (MTBE)	14.1	1.0	µg/L	10.0	1.84	123		70-130	8.48		30	
Methylene Chloride	9.09	5.0	µg/L	10.0	ND	90.9		70-130	7.77		30	
4-Methyl-2-pentanone (MIBK)	100	10	µg/L	100	ND	100		70-130	3.59		30	
Naphthalene	7.72	5.0	µg/L	10.0	ND	77.2		70-130	6.42		30	V-05
n-Propylbenzene	12.8	1.0	µg/L	10.0	ND	128		70-130	5.69		30	
Styrene	11.9	1.0	µg/L	10.0	ND	119		70-130	3.59		30	
1,1,1,2-Tetrachloroethane	12.2	1.0	µg/L	10.0	ND	122		70-130	7.90		30	
1,1,2,2-Tetrachloroethane	11.9	0.50	µg/L	10.0	ND	119		70-130	5.34		30	
Tetrachloroethylene	146	1.0	µg/L	10.0	131	**146**	*	70-130	4.14		30	MS-19
Tetrahydrofuran	11.3	10	µg/L	10.0	ND	113		70-130	12.3		30	R-05
Toluene	11.8	1.0	µg/L	10.0	ND	118		70-130	0.508		30	
1,2,3-Trichlorobenzene	9.09	5.0	µg/L	10.0	ND	90.9		70-130	0.552		30	
1,2,4-Trichlorobenzene	9.52	1.0	µg/L	10.0	ND	95.2		70-130	5.84		30	
1,3,5-Trichlorobenzene	9.80	1.0	µg/L	10.0	ND	98.0		70-130	1.02		30	
1,1,1-Trichloroethane	12.1	1.0	µg/L	10.0	ND	121		70-130	11.0		30	
1,1,2-Trichloroethane	11.5	1.0	µg/L	10.0	ND	115		70-130	1.21		30	
Trichloroethylene	100	1.0	µg/L	10.0	86.1	**142**	*	70-130	0.479		30	MS-19
Trichlorofluoromethane (Freon 11)	11.2	2.0	µg/L	10.0	ND	112		70-130	9.41		30	
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0	ND	114		70-130	8.39		30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.0	ND	119		70-130	2.04		30	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0	ND	111		70-130	0.633		30	
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.0	ND	117		70-130	5.51		30	
Vinyl Chloride	9.07	2.0	µg/L	10.0	0.280	87.9		70-130	0.331		30	
m+p Xylene	24.3	2.0	µg/L	20.0	ND	121		70-130	4.16		20	
o-Xylene	12.6	1.0	µg/L	10.0	ND	126		70-130	4.20		30	
Surrogate: 1,2-Dichloroethane-d4	*22.8*		µg/L	25.0		91.2		70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		99.8		70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

Page 1 of 2

12C0442

Company Name: Ecology & Environment inc
Address: 368 Pleasantview Dr
Lancaster NY 14086
Attention: Rick Watt
Project Location: Farmingdale NY
Sampled By: L.Roedl, MChaplowitz

Telephone: 716 684-8060
Project # EN-002699-0025-06
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ◉ WEBSITE
Fax #
Email:
Format: ◉ PDF ○ EXCEL ○ GIS ◉ OTHER EQuIS - EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOC's 8260	# of Containers	** Preservation	***Container Code
								30			
								H			
								V			
01	TB31212-01	3/12/12 8:30	7:30		X	GW	L	X			
02	MW-30C-March-2012	3/12/12 15:22	15:22		X	GW	L	X			
03	MW-30D-march-2012	3/12/12	17:17		X	GW	L	X			
04	MW-47C-march-2012	3/13/12	9:44		X	GW	L	X			
05	MW-48C March-2012	3/13/12	12:32		X	GW	L	X			
06	MW-32C March-2012	3/13/12	15:04		X	GW	L	X			
07	MW-32C-march-20121	3/13/12	15:04		X	GW	L	X			
08	MW-45D-March-2012	3/13/12	16:56		X	GW	L	X			
09	MW-37D-march-2012	3/14/12	10:10		X	GW	L	X			
10	MW-37C-march-2012	3/14/12	11:47		X	GW	L	X			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature]	3/14/12 1600
Received by: (signature)	Date/Time:
[signature] 38°C	3/15/12 09:46
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other Turnaround
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

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ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 Spruce Street
East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

43

Company Name: Ecology & Environment
Address: 368 Pleasantview Dr
Lancaster NY 14086
Attention: Rick Watt
Project Location: Farmingdale NY
Sampled By: L. Roedl, M Cheplowitz

Telephone: 716 684-8060
Project # EN-002699-0025-06
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ● WEBSITE
Fax #
Email:
Format: ● PDF ○ EXCEL ○ GIS ● OTHER EQuIS - EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	17 H V Vocs 8260	# of Containers	** Preservation	***Container Code
11	MW-37C-March-2012-MS	3-14-12	11:47		X	GW	L	X			
12	MW-37C-March-2012-MSD	3-14-12	11:47		X	GW	L	X			
13	MW-28D-March-2012	3-14-12	13:45		X	GW	L	X			
14	MW-28C-March-2012	3-14-12	14:55		X	GW	L	X			

Lorraine Roedl 3/14/12

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Lorraine Roedl	3/14/12 1600
Received by: (signature)	Date/Time:
Alan VanNewkirk 3.8c	3/15/12 09:46
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other Per Workplan
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

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ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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Ship Track Manage Learn FedEx Office®

Detailed Results

Printer-Friendly Get Link Help

Enter tracking number Track

Detailed Results | Notifications

Tracking no.: 856561406320 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated Picked up In transit Delivered

Delivered
Signed for by: A.PIENKOWSKI

Shipment Dates
Ship date Mar 14, 2012
Delivery date Mar 15, 2012 9:46 AM

Destination
Signature Proof of Delivery

Shipment Options

Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Help

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	25.0 lbs/11.3 kg	Reference	EN-007699-0025-06

Shipment Travel History

Help

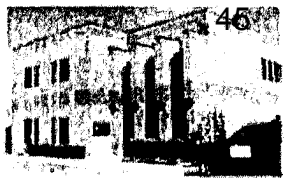
Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 15, 2012 9:46 AM	**Delivered**		
Mar 15, 2012 7:52 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 15, 2012 6:51 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 15, 2012 3:15 AM	Departed FedEx location	NEWARK, NJ	
Mar 14, 2012 10:45 PM	Departed FedEx location	NEWARK, NJ	
Mar 14, 2012 10:32 PM	Arrived at FedEx location	NEWARK, NJ	
Mar 14, 2012 9:35 PM	Left FedEx origin facility	MELVILLE, NY	

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist

CLIENT NAME: Ecology + Env. RECEIVED BY: AP DATE: 3/15/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.8°C Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	42	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 42 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB31212-01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0442-01	File ID:	VC080008.D
Sampled:	03/12/12 07:30	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31212-01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0442-01	File ID:	VC080008.D
Sampled:	03/12/12 07:30	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31212-01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0442-01	File ID:	VC080008.D
Sampled:	03/12/12 07:30	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31212-01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0442-01	File ID:	VC080008.D
Sampled:	03/12/12 07:30	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080008.D
Acq On : 20 Mar 2012 9:01 am
Operator :
Sample : 12C0442-01 @TB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

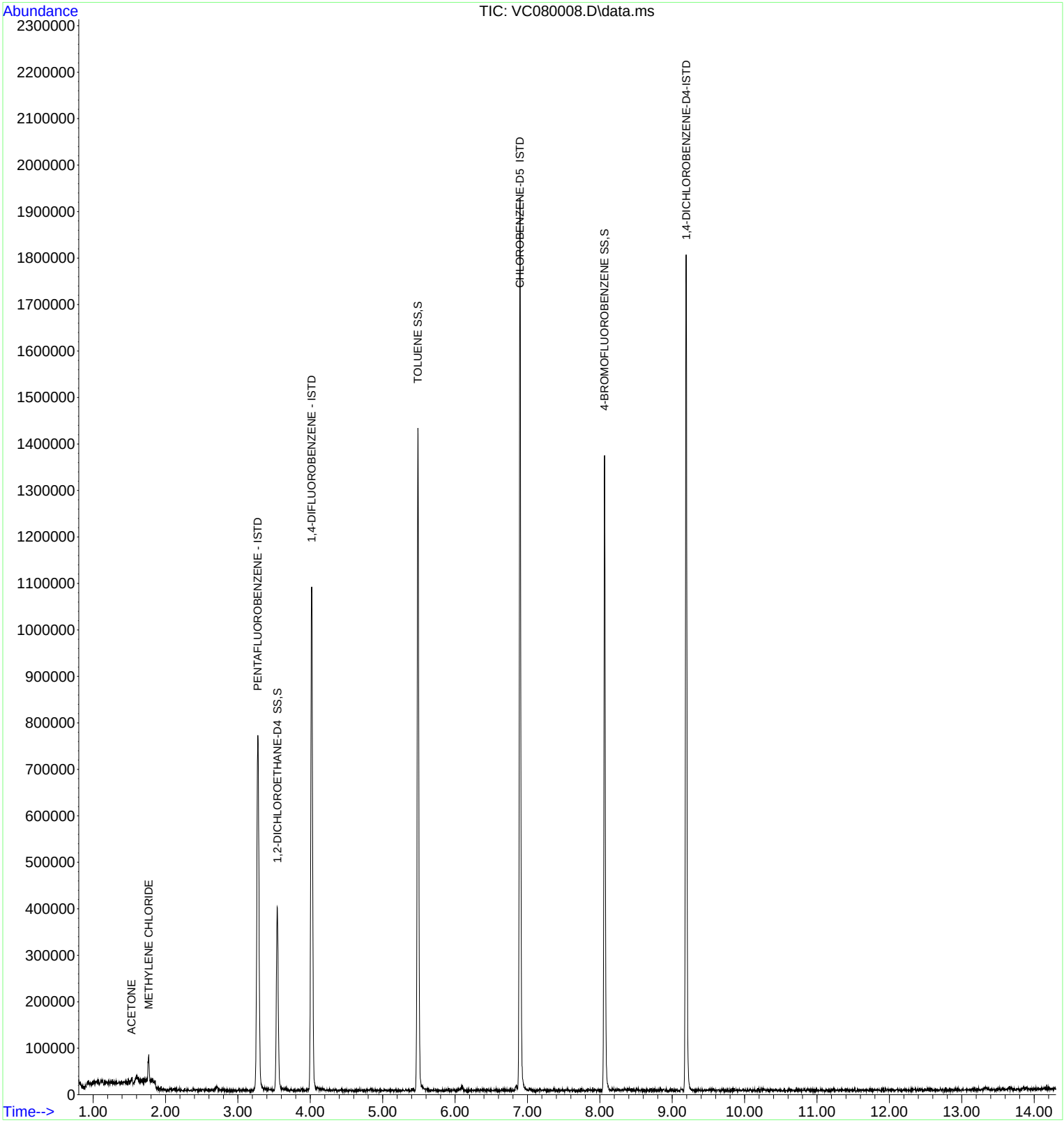
Quant Time: Mar 21 09:58:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

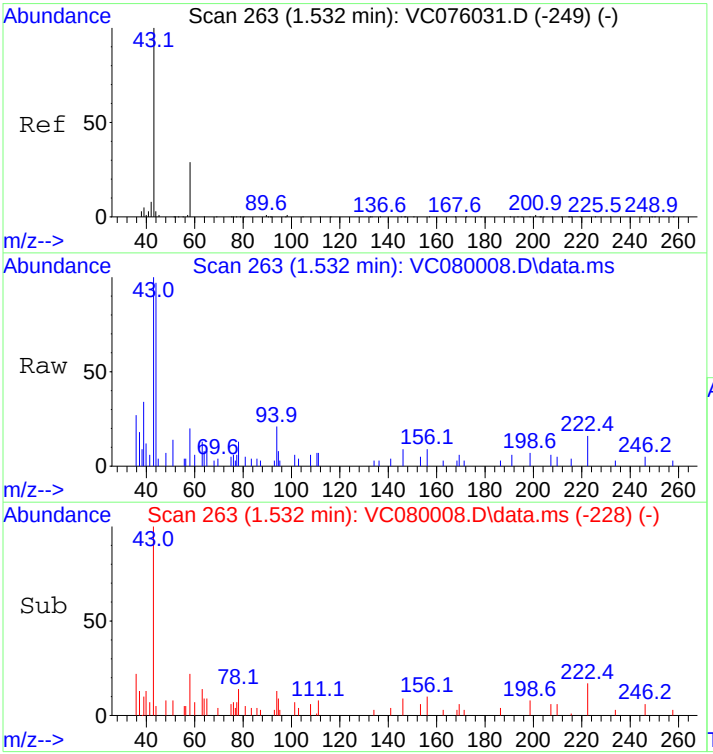
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	531182	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	782829	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	477088	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	386966	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	300549	22.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.00%			
49) TOLUENE SS	5.486	98	793247	25.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	353251	24.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.12%			
Target Compounds						Qvalue
14) ACETONE	1.532	43	5812	2.50	UG/L	# 70
23) METHYLENE CHLORIDE	1.769	49	18241	1.27	UG/L	# 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080008.D
Acq On : 20 Mar 2012 9:01 am
Operator :
Sample : 12C0442-01 @TB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 21 09:58:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

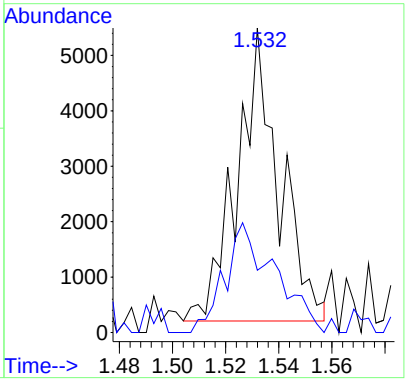


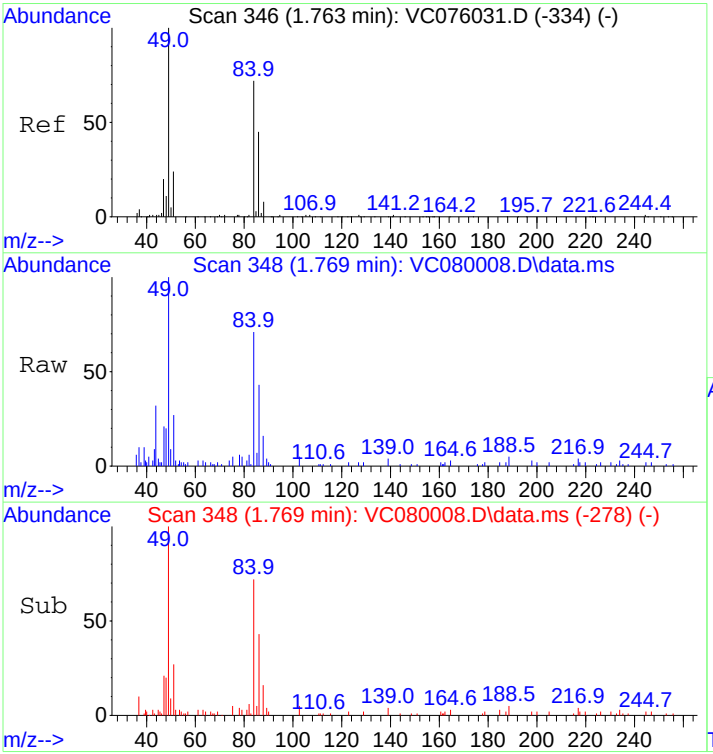


#14
ACETONE
Concen: 2.50 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC080008.D
Acq: 20 Mar 2012 9:01 am

Tgt Ion: 43 Resp: 5812

Ion	Ratio	Lower	Upper
43	100		
58	44.3	22.9	34.3#

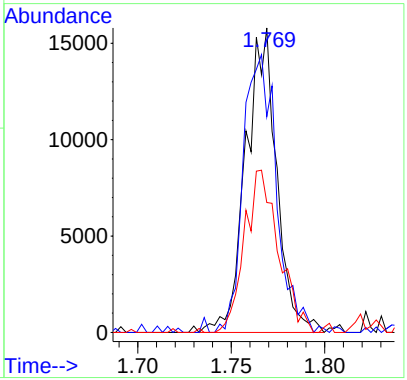




#23
METHYLENE CHLORIDE
Concen: 1.27 UG/L
RT: 1.769 min Scan# 348
Delta R.T. 0.006 min
Lab File: VC080008.D
Acq: 20 Mar 2012 9:01 am

Tgt Ion: 49 Resp: 18241

Ion	Ratio	Lower	Upper
49	100		
84	97.5	62.8	94.2#
86	58.4	40.5	60.7



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1 - FORM I
ANALYSIS DATA SHEET

MW-30C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-02	File ID:	VC080009.D
Sampled:	03/12/12 15:22	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-02	File ID:	VC080009.D
Sampled:	03/12/12 15:22	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	1.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-02	File ID:	VC080009.D
Sampled:	03/12/12 15:22	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-02	File ID:	VC080009.D
Sampled:	03/12/12 15:22	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 09:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080009.D
Acq On : 20 Mar 2012 9:32 am
Operator :
Sample : 12C0442-02 Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

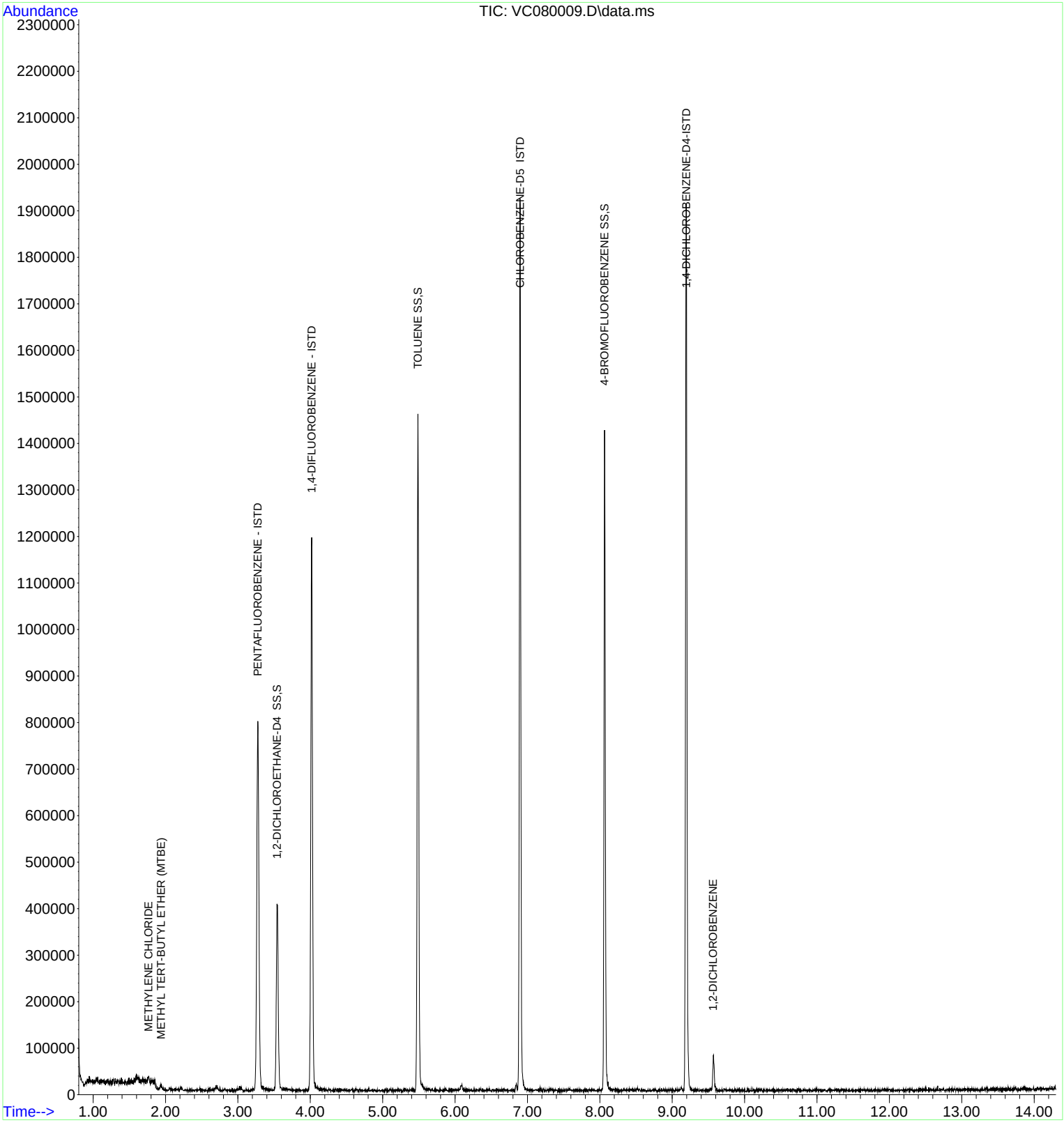
Quant Time: Mar 21 09:59:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

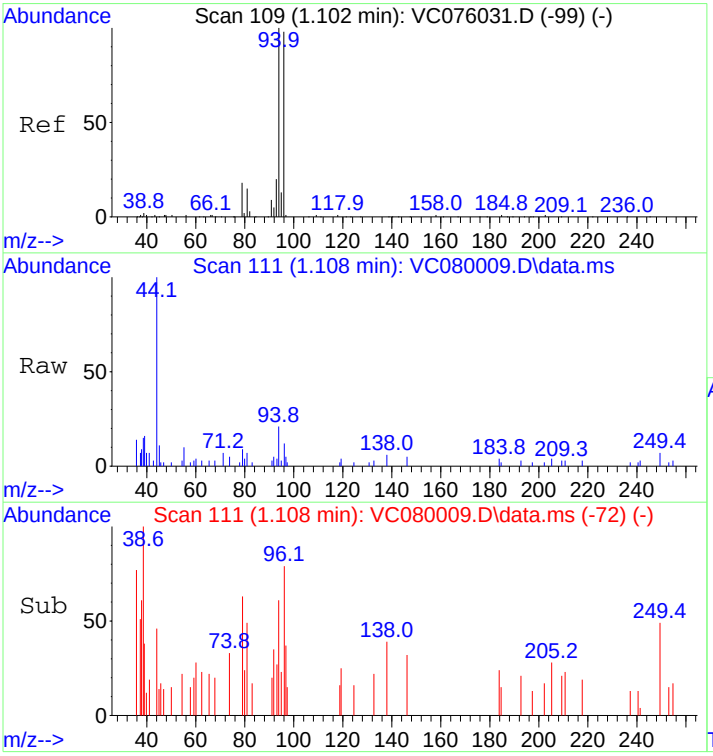
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	534848	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	806128	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	486626	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	406210	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.540	65	317394	23.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.28%			
49) TOLUENE SS	5.486	98	792384	24.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	361674	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.48%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	1756	Below Cal	#	79
23) METHYLENE CHLORIDE	1.766	49	3034	0.21	UG/L #	85
25) METHYL TERT-BUTYL ETHE...	1.939	73	6244m	0.25	UG/L	
97) 1,2-DICHLOROBENZENE	9.566	146	22635	1.14	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080009.D
Acq On : 20 Mar 2012 9:32 am
Operator :
Sample : 12C0442-02 Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 21 09:59:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

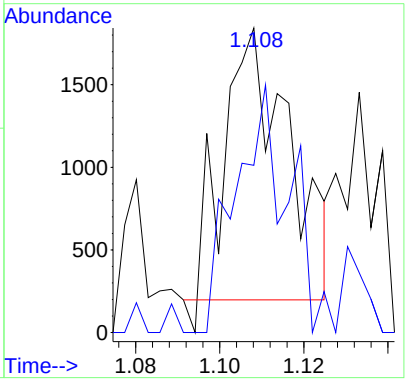


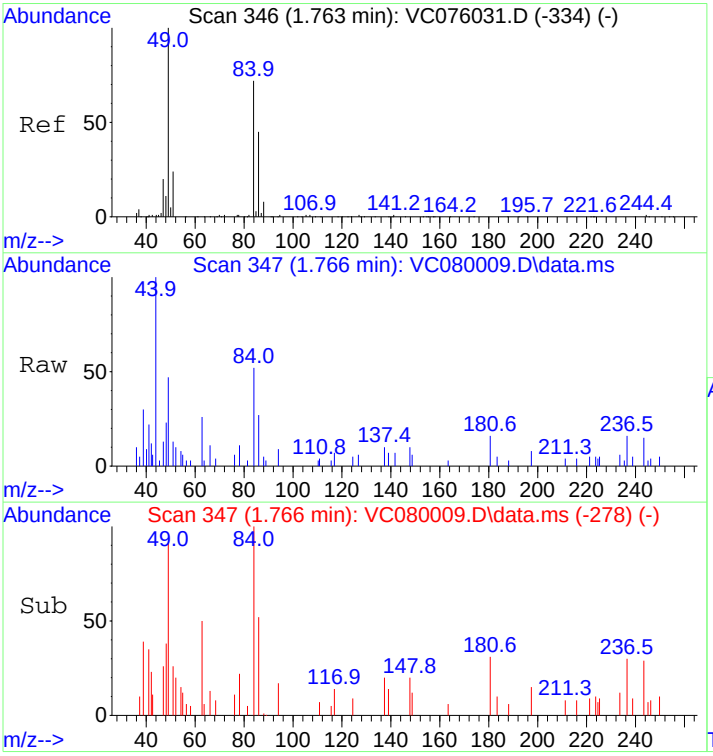


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC080009.D
Acq: 20 Mar 2012 9:32 am

Tgt Ion: 94 Resp: 1756

Ion	Ratio	Lower	Upper
94	100		
96	74.8	76.6	114.8#

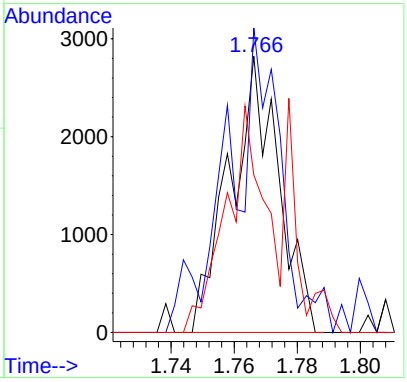


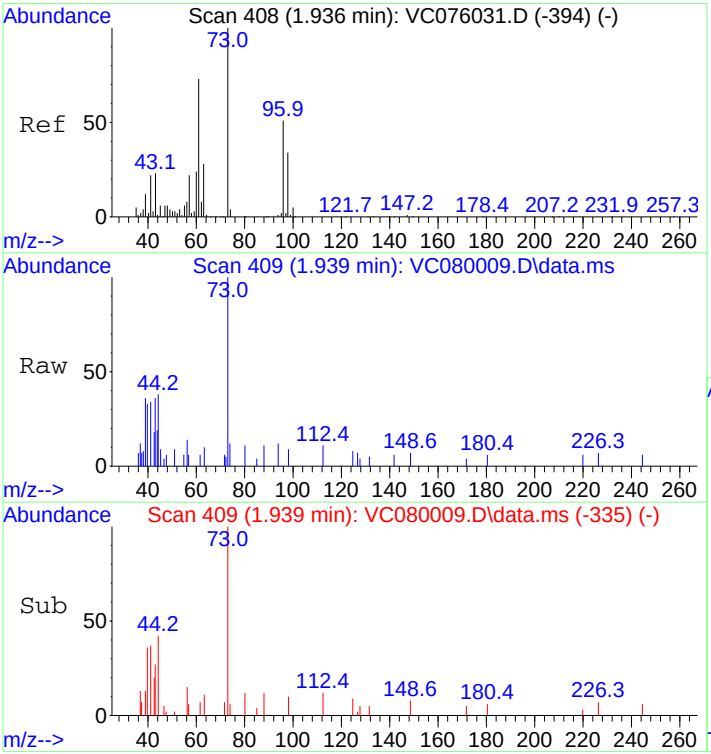


#23
METHYLENE CHLORIDE
Concen: 0.21 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC080009.D
Acq: 20 Mar 2012 9:32 am

Tgt Ion: 49 Resp: 3034

Ion	Ratio	Lower	Upper
49	100		
84	68.0	62.8	94.2
86	64.6	40.5	60.7#

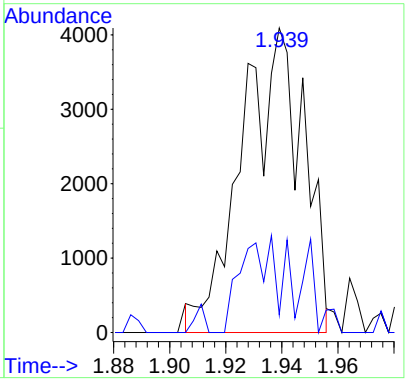


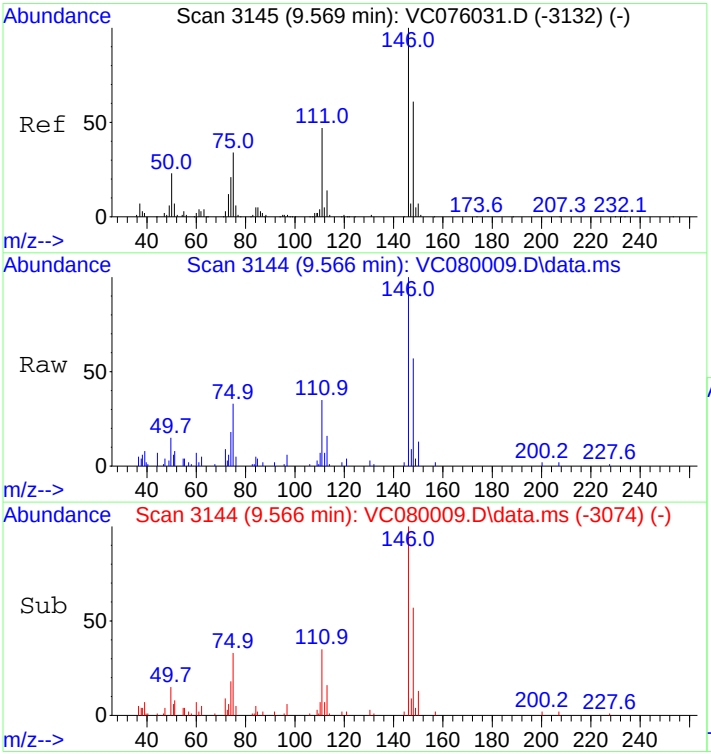


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.25 UG/L m
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC080009.D
Acq: 20 Mar 2012 9:32 am

Tgt Ion: 73 Resp: 6244

Ion	Ratio	Lower	Upper
73	100		
57	16.3	16.7	25.1#

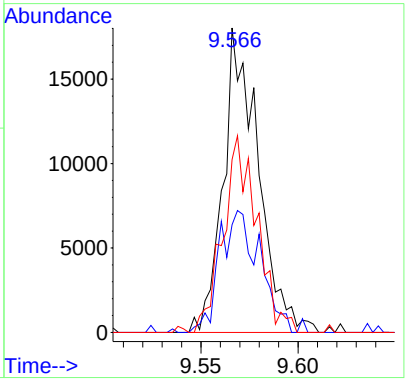




#97
1,2-DICHLOROBENZENE
Concen: 1.14 UG/L
RT: 9.566 min Scan# 3144
Delta R.T. -0.005 min
Lab File: VC080009.D
Acq: 20 Mar 2012 9:32 am

Tgt Ion:146 Resp: 22635

Ion	Ratio	Lower	Upper
146	100		
111	45.9	36.2	54.4
148	62.6	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

MW-30D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-03	File ID:	VC080010.D
Sampled:	03/12/12 17:17	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-03	File ID:	VC080010.D
Sampled:	03/12/12 17:17	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-03	File ID:	VC080010.D
Sampled:	03/12/12 17:17	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-30D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-03	File ID:	VC080010.D
Sampled:	03/12/12 17:17	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080010.D
Acq On : 20 Mar 2012 10:02 am
Operator :
Sample : 12C0442-03 Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

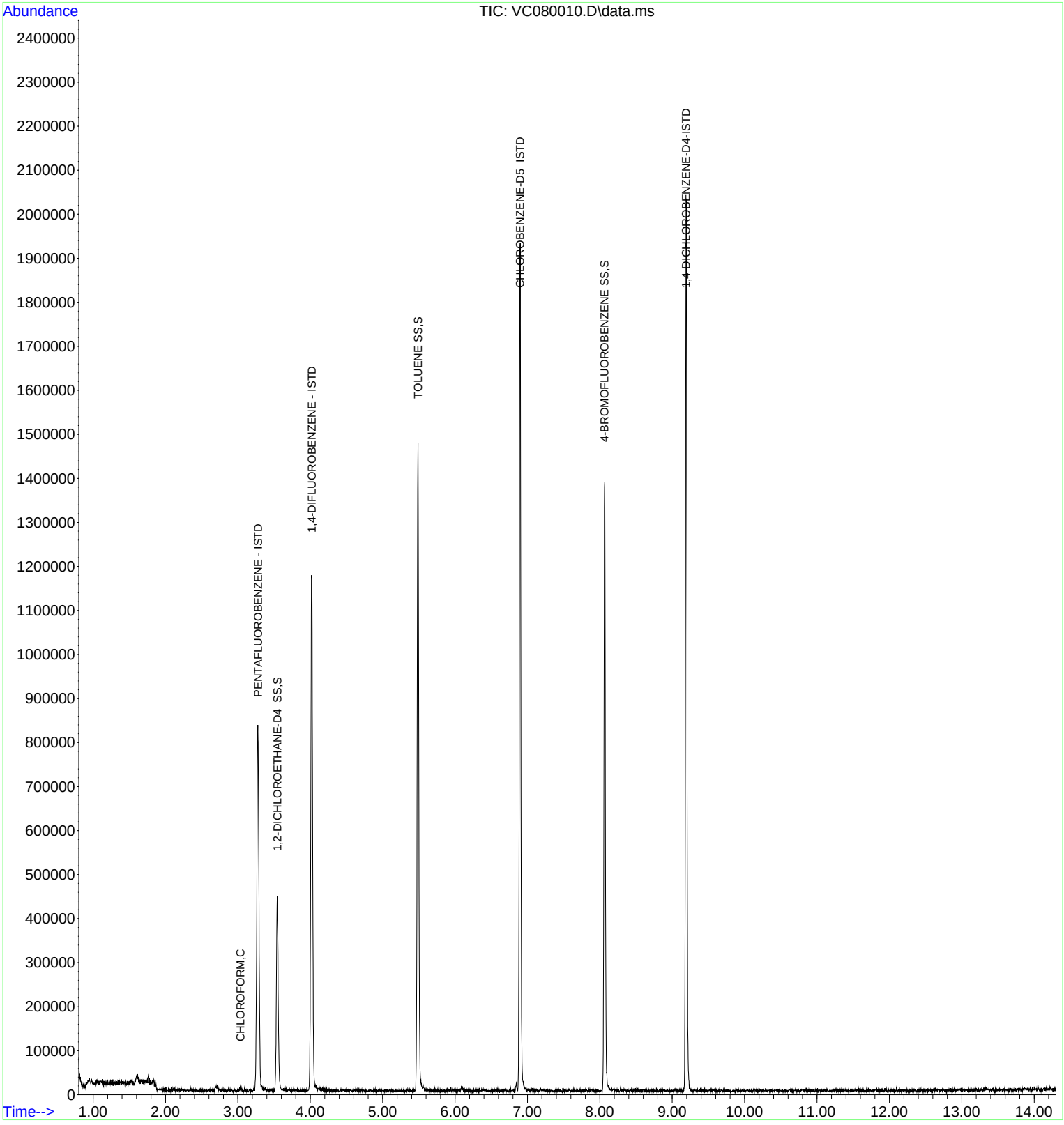
Quant Time: Mar 21 10:00:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

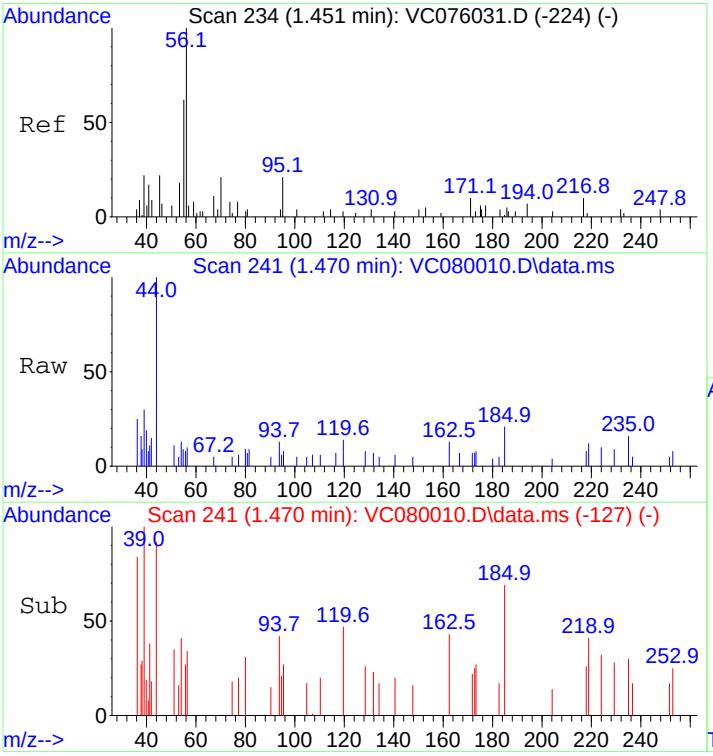
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.280	168	555938	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	833054	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	497787	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	429017	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	331108	23.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.64%			
49) TOLUENE SS	5.489	98	801471	24.35	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.40%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	371557	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.105	94	2949	Below Cal	#	63
13) ACROLEIN	1.470	56	508	Below Cal	#	1
40) CHLOROFORM	3.035	83	3307	0.15	UG/L #	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080010.D
Acq On : 20 Mar 2012 10:02 am
Operator :
Sample : 12C0442-03 Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 21 10:00:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

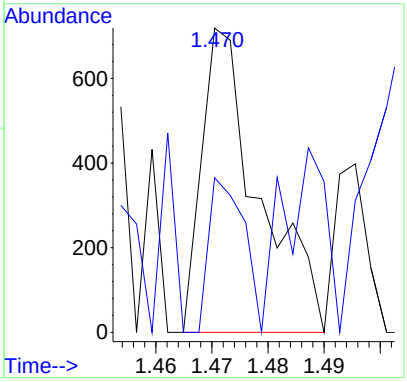


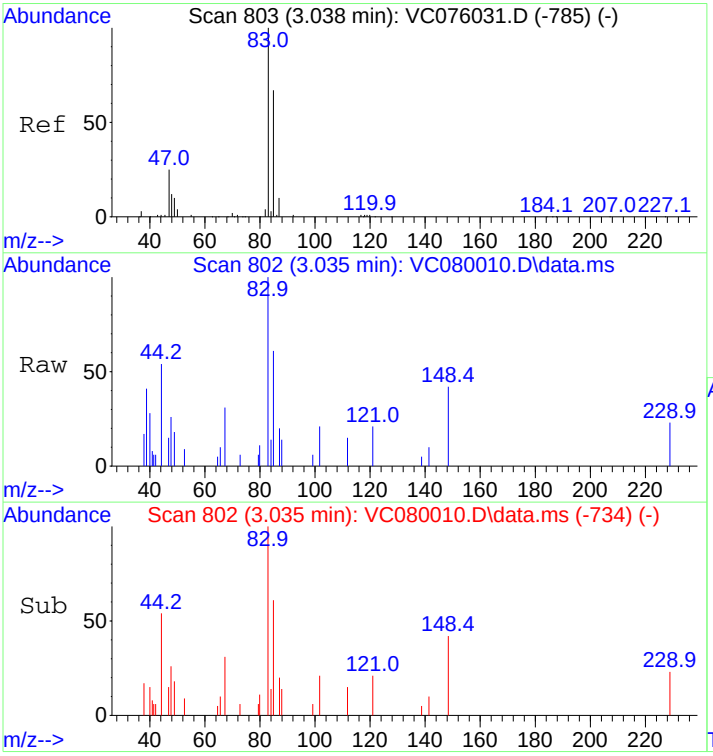


#13
ACROLEIN
Concen: Below Cal
RT: 1.470 min Scan# 241
Delta R.T. 0.017 min
Lab File: VC080010.D
Acq: 20 Mar 2012 10:02 am

Tgt Ion: 56 Resp: 508

Ion	Ratio	Lower	Upper
56	100		
55	112.0	0.5	0.7#

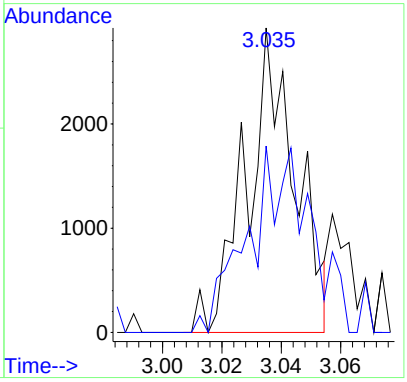




#40
CHLOROFORM
Concen: 0.15 UG/L
RT: 3.035 min Scan# 802
Delta R.T. 0.000 min
Lab File: VC080010.D
Acq: 20 Mar 2012 10:02 am

Tgt Ion: 83 Resp: 3307

Ion	Ratio	Lower	Upper
83	100		
85	77.8	51.8	77.6#



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1 - FORM I
ANALYSIS DATA SHEET

MW-47C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-04	File ID:	VC080011.D
Sampled:	03/13/12 09:44	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-47C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-04	File ID:	VC080011.D
Sampled:	03/13/12 09:44	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.3	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-47C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-04	File ID:	VC080011.D
Sampled:	03/13/12 09:44	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.4	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-47C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-04	File ID:	VC080011.D
Sampled:	03/13/12 09:44	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 10:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080011.D
Acq On : 20 Mar 2012 10:34 am
Operator :
Sample : 12C0442-04 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

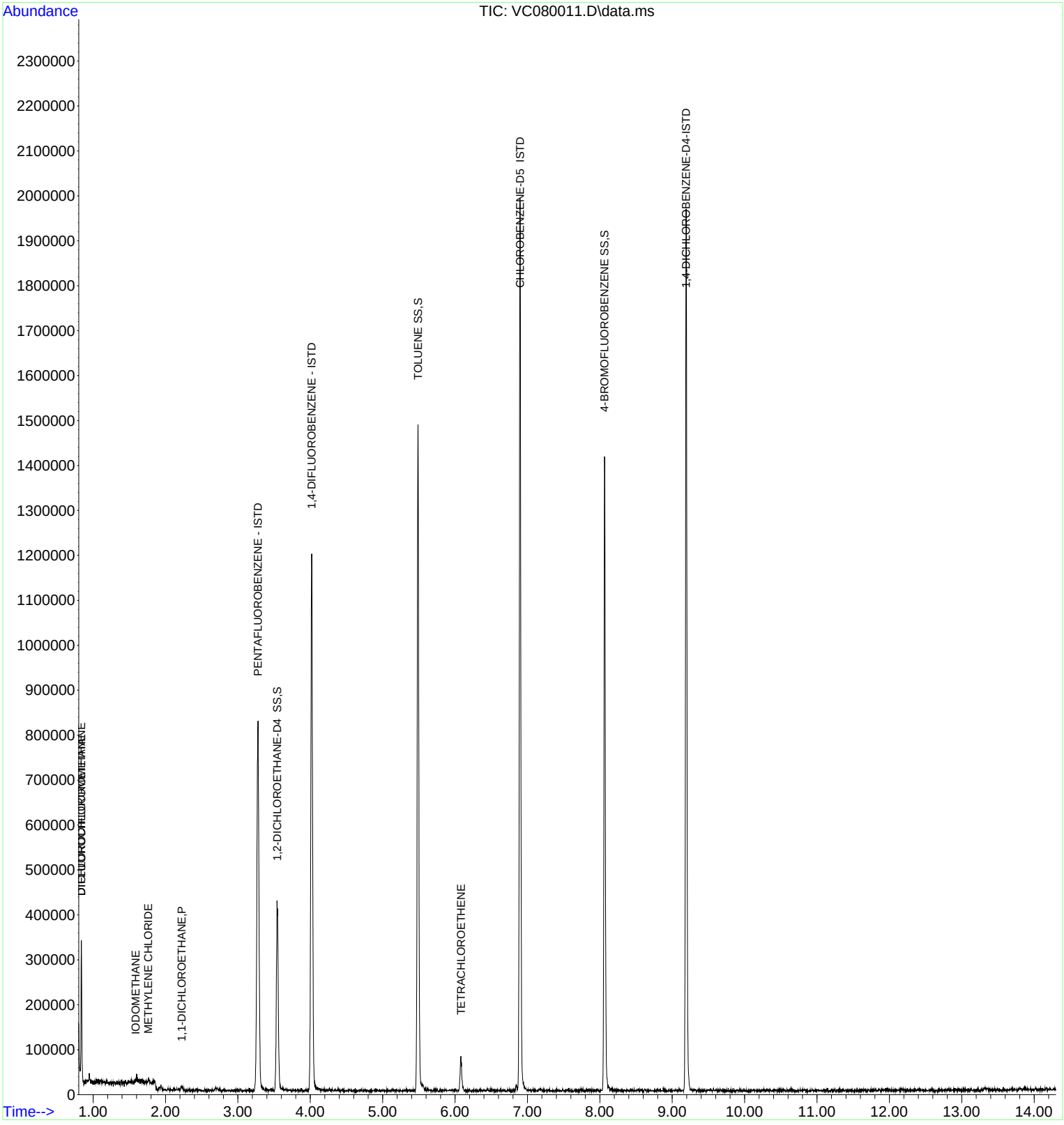
Quant Time: Mar 21 10:02:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

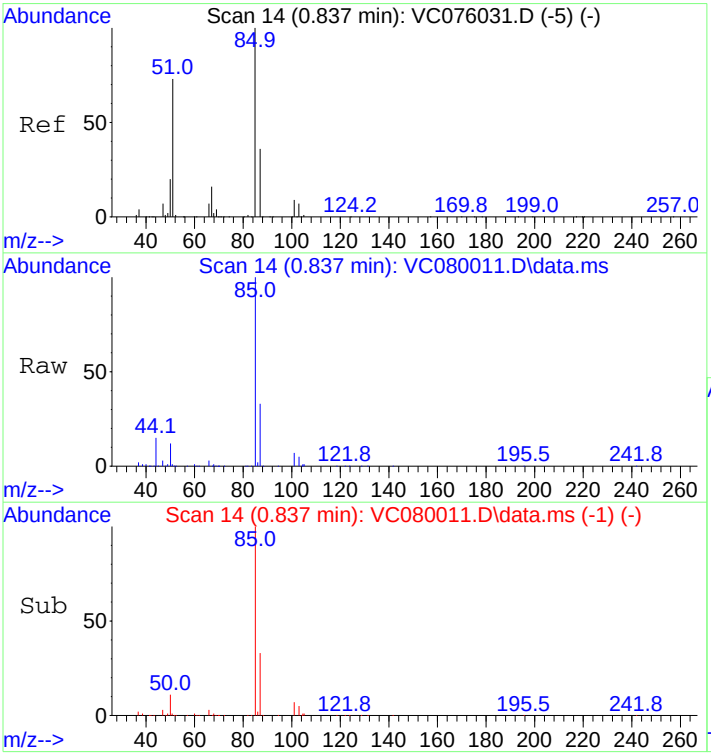
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	543740	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	814766	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	502096	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	412333	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	322314	23.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.20%				
49) TOLUENE SS	5.489	98	803084	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	366628	24.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	130030	9.33	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.837	51	1569	0.11	UG/L	#	55
7) BROMOMETHANE	1.097	94	684	Below Cal		#	2
17) IODOMETHANE	1.590	142	3882	5.83	UG/L	#	76
23) METHYLENE CHLORIDE	1.763	49	2384	0.16	UG/L	#	78
27) 1,1-DICHLOROETHANE	2.223	63	7585m	0.36	UG/L		
66) TETRACHLOROETHENE	6.083	166	15685	1.39	UG/L	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080011.D
Acq On : 20 Mar 2012 10:34 am
Operator :
Sample : 12C0442-04 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 21 10:02:15 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

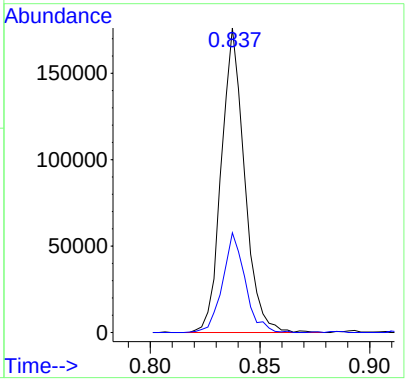


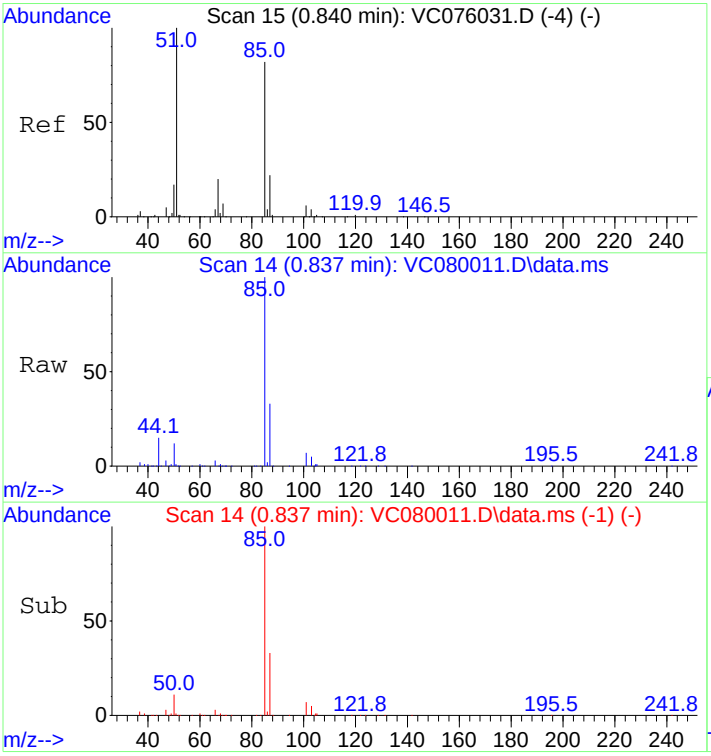


#3
DICHLORODIFLUOROMETHANE
Concen: 9.33 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion: 85 Resp: 130030

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.0	39.0

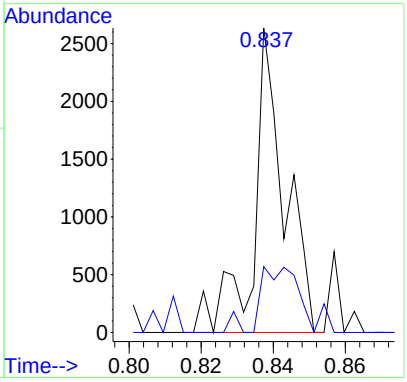


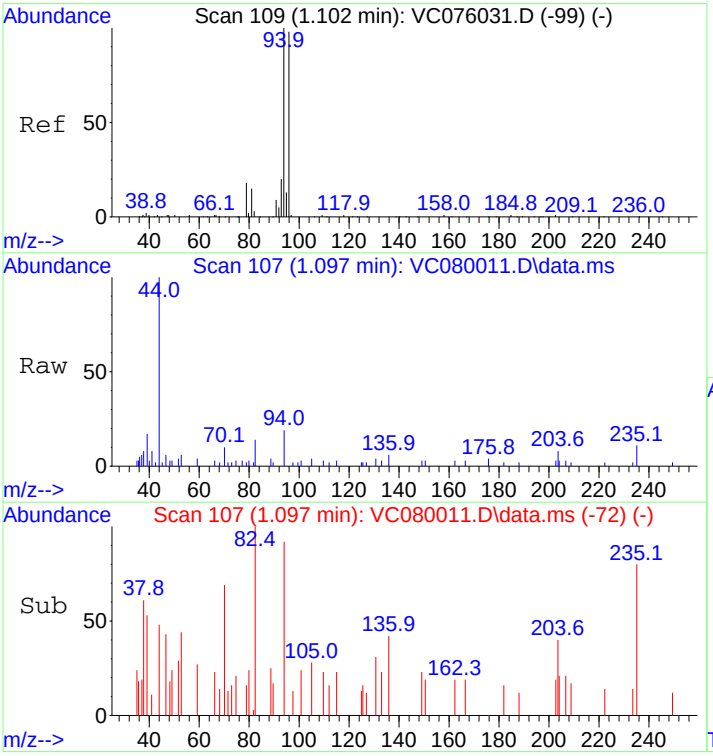


#4
DIFLUOROCHLOROMETHANE
Concen: 0.11 UG/L
RT: 0.837 min Scan# 14
Delta R.T. -0.003 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion: 51 Resp: 1569

Ion	Ratio	Lower	Upper
51	100		
67	0.0	17.1	25.7#

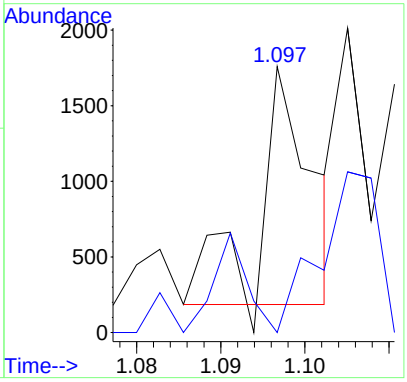


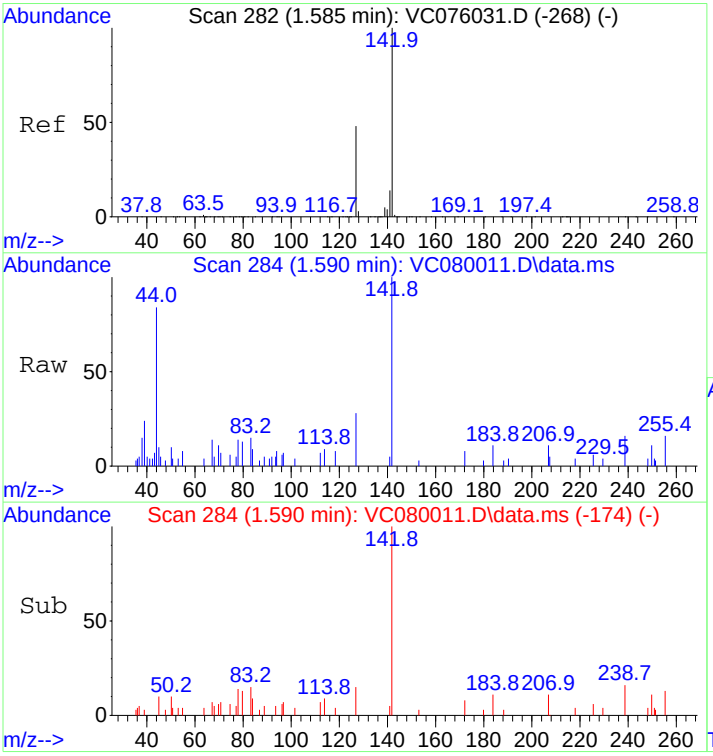


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.097 min Scan# 107
Delta R.T. -0.002 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion: 94 Resp: 684

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	114.8#

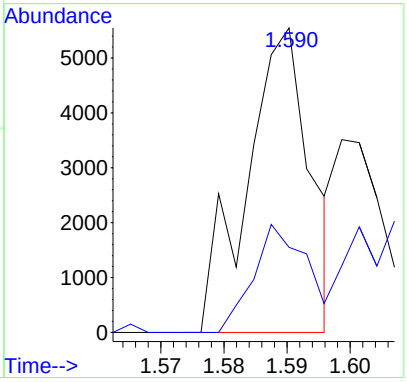


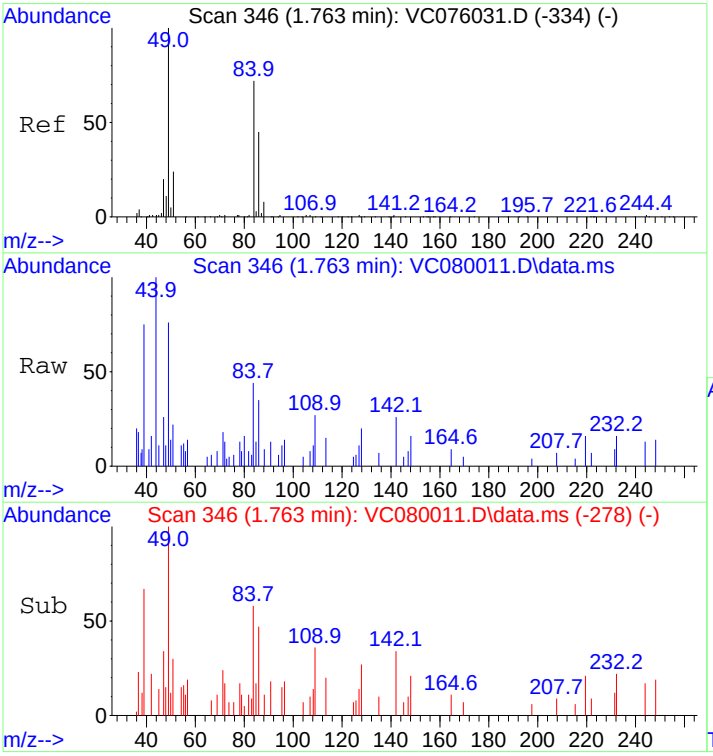


#17
IODOMETHANE
Concen: 5.83 UG/L
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion:142 Resp: 3882

Ion	Ratio	Lower	Upper
142	100		
127	29.9	36.8	55.2#

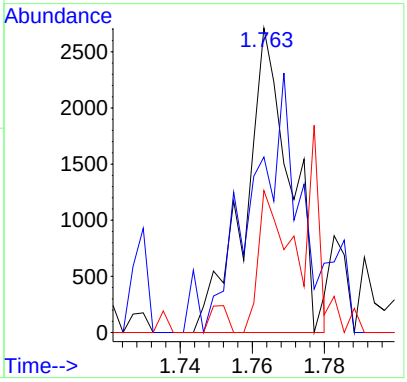


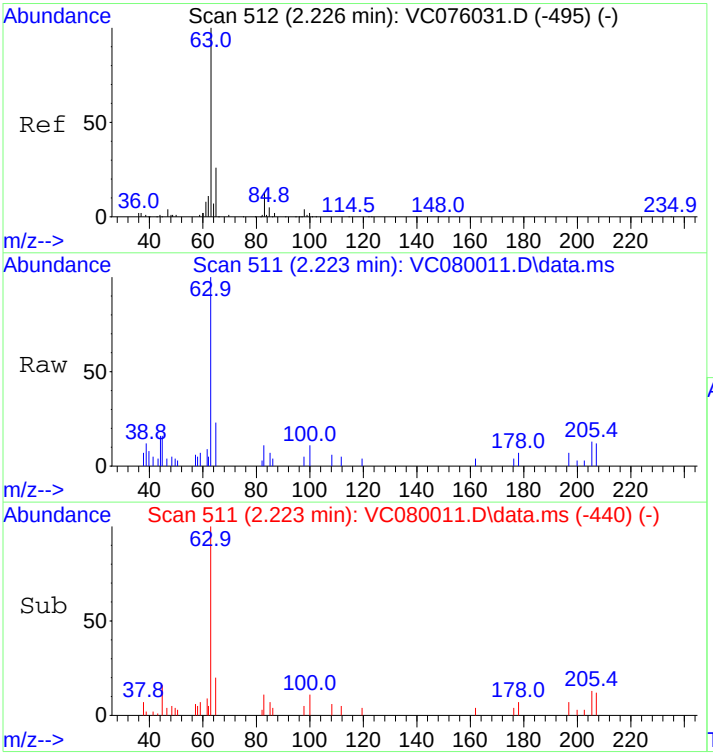


#23
METHYLENE CHLORIDE
Concen: 0.16 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.000 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion: 49 Resp: 2384

Ion	Ratio	Lower	Upper
49	100		
84	87.0	62.8	94.2
86	23.0	40.5	60.7#

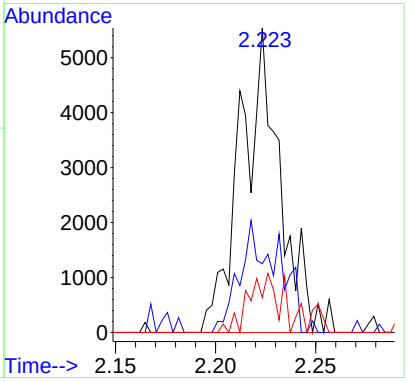


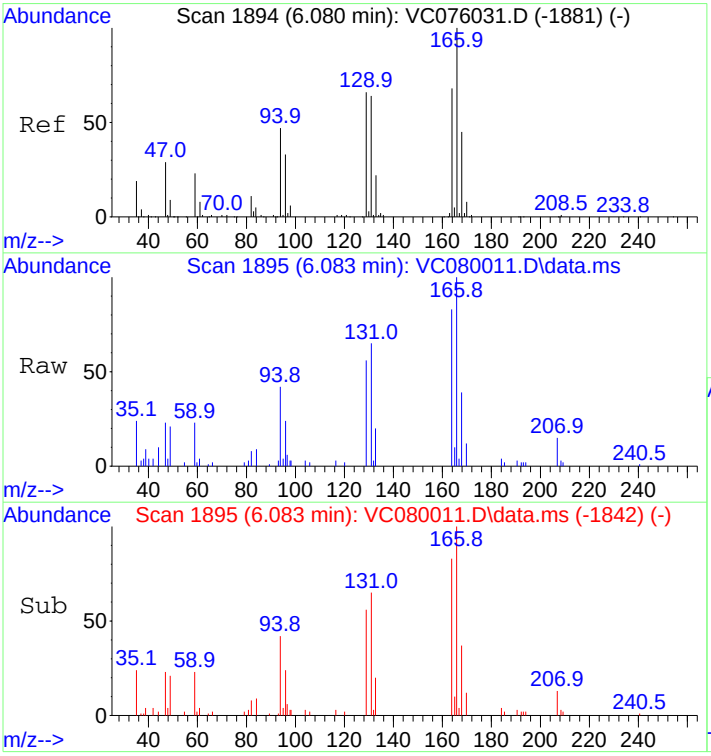


#27
1,1-DICHLOROETHANE
Concen: 0.36 UG/L m
RT: 2.223 min Scan# 511
Delta R.T. 0.003 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion: 63 Resp: 7585

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#
83	15.1	10.2	15.4

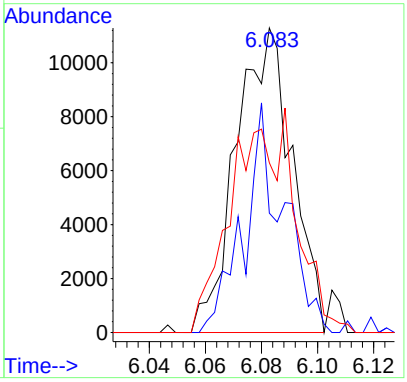




#66
TETRACHLOROETHENE
Concen: 1.39 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC080011.D
Acq: 20 Mar 2012 10:34 am

Tgt Ion:166 Resp: 15685

Ion	Ratio	Lower	Upper
166	100		
168	37.1	38.2	57.2#
129	81.5	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

MW-48C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-05	File ID:	VC080012.D
Sampled:	03/13/12 12:32	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-48C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-05	File ID:	VC080012.D
Sampled:	03/13/12 12:32	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	16	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.9	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-48C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-05	File ID:	VC080012.D
Sampled:	03/13/12 12:32	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.3	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	34	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	4.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-48C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-05	File ID:	VC080012.D
Sampled:	03/13/12 12:32	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032012\
Data File : VC080012.D
Acq On : 20 Mar 2012 11:04 am
Operator :
Sample : 12C0442-05 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

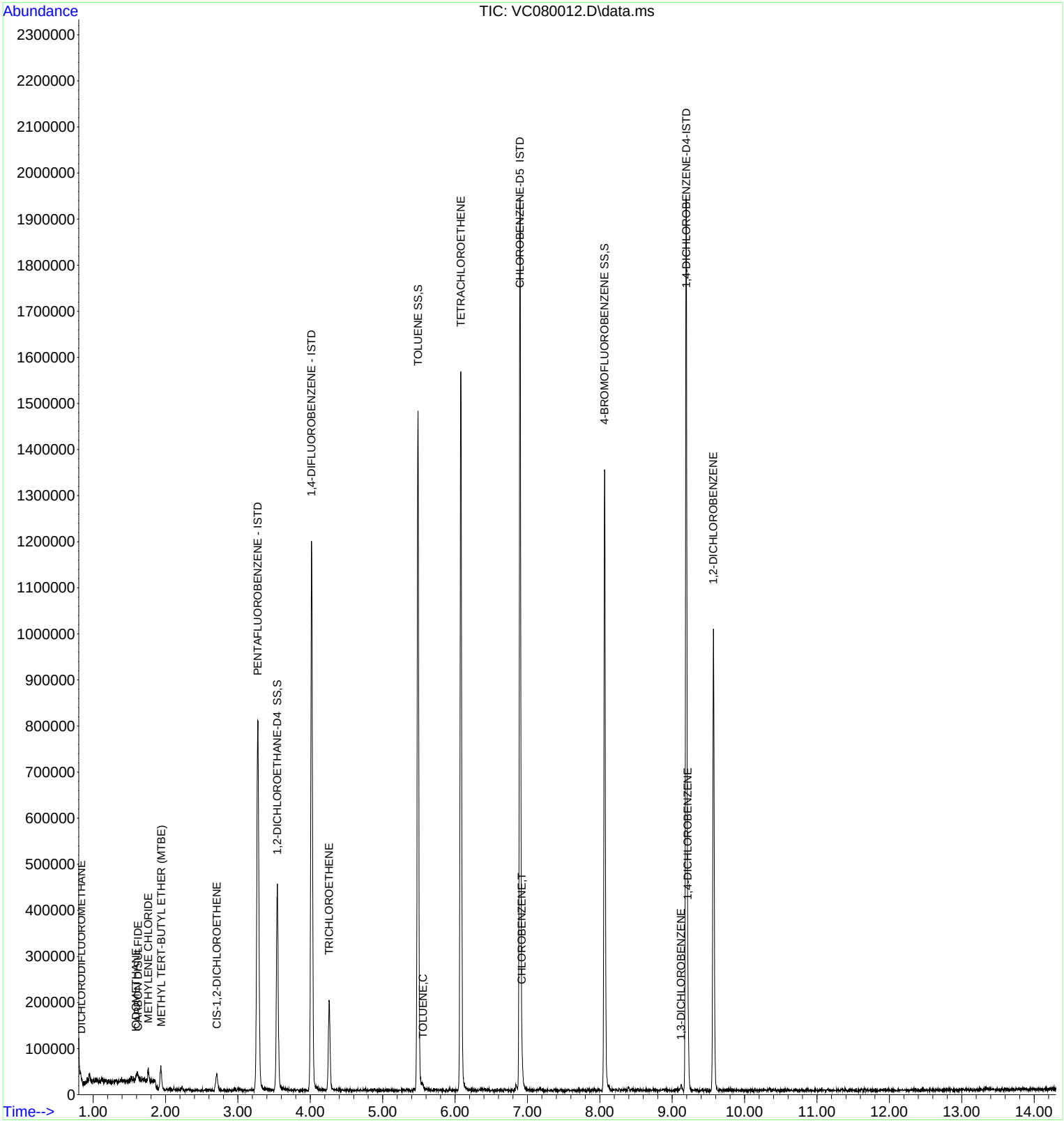
Quant Time: Mar 21 10:05:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

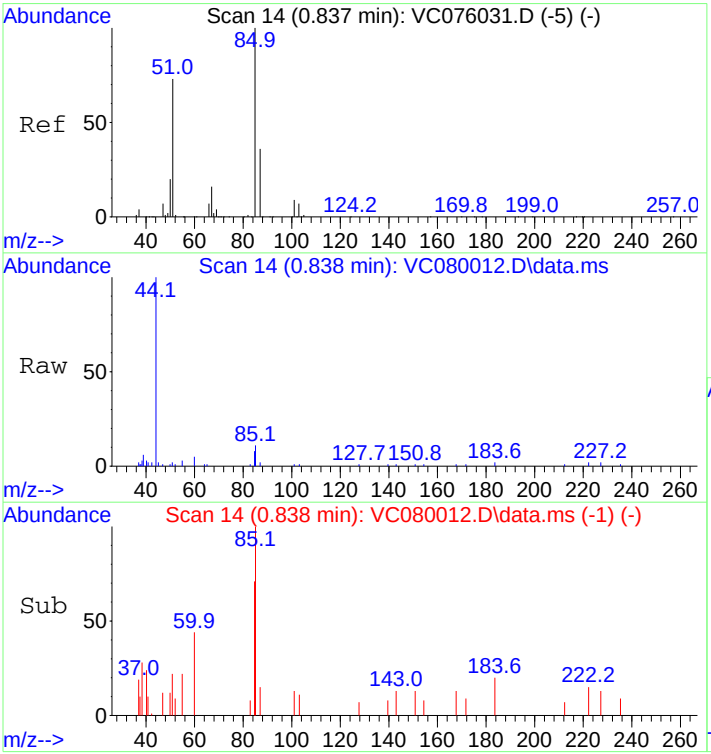
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	540534	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	815104	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	491490	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	420214	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	324917	23.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.48%			
49) TOLUENE SS	5.489	98	811687	25.20	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.80%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	364804	24.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	1538	0.11	UG/L #	42
7) BROMOMETHANE	1.022	94	666	Below Cal		90
13) ACROLEIN	1.568	56	503	Below Cal	#	1
17) IODOMETHANE	1.593	142	3326	5.80	UG/L #	81
23) METHYLENE CHLORIDE	1.761	49	9312	0.64	UG/L #	91
24) CARBON DISULFIDE	1.618	76	4156	0.13	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.942	73	32298	1.26	UG/L #	88
33) CIS-1,2-DICHLOROETHENE	2.709	61	11495	0.53	UG/L #	73
51) TRICHLOROETHENE	4.259	95	55996	4.68	UG/L	98
61) TOLUENE	5.556	91	5303	0.11	UG/L	91
66) TETRACHLOROETHENE	6.080	166	380988	33.68	UG/L	97
72) CHLOROBENZENE	6.922	112	17576	0.60	UG/L #	86
93) 1,3-DICHLOROBENZENE	9.120	146	2341	0.11	UG/L #	76
95) 1,4-DICHLOROBENZENE	9.215	146	46134	1.94	UG/L #	92
97) 1,2-DICHLOROBENZENE	9.569	146	318741	15.53	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080012.D
Acq On : 20 Mar 2012 11:04 am
Operator :
Sample : 12C0442-05 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 21 10:05:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

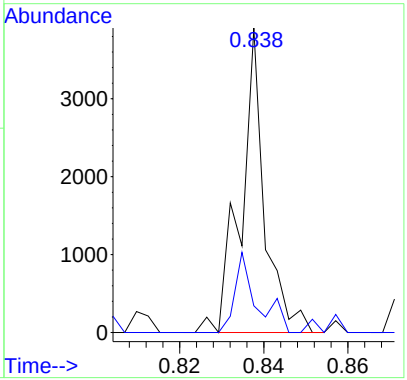


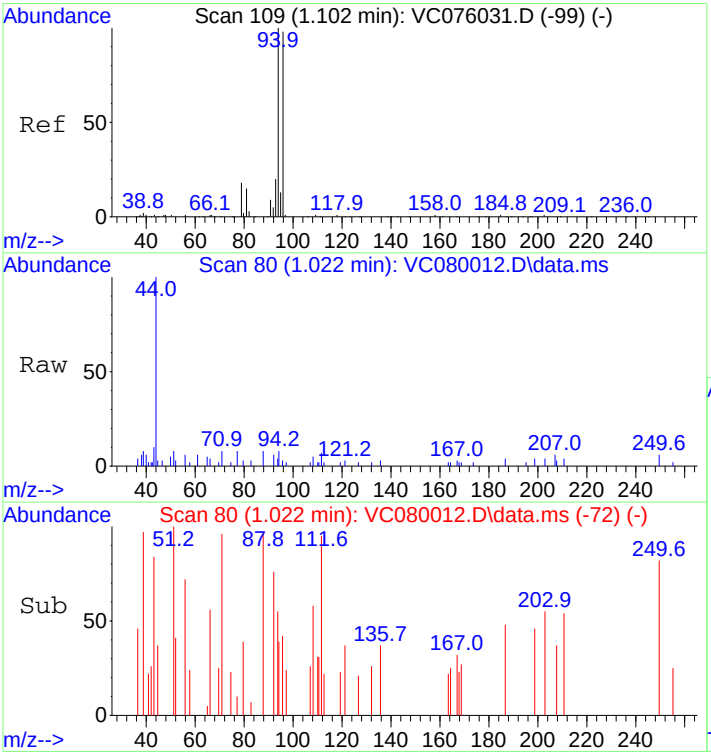


#3
DICHLORODIFLUOROMETHANE
Concen: 0.11 UG/L
RT: 0.838 min Scan# 14
Delta R.T. 0.001 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 85 Resp: 1538

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.0	39.0#

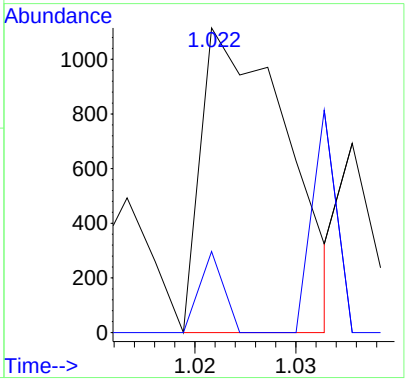


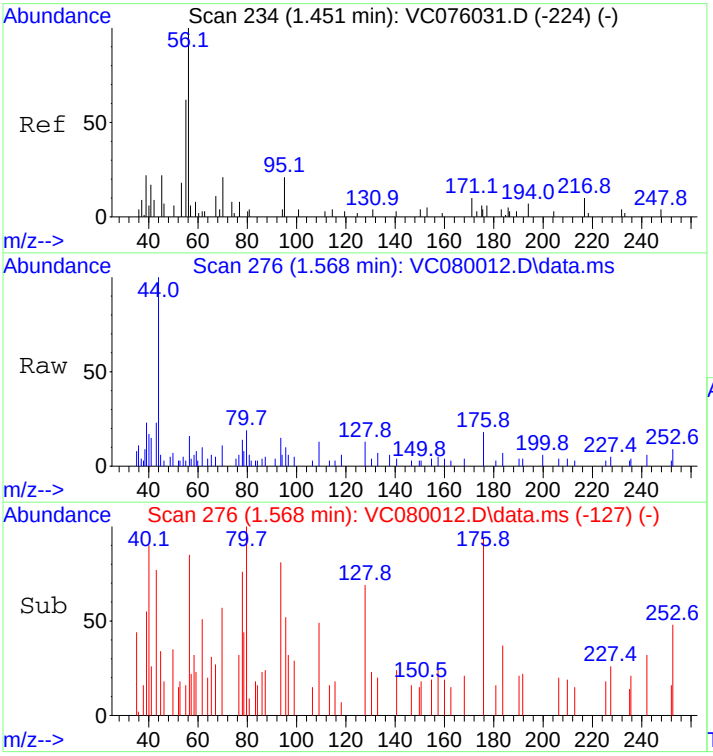


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.022 min Scan# 80
Delta R.T. -0.077 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 94 Resp: 666

Ion	Ratio	Lower	Upper
94	100		
96	86.2	76.6	114.8

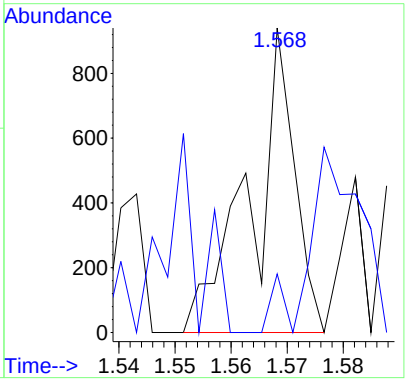


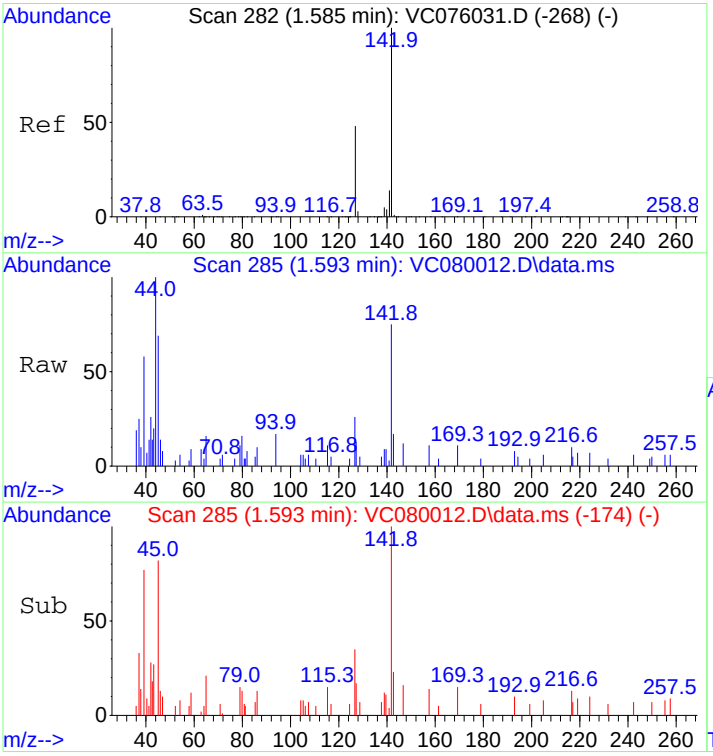


#13
ACROLEIN
Concen: Below Cal
RT: 1.568 min Scan# 276
Delta R.T. 0.115 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 56 Resp: 503

Ion	Ratio	Lower	Upper
56	100		
55	106.4	0.5	0.7#

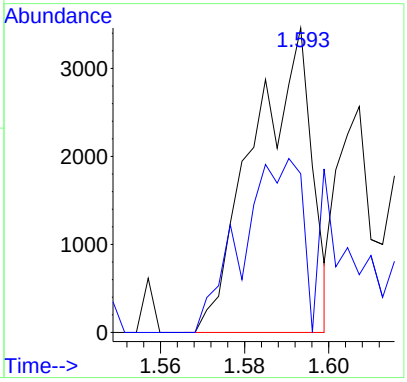


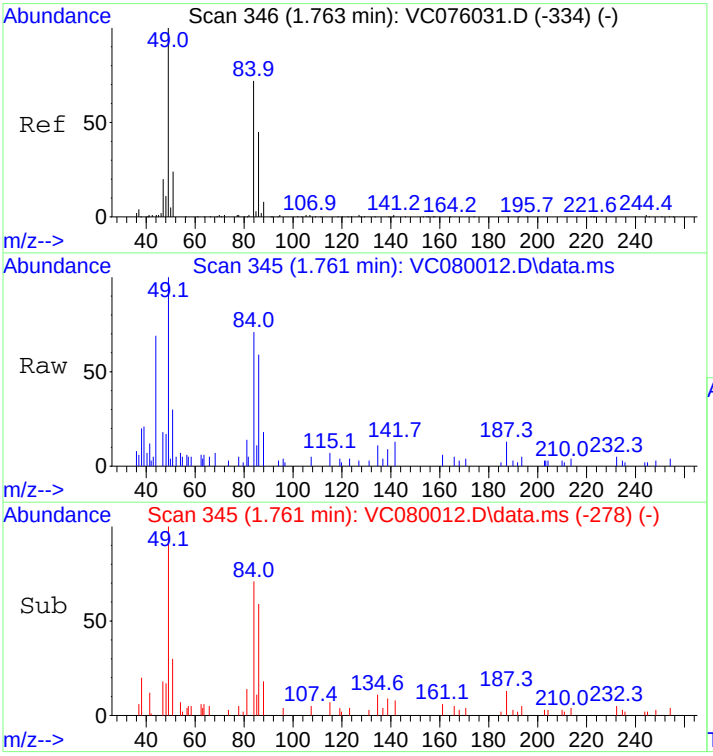


#17
IODOMETHANE
Concen: 5.80 UG/L
RT: 1.593 min Scan# 285
Delta R.T. 0.009 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:142 Resp: 3326

Ion	Ratio	Lower	Upper
142	100		
127	58.3	36.8	55.2#

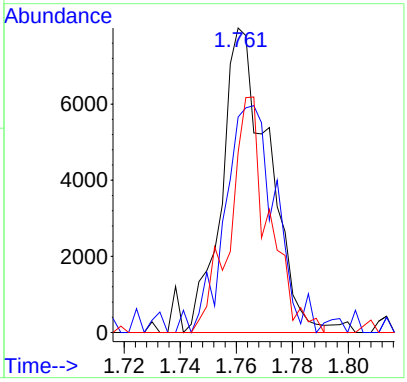


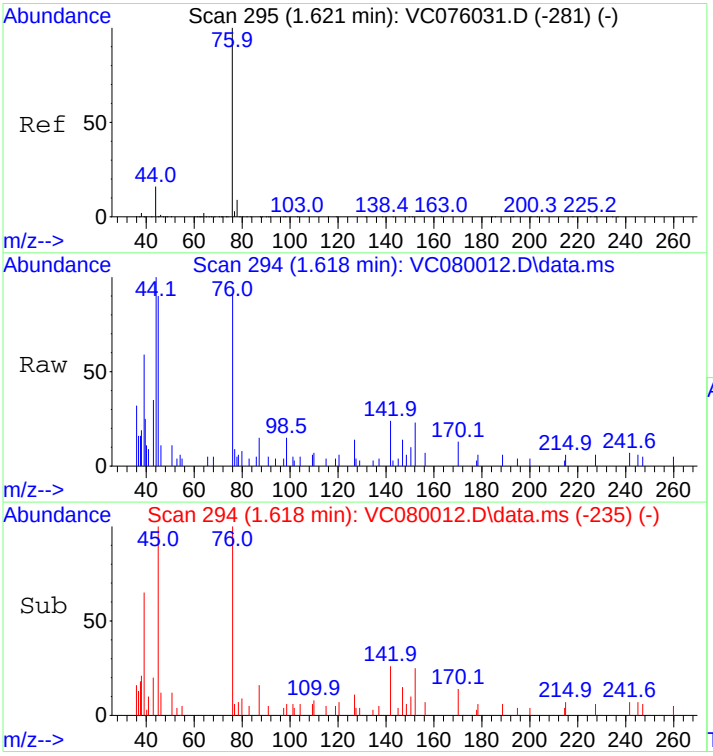


#23
METHYLENE CHLORIDE
Concen: 0.64 UG/L
RT: 1.761 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 49 Resp: 9312

Ion	Ratio	Lower	Upper
49	100		
84	80.6	62.8	94.2
86	64.0	40.5	60.7#

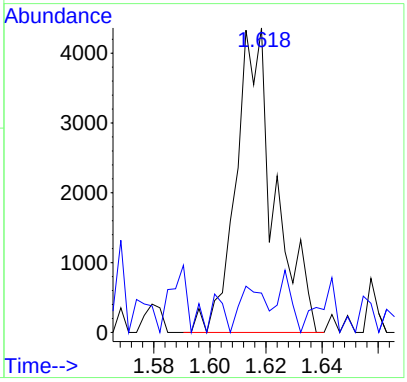


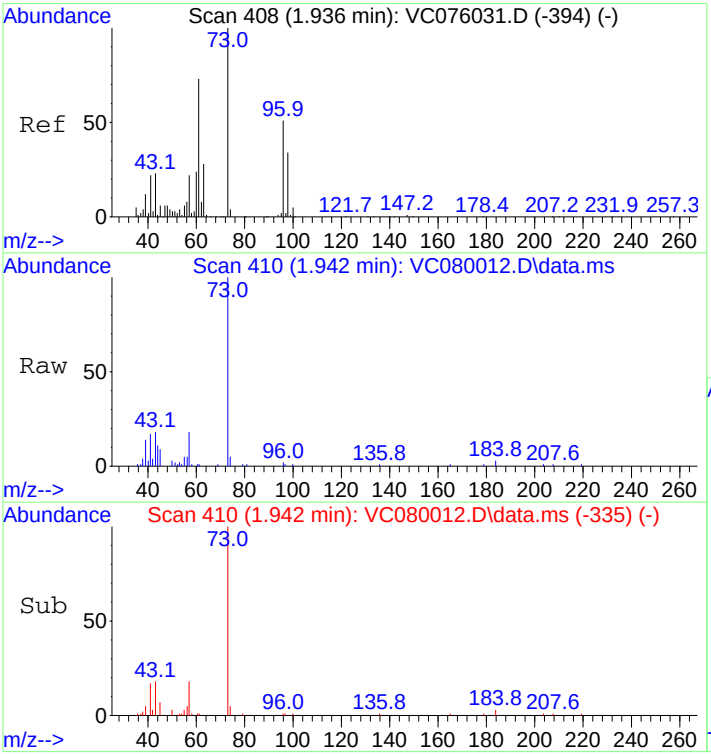


#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.618 min Scan# 294
Delta R.T. 0.000 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 76 Resp: 4156

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

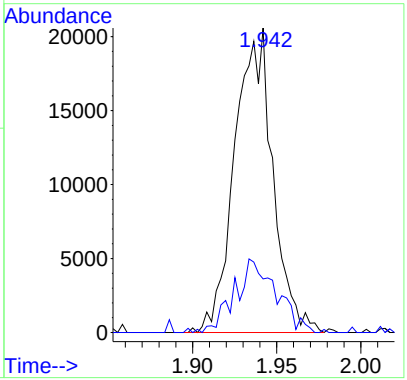


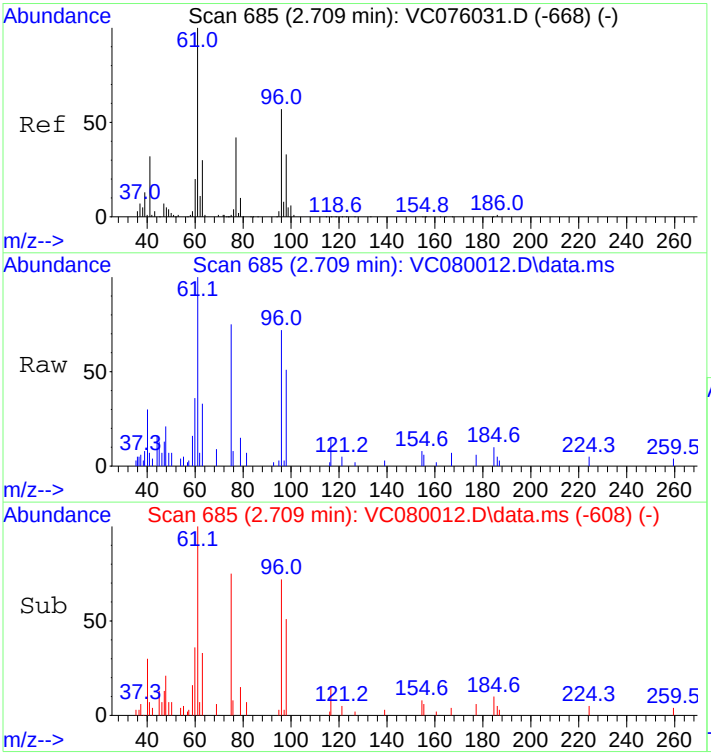


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.26 UG/L
RT: 1.942 min Scan# 410
Delta R.T. 0.009 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 73 Resp: 32298

Ion	Ratio	Lower	Upper
73	100		
57	26.4	16.7	25.1#

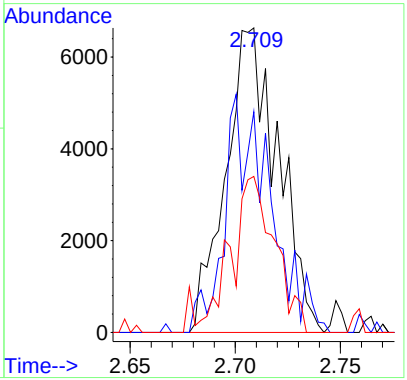


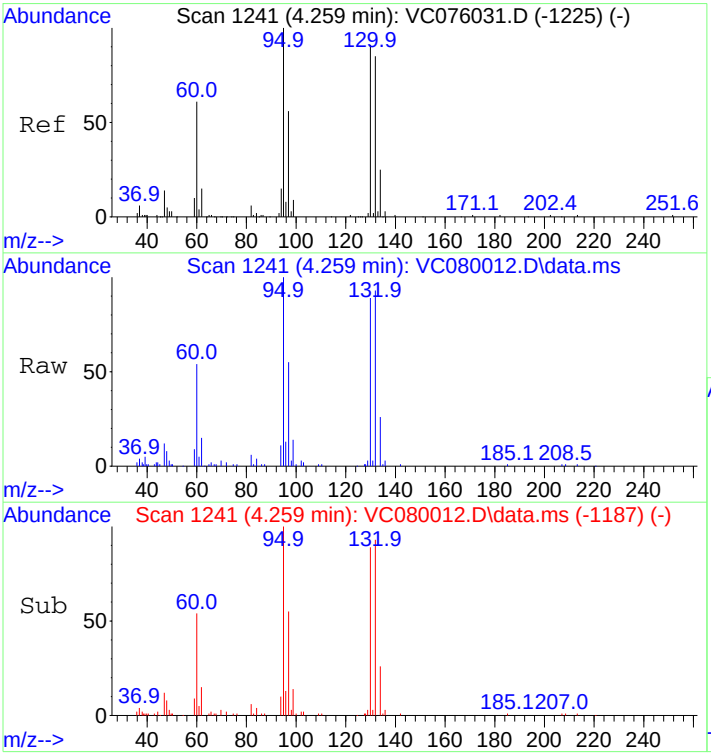


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.53 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.000 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 61 Resp: 11495

Ion	Ratio	Lower	Upper
61	100		
96	27.6	44.7	67.1#
98	42.1	29.4	44.2

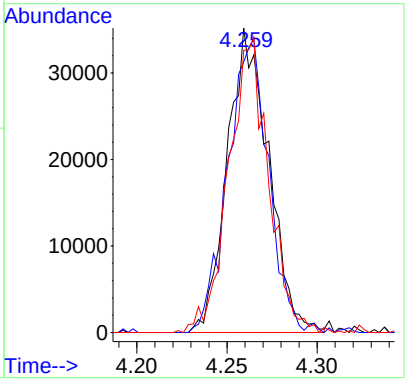


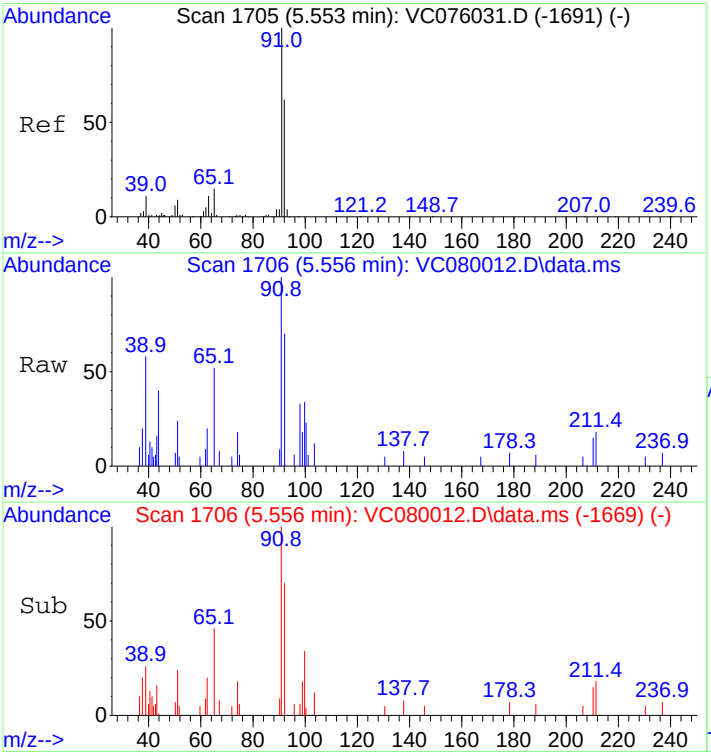


#51
TRICHLOROETHENE
Concen: 4.68 UG/L
RT: 4.259 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 95 Resp: 55996

Ion	Ratio	Lower	Upper
95	100		
130	94.9	74.8	112.2
132	93.5	72.4	108.6

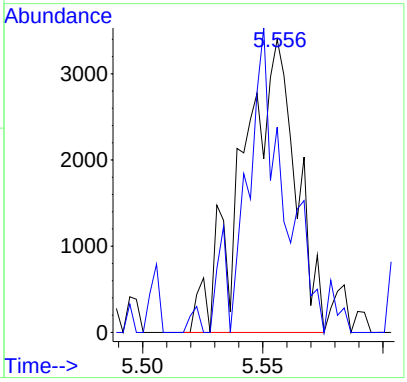


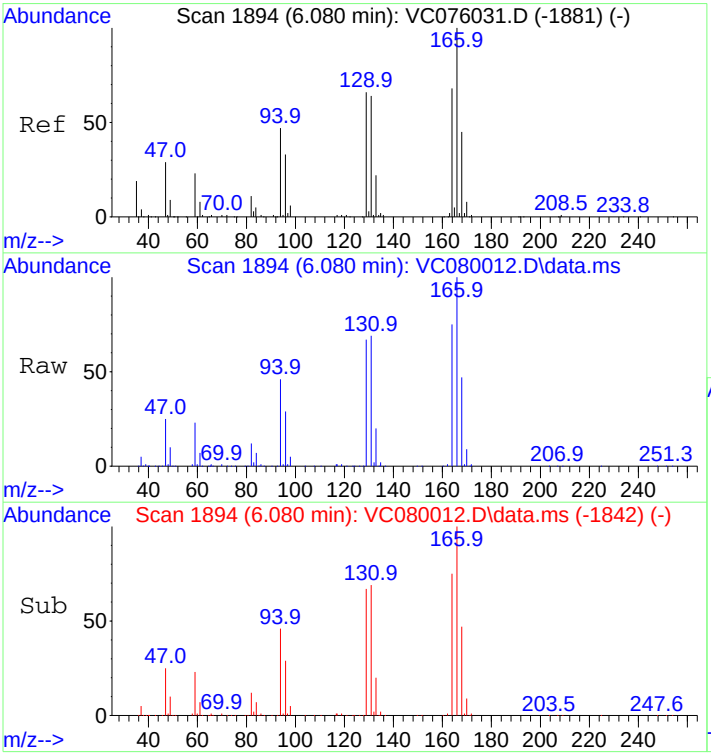


#61
TOLUENE
Concen: 0.11 UG/L
RT: 5.556 min Scan# 1706
Delta R.T. 0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion: 91 Resp: 5303

Ion	Ratio	Lower	Upper
91	100		
92	53.9	48.6	73.0

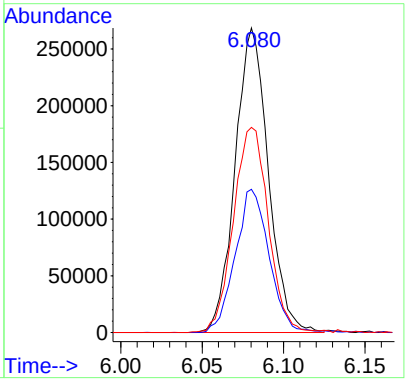


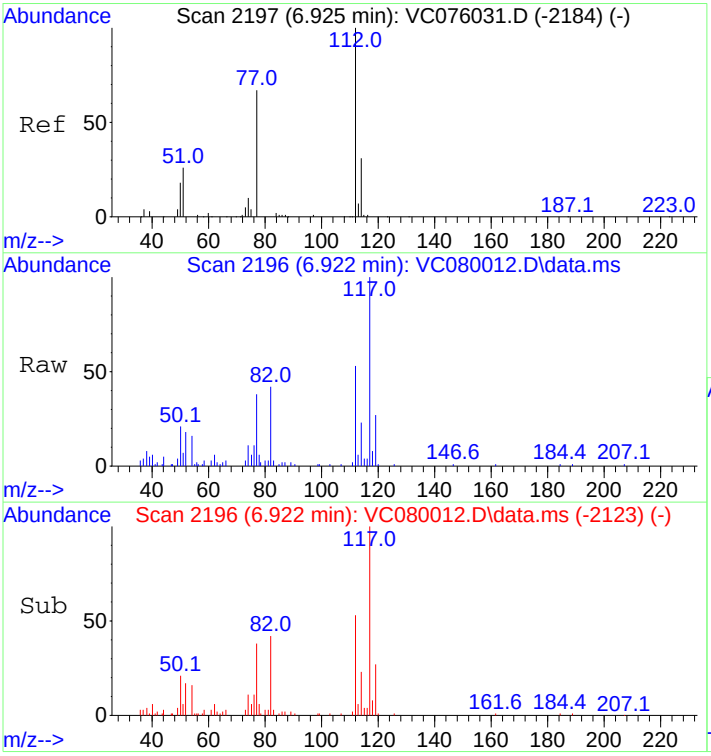


#66
TETRACHLOROETHENE
Concen: 33.68 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:166 Resp: 380988

Ion	Ratio	Lower	Upper
166	100		
168	48.0	38.2	57.2
129	70.8	59.8	89.6

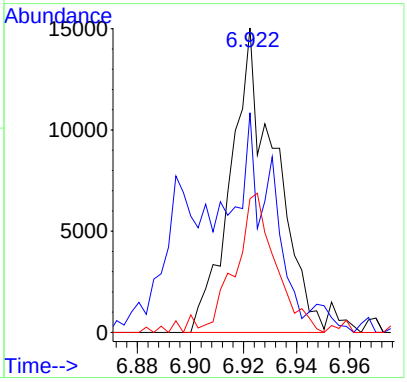


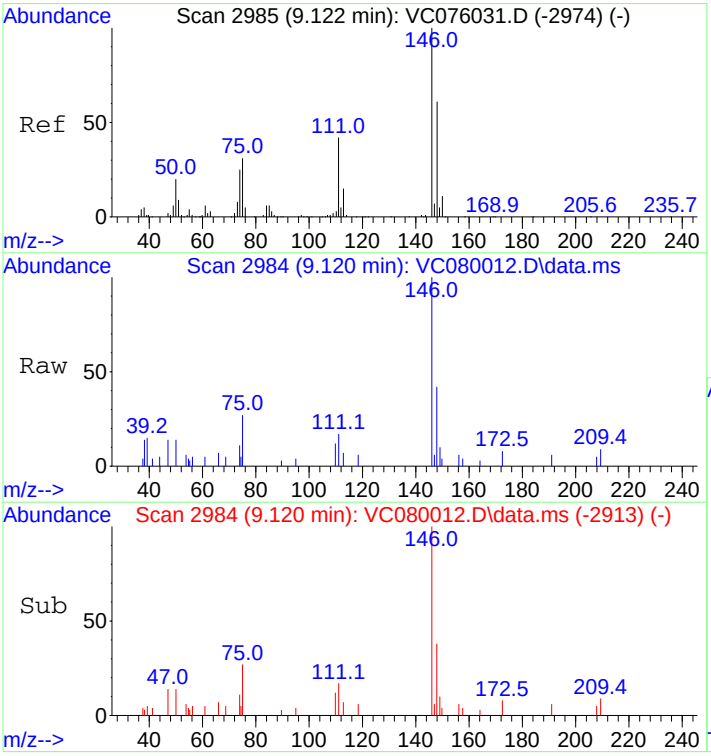


#72
CHLOROBENZENE
Concen: 0.60 UG/L
RT: 6.922 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:112 Resp: 17576

Ion	Ratio	Lower	Upper
112	100		
77	52.2	50.5	75.7
114	40.7	26.0	39.0#

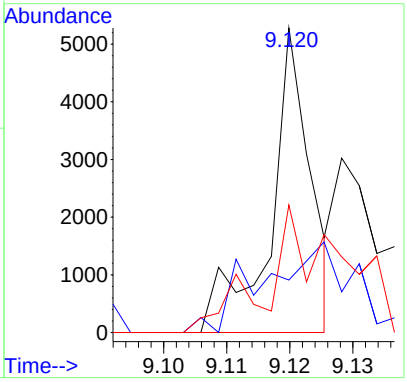


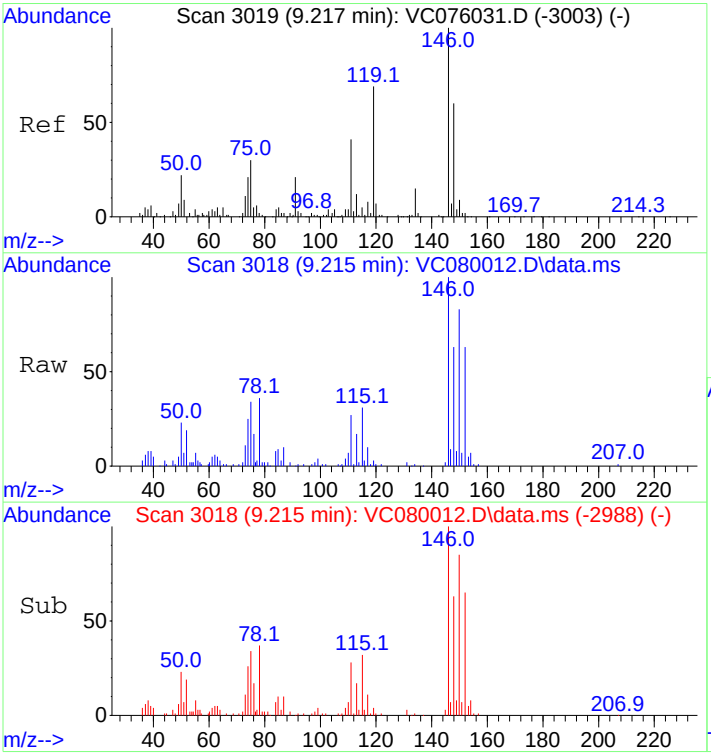


#93
1,3-DICHLOROBENZENE
Concen: 0.11 UG/L
RT: 9.120 min Scan# 2984
Delta R.T. -0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:146 Resp: 2341

Ion	Ratio	Lower	Upper
146	100		
111	66.0	35.0	52.4#
148	77.9	51.3	76.9#

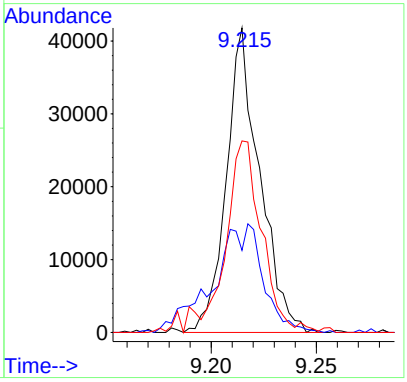


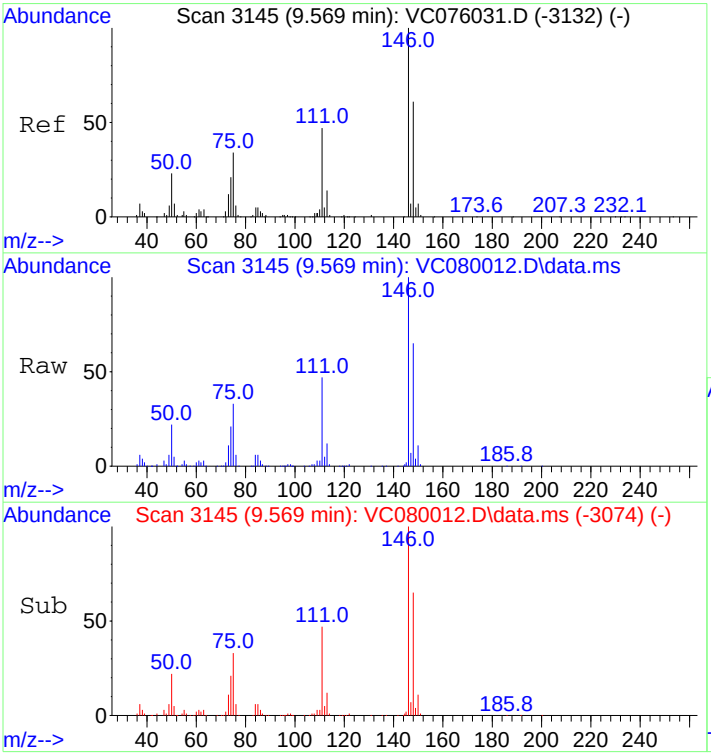


#95
1,4-DICHLOROBENZENE
Concen: 1.94 UG/L
RT: 9.215 min Scan# 3018
Delta R.T. -0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:146 Resp: 46134

Ion	Ratio	Lower	Upper
146	100		
111	33.1	34.1	51.1#
148	61.5	51.2	76.8

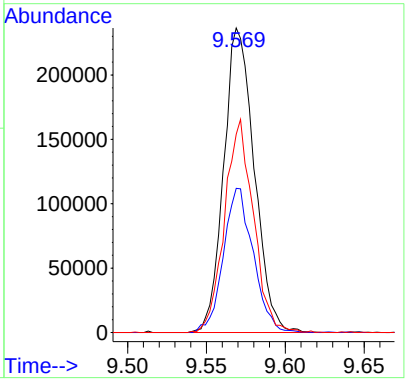




#97
1,2-DICHLOROBENZENE
Concen: 15.53 UG/L
RT: 9.569 min Scan# 3145
Delta R.T. -0.003 min
Lab File: VC080012.D
Acq: 20 Mar 2012 11:04 am

Tgt Ion:146 Resp: 318741

Ion	Ratio	Lower	Upper
146	100		
111	46.2	36.2	54.4
148	65.9	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-06	File ID:	VC080013.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-06	File ID:	VC080013.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	2.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-06	File ID:	VC080013.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-06	File ID:	VC080013.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 11:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080013.D
Acq On : 20 Mar 2012 11:34 am
Operator :
Sample : 12C0442-06 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

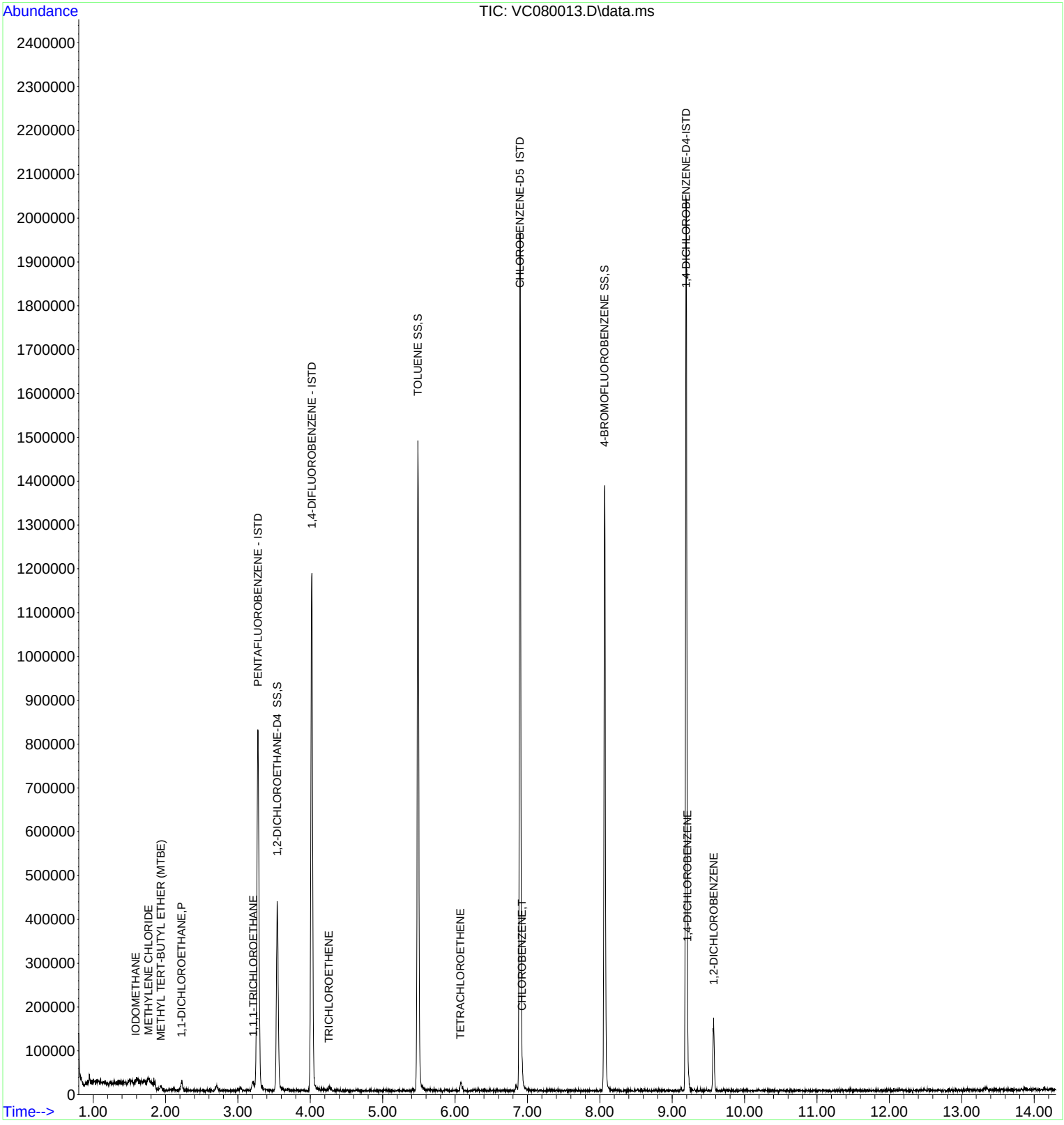
Quant Time: Mar 21 10:06:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

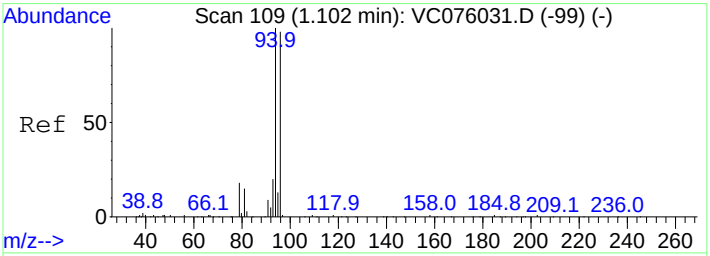
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	540245	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	824103	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	499427	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	418238	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	327345	23.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.24%				
49) TOLUENE SS	5.486	98	823085	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	380560	25.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.105	94	1343	Below Cal		#	50
17) IODOMETHANE	1.587	142	2093	5.74	UG/L	#	66
23) METHYLENE CHLORIDE	1.766	49	5116	0.35	UG/L	#	85
25) METHYL TERT-BUTYL ETHE...	1.936	73	6118	0.24	UG/L	#	88
27) 1,1-DICHLOROETHANE	2.220	63	13732	0.66	UG/L	#	87
41) 1,1,1-TRICHLOROETHANE	3.213	97	13729	0.72	UG/L	#	26
51) TRICHLOROETHENE	4.256	95	2163m	0.18	UG/L		
66) TETRACHLOROETHENE	6.074	166	3849m	0.34	UG/L		
72) CHLOROBENZENE	6.925	112	9607	0.32	UG/L		88
95) 1,4-DICHLOROBENZENE	9.212	146	3726	0.16	UG/L	#	57
97) 1,2-DICHLOROBENZENE	9.574	146	47491	2.32	UG/L		98

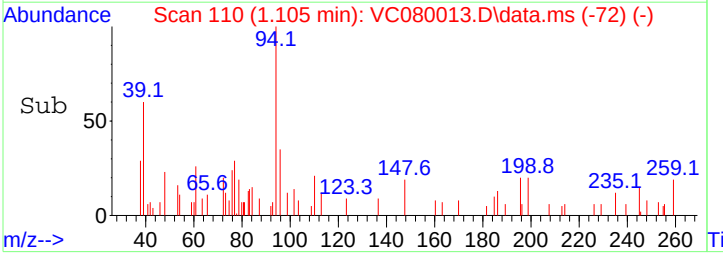
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080013.D
Acq On : 20 Mar 2012 11:34 am
Operator :
Sample : 12C0442-06 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 21 10:06:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



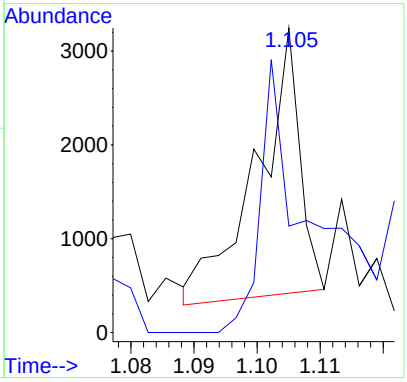


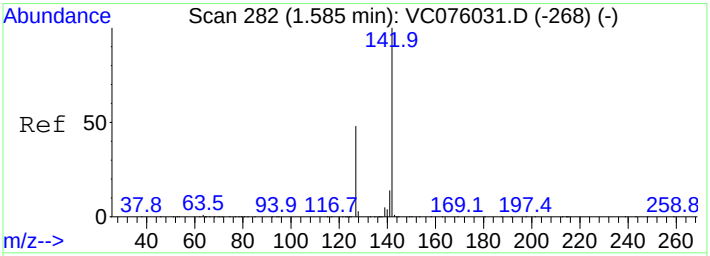


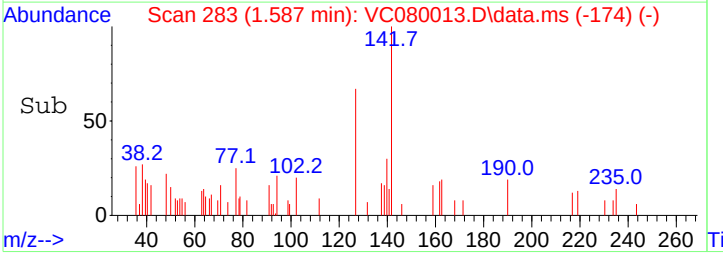
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 94 Resp: 1343

Ion	Ratio	Lower	Upper
94	100		
96	144.3	76.6	114.8#



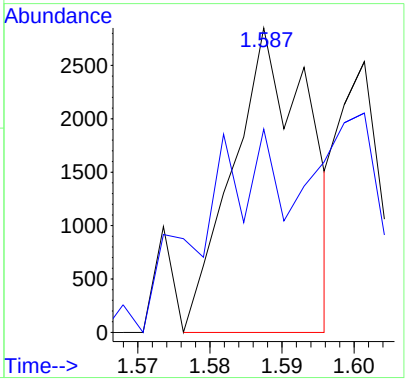


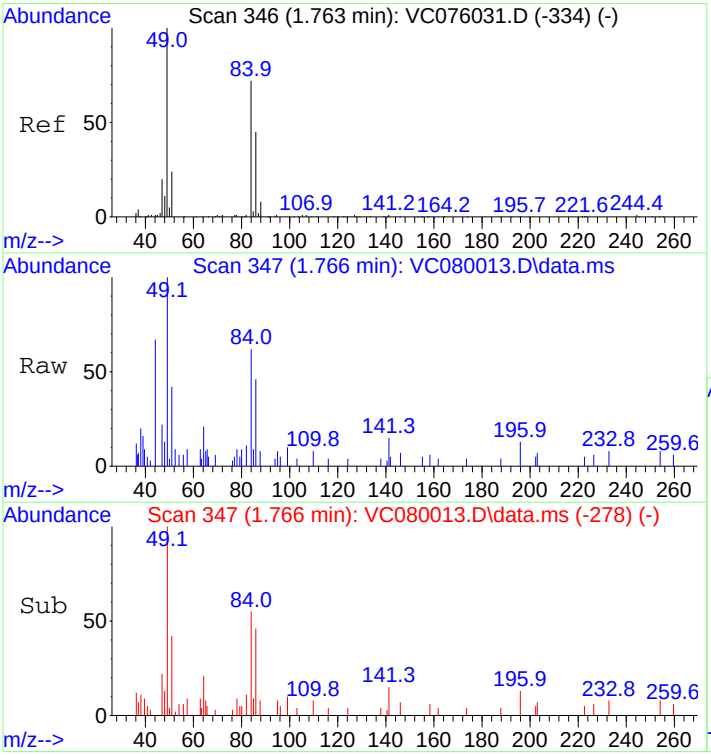


#17
IODOMETHANE
Concen: 5.74 UG/L
RT: 1.587 min Scan# 283
Delta R.T. 0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion:142 Resp: 2093

Ion	Ratio	Lower	Upper
142	100		
127	68.7	36.8	55.2#

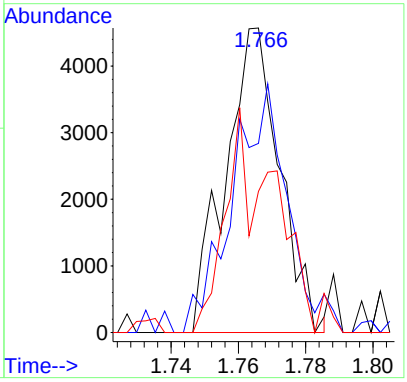


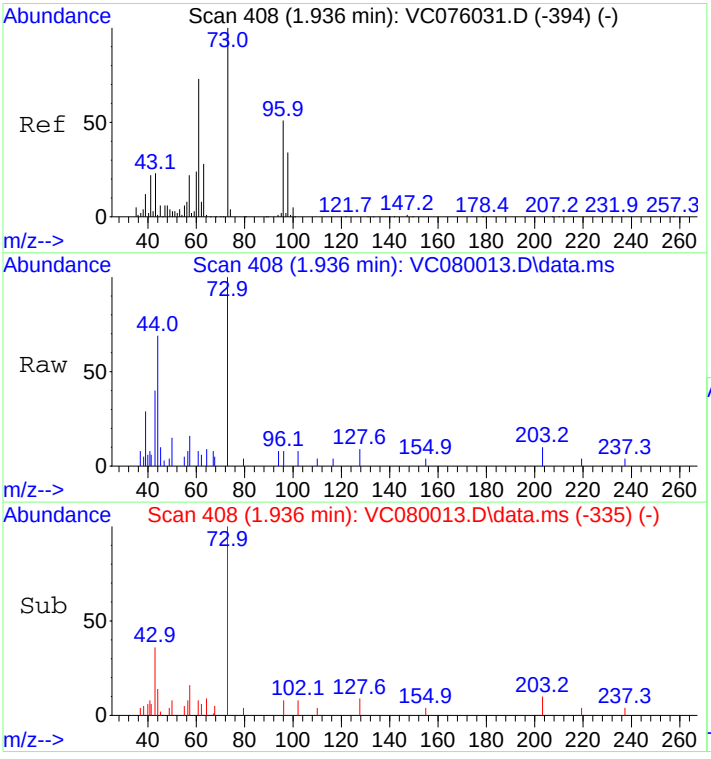


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 49 Resp: 5116

Ion	Ratio	Lower	Upper
49	100		
84	83.6	62.8	94.2
86	30.6	40.5	60.7#

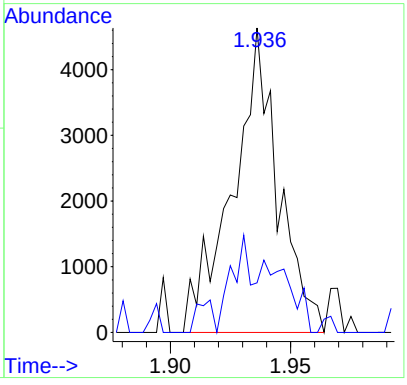


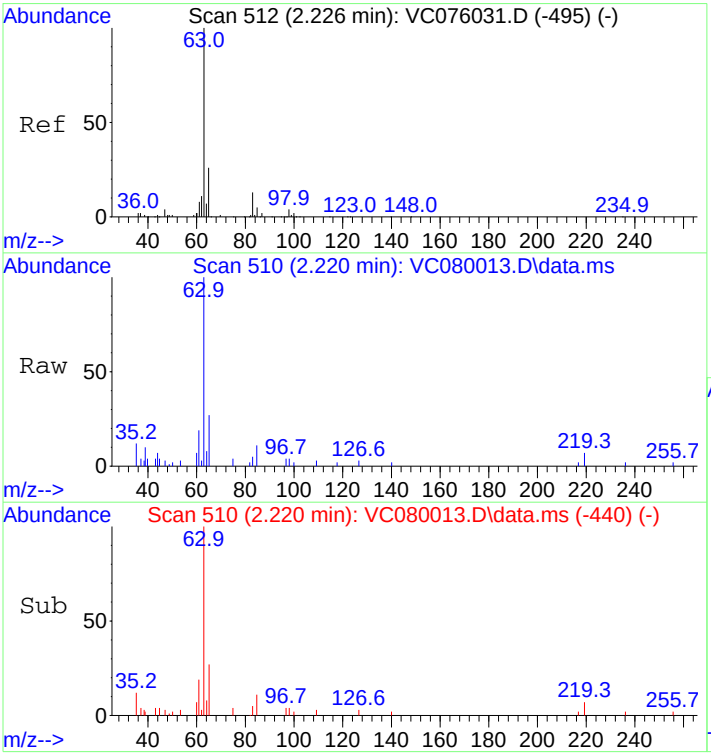


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.24 UG/L
RT: 1.936 min Scan# 408
Delta R.T. 0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 73 Resp: 6118

Ion	Ratio	Lower	Upper
73	100		
57	15.2	16.7	25.1#

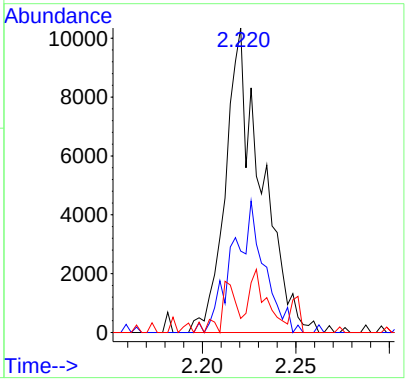


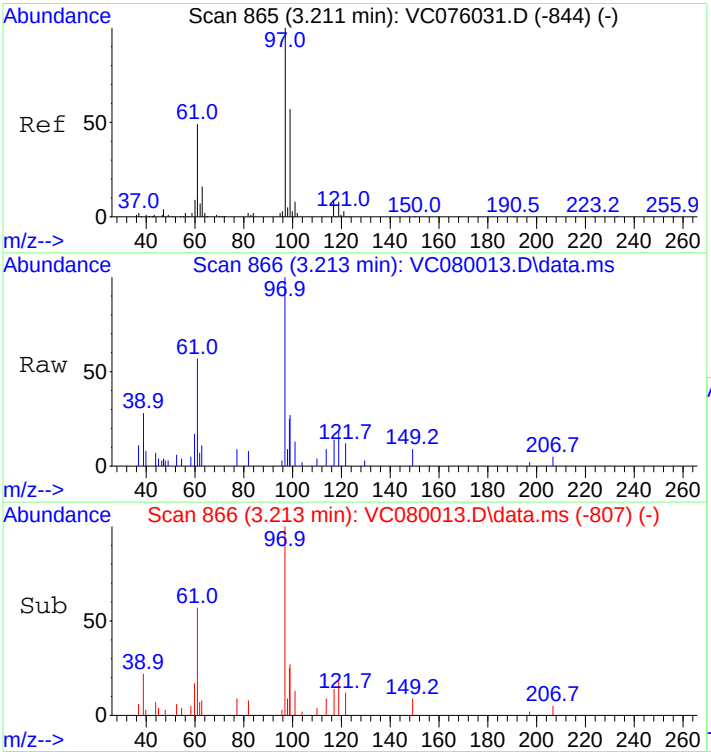


#27
1,1-DICHLOROETHANE
Concen: 0.66 UG/L
RT: 2.220 min Scan# 510
Delta R.T. -0.000 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 63 Resp: 13732

Ion	Ratio	Lower	Upper
63	100		
65	38.6	24.9	37.3#
83	8.2	10.2	15.4#

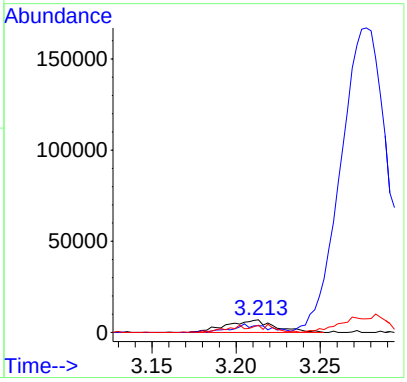


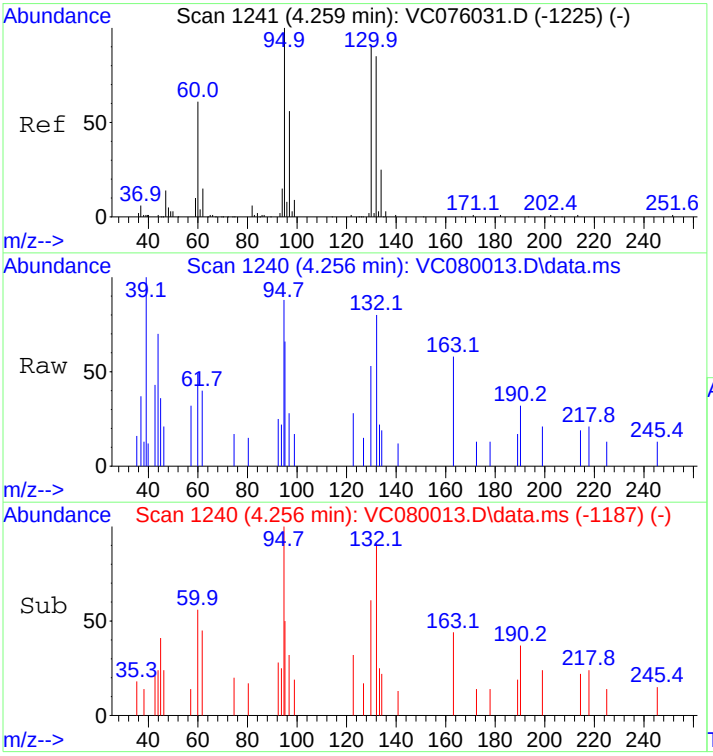


#41
1,1,1-TRICHLOROETHANE
Concen: 0.72 UG/L
RT: 3.213 min Scan# 866
Delta R.T. 0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 97 Resp: 13729

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	5.1	40.1	60.1#

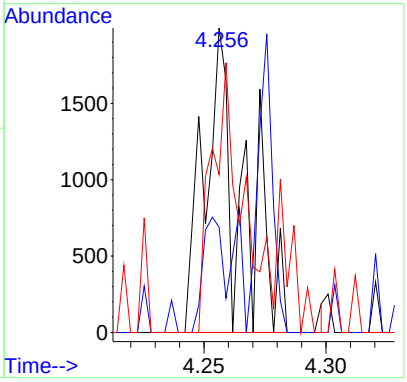


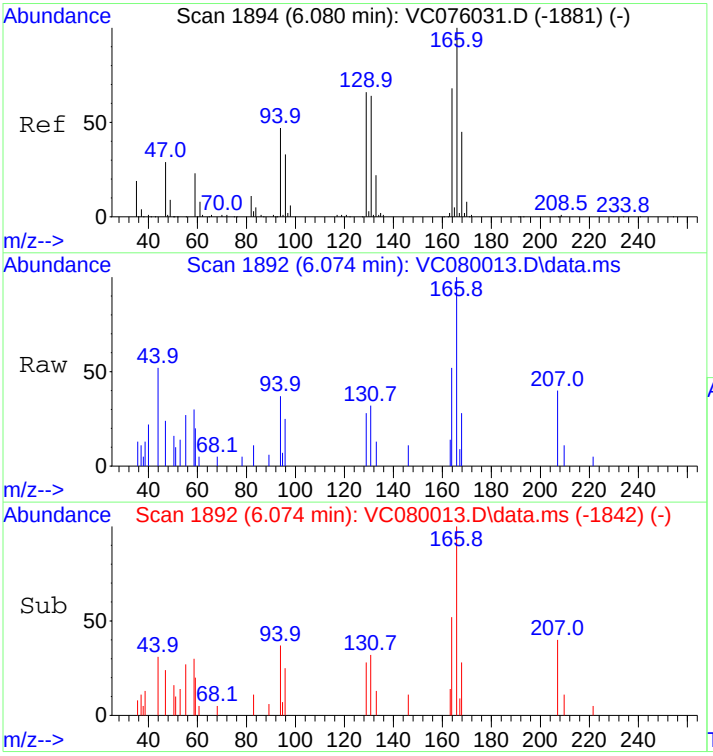


#51
TRICHLOROETHENE
Concen: 0.18 UG/L m
RT: 4.256 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion: 95 Resp: 2163

Ion	Ratio	Lower	Upper
95	100		
130	37.1	74.8	112.2#
132	66.1	72.4	108.6#

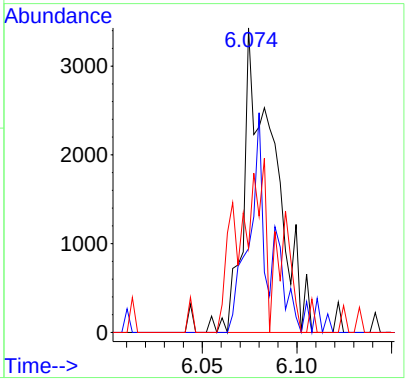


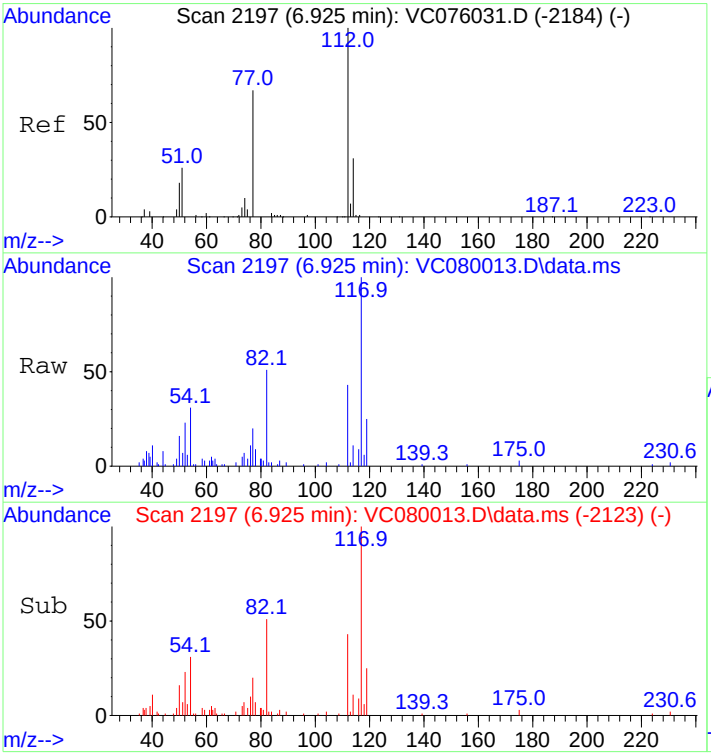


#66
TETRACHLOROETHENE
Concen: 0.34 UG/L m
RT: 6.074 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion:166 Resp: 3849

Ion	Ratio	Lower	Upper
166	100		
168	33.1	38.2	57.2#
129	32.0	59.8	89.6#

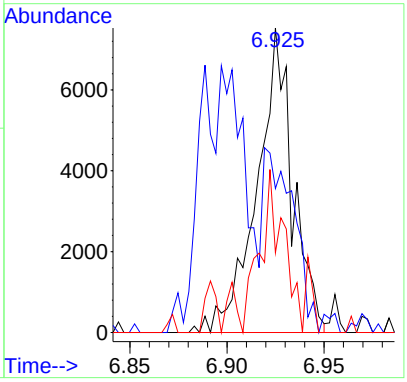


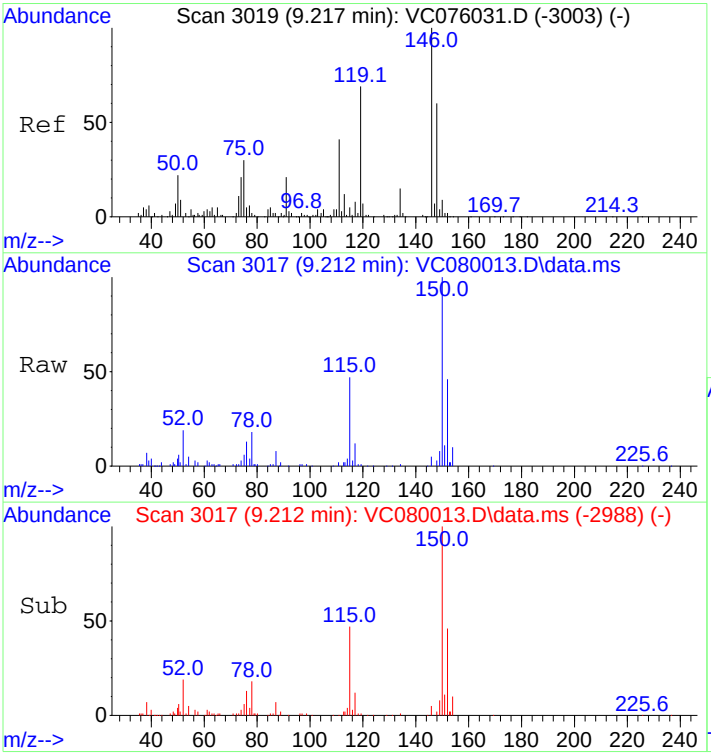


#72
CHLOROBENZENE
Concen: 0.32 UG/L
RT: 6.925 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion:112 Resp: 9607

Ion	Ratio	Lower	Upper
112	100		
77	51.4	50.5	75.7
114	35.5	26.0	39.0

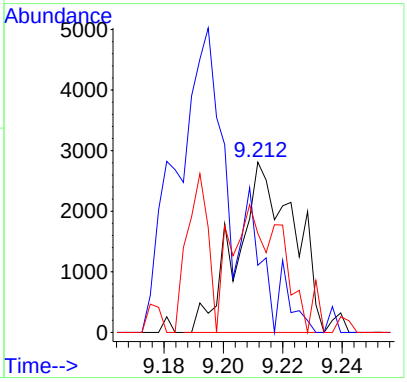


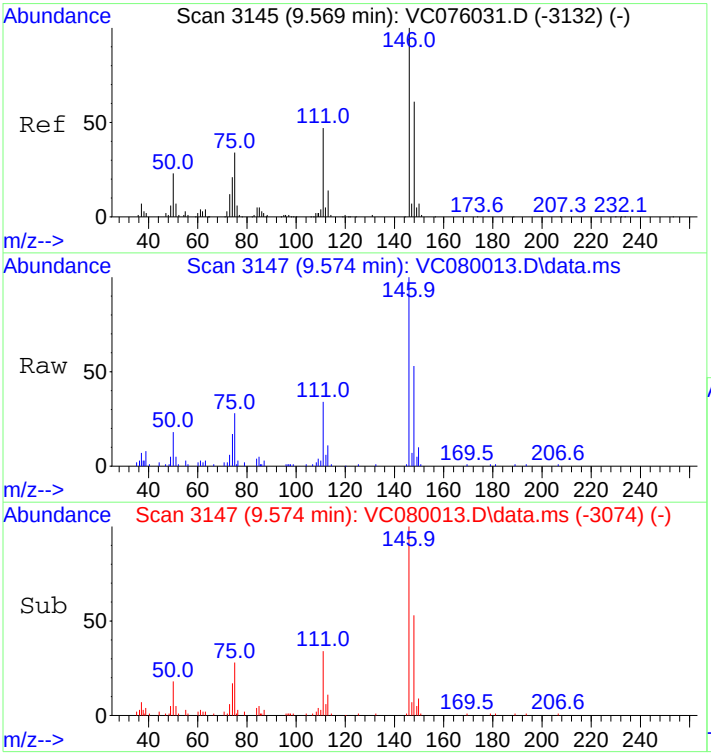


#95
1,4-DICHLOROBENZENE
Concen: 0.16 UG/L
RT: 9.212 min Scan# 3017
Delta R.T. -0.006 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion:146 Resp: 3726

Ion	Ratio	Lower	Upper
146	100		
111	0.0	34.1	51.1#
148	43.4	51.2	76.8#

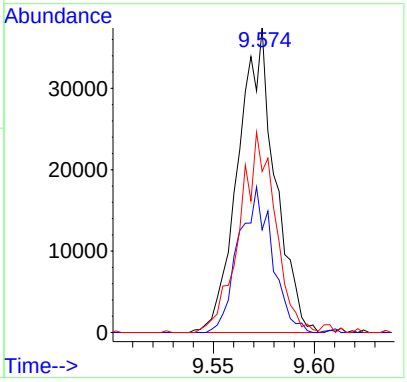




#97
1,2-DICHLOROBENZENE
Concen: 2.32 UG/L
RT: 9.574 min Scan# 3147
Delta R.T. 0.003 min
Lab File: VC080013.D
Acq: 20 Mar 2012 11:34 am

Tgt Ion:146 Resp: 47491

Ion	Ratio	Lower	Upper
146	100		
111	43.6	36.2	54.4
148	63.6	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012 1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-07	File ID:	VC080016.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012 1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-07	File ID:	VC080016.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	2.1	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012 1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-07	File ID:	VC080016.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-32C-March-2012 1

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-07	File ID:	VC080016.D
Sampled:	03/13/12 15:04	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

110

Data Path : X:\1\DATA\032012\
Data File : VC080016.D
Acq On : 20 Mar 2012 1:04 pm
Operator :
Sample : 12C0442-07 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

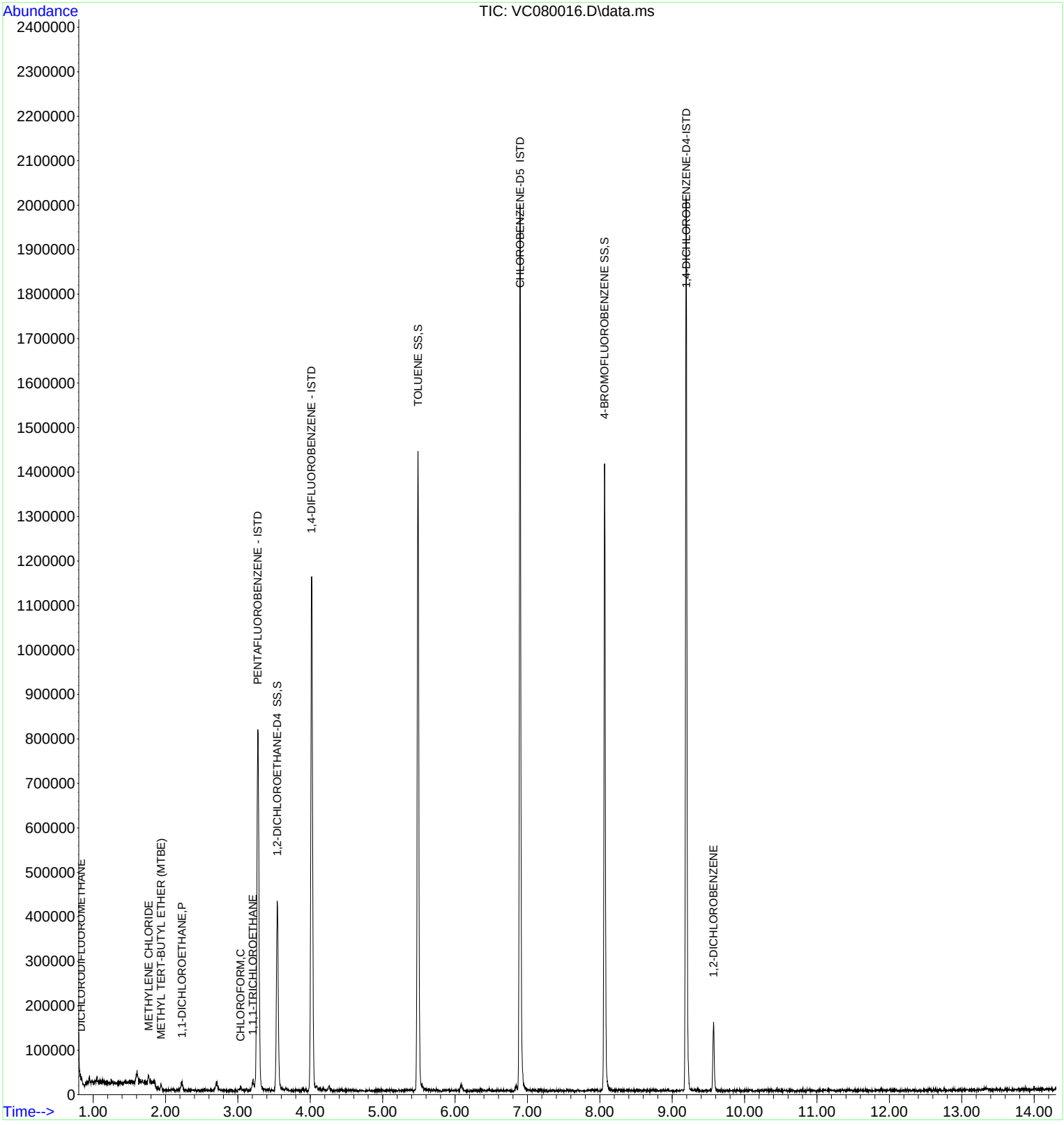
Quant Time: Mar 21 10:11:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

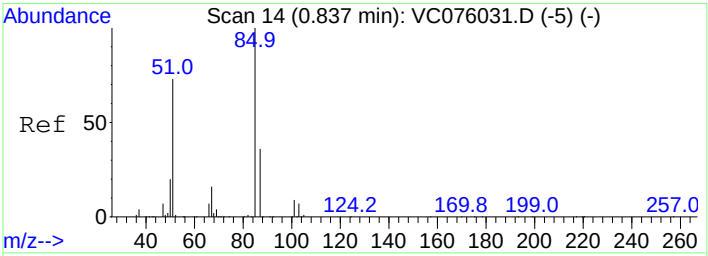
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	540163	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	818116	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	499246	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	422067	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	324678	23.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.48%			
49) TOLUENE SS	5.489	98	807120	24.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	374592	24.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.44%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	1640	0.12	UG/L	# 83
7) BROMOMETHANE	1.111	94	1694	Below Cal		# 42
23) METHYLENE CHLORIDE	1.769	49	5084m	0.35	UG/L	
25) METHYL TERT-BUTYL ETHE...	1.939	73	5793m	0.23	UG/L	
27) 1,1-DICHLOROETHANE	2.226	63	14814	0.71	UG/L	# 83
40) CHLOROFORM	3.038	83	4195	0.20	UG/L	# 56
41) 1,1,1-TRICHLOROETHANE	3.208	97	12028	0.63	UG/L	# 62
97) 1,2-DICHLOROBENZENE	9.572	146	44173	2.14	UG/L	94

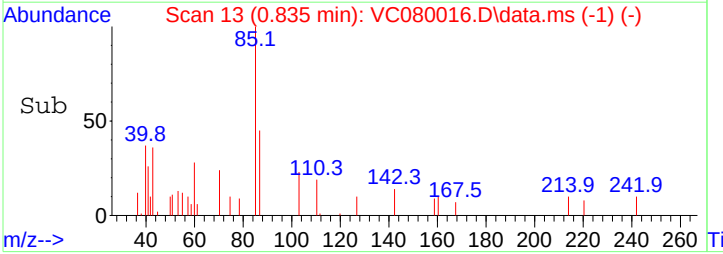
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080016.D
Acq On : 20 Mar 2012 1:04 pm
Operator :
Sample : 12C0442-07 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 21 10:11:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



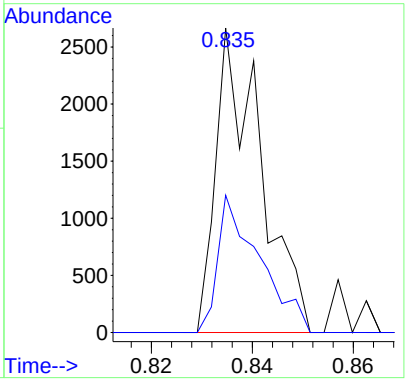


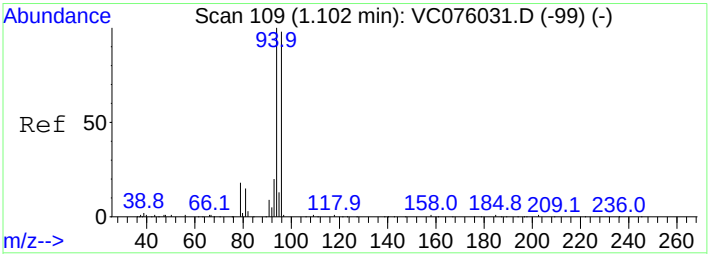


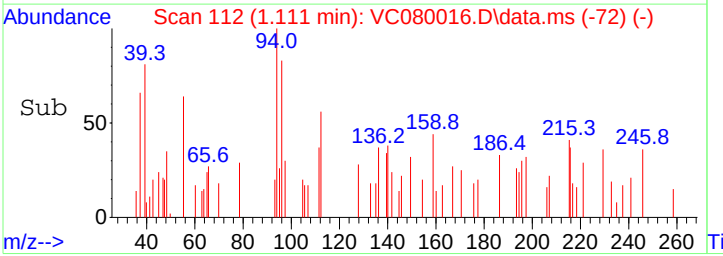
#3
DICHLORODIFLUOROMETHANE
Concen: 0.12 UG/L
RT: 0.835 min Scan# 13
Delta R.T. -0.002 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 85 Resp: 1640

Ion	Ratio	Lower	Upper
85	100		
87	42.0	26.0	39.0#



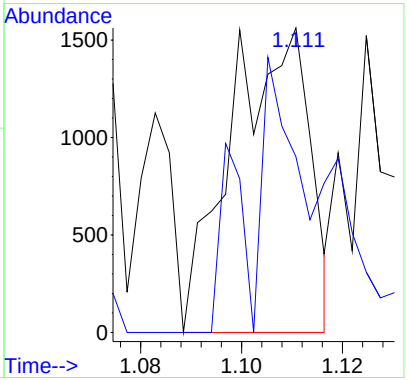


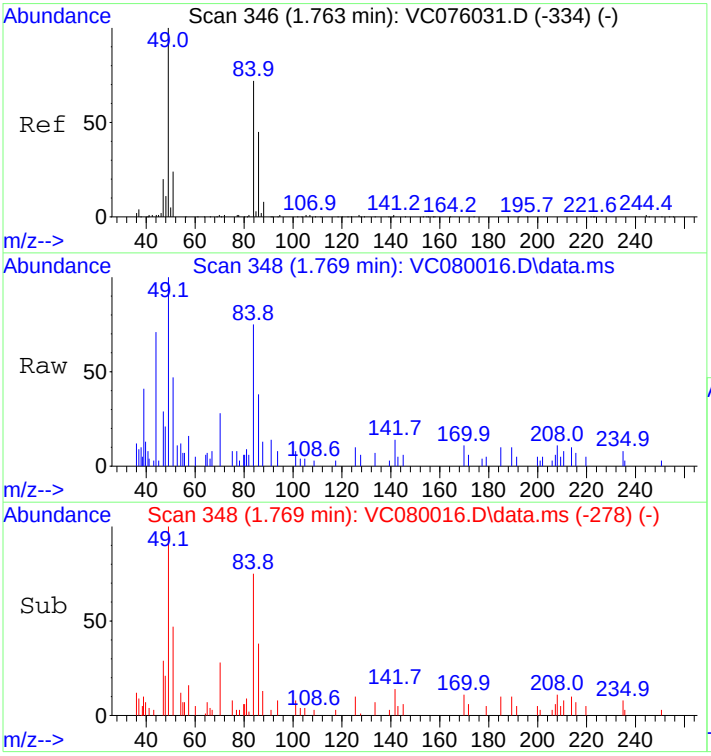


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 94 Resp: 1694

Ion	Ratio	Lower	Upper
94	100		
96	39.0	76.6	114.8#

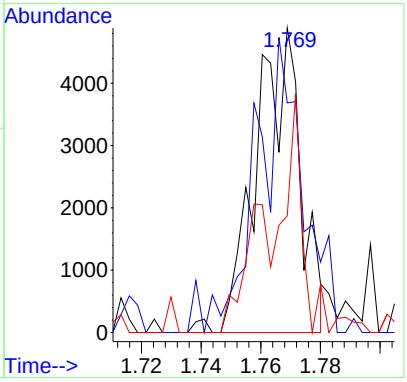


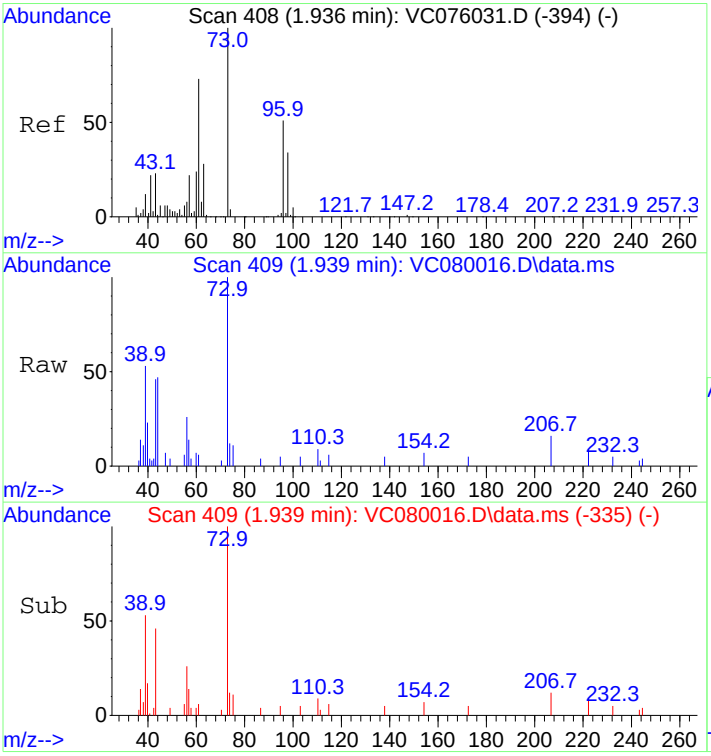


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L m
RT: 1.769 min Scan# 348
Delta R.T. 0.006 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 49 Resp: 5084

Ion	Ratio	Lower	Upper
49	100		
84	0.0	62.8	94.2#
86	24.3	40.5	60.7#

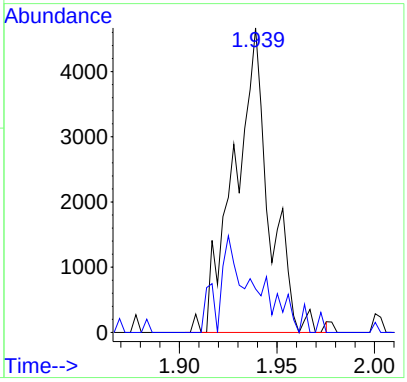


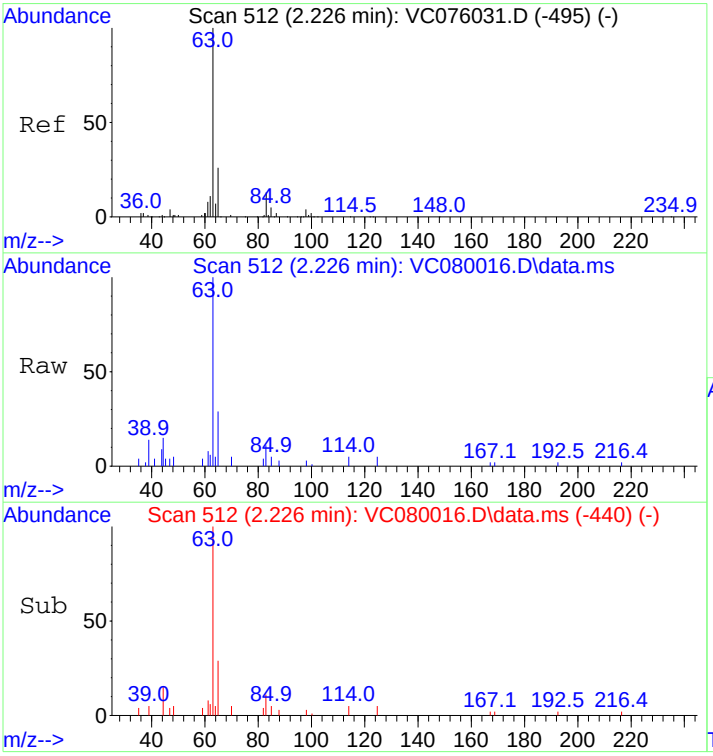


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.23 UG/L m
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 73 Resp: 5793

Ion	Ratio	Lower	Upper
73	100		
57	18.4	16.7	25.1

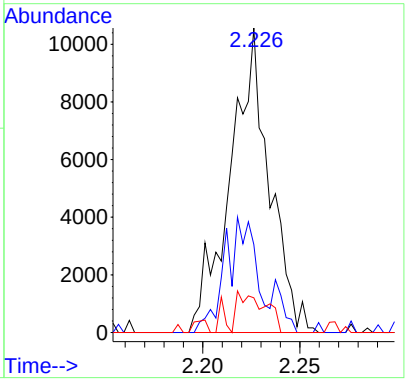


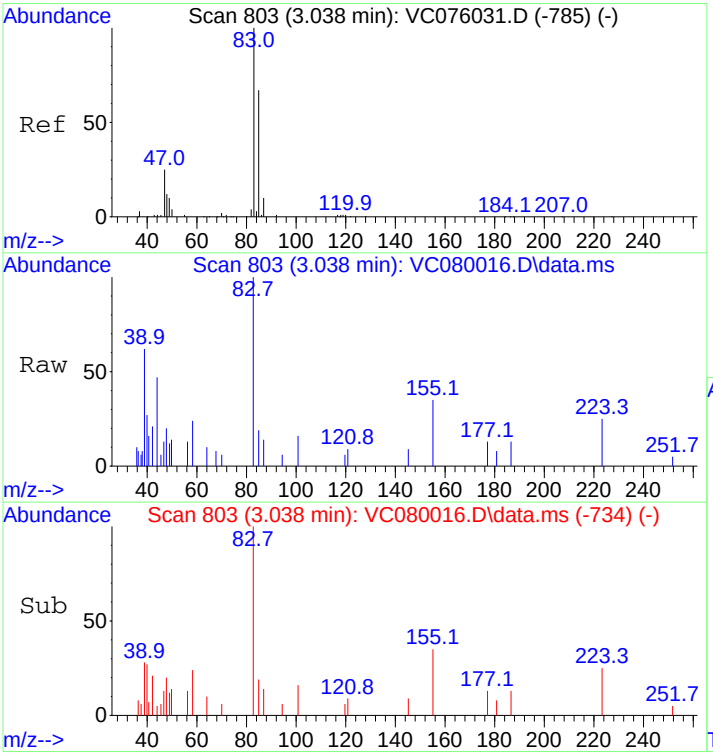


#27
1,1-DICHLOROETHANE
Concen: 0.71 UG/L
RT: 2.226 min Scan# 512
Delta R.T. 0.006 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 63 Resp: 14814

Ion	Ratio	Lower	Upper
63	100		
65	19.4	24.9	37.3#
83	9.6	10.2	15.4#

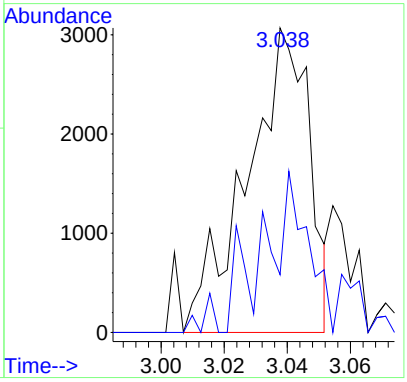


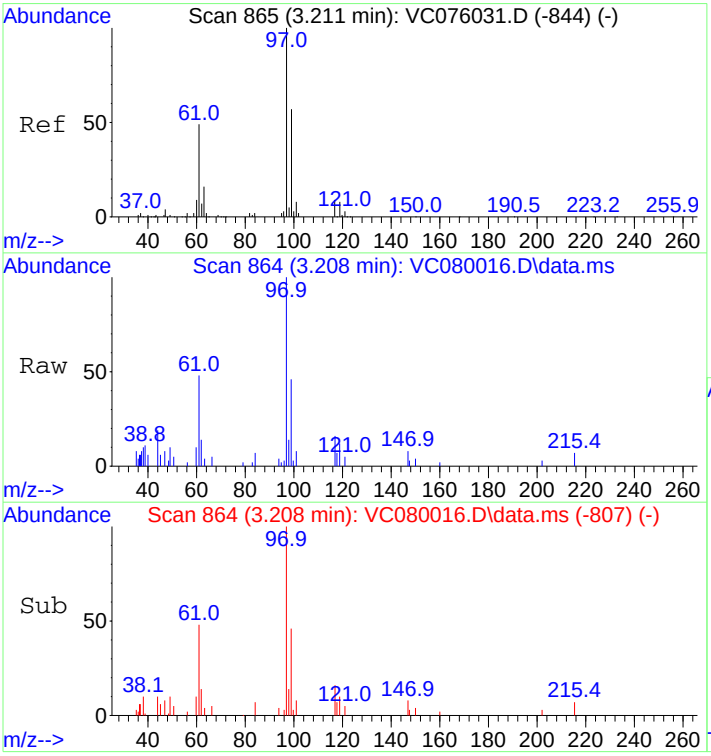


#40
CHLOROFORM
Concen: 0.20 UG/L
RT: 3.038 min Scan# 803
Delta R.T. 0.003 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 83 Resp: 4195

Ion	Ratio	Lower	Upper
83	100		
85	30.0	51.8	77.6#

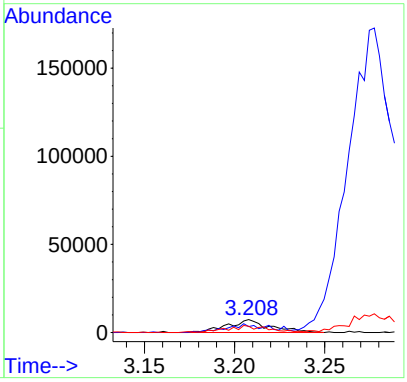


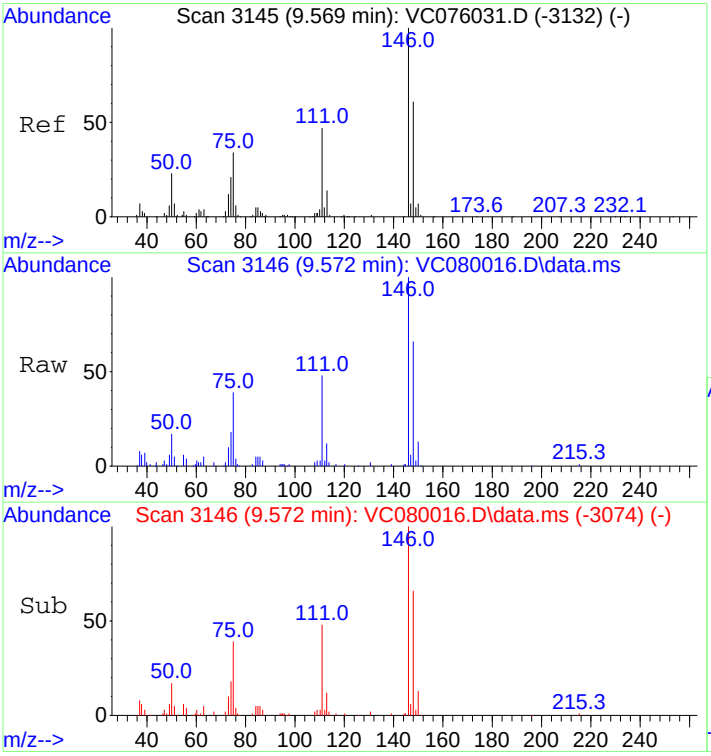


#41
1,1,1-TRICHLOROETHANE
Concen: 0.63 UG/L
RT: 3.208 min Scan# 864
Delta R.T. -0.003 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion: 97 Resp: 12028

Ion	Ratio	Lower	Upper
97	100		
99	44.9	50.9	76.3#
61	11.1	40.1	60.1#

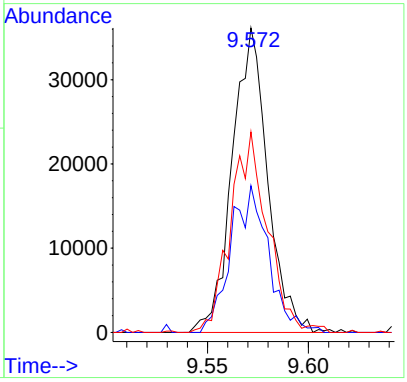




#97
1,2-DICHLOROBENZENE
Concen: 2.14 UG/L
RT: 9.572 min Scan# 3146
Delta R.T. 0.000 min
Lab File: VC080016.D
Acq: 20 Mar 2012 1:04 pm

Tgt Ion:146 Resp: 44173

Ion	Ratio	Lower	Upper
146	100		
111	51.3	36.2	54.4
148	67.8	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

MW-45D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-08	File ID:	VC080017.D
Sampled:	03/13/12 16:56	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-45D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-08	File ID:	VC080017.D
Sampled:	03/13/12 16:56	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	1.4	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-45D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-08	File ID:	VC080017.D
Sampled:	03/13/12 16:56	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-45D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-08	File ID:	VC080017.D
Sampled:	03/13/12 16:56	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 13:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080017.D
Acq On : 20 Mar 2012 1:34 pm
Operator :
Sample : 12C0442-08 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

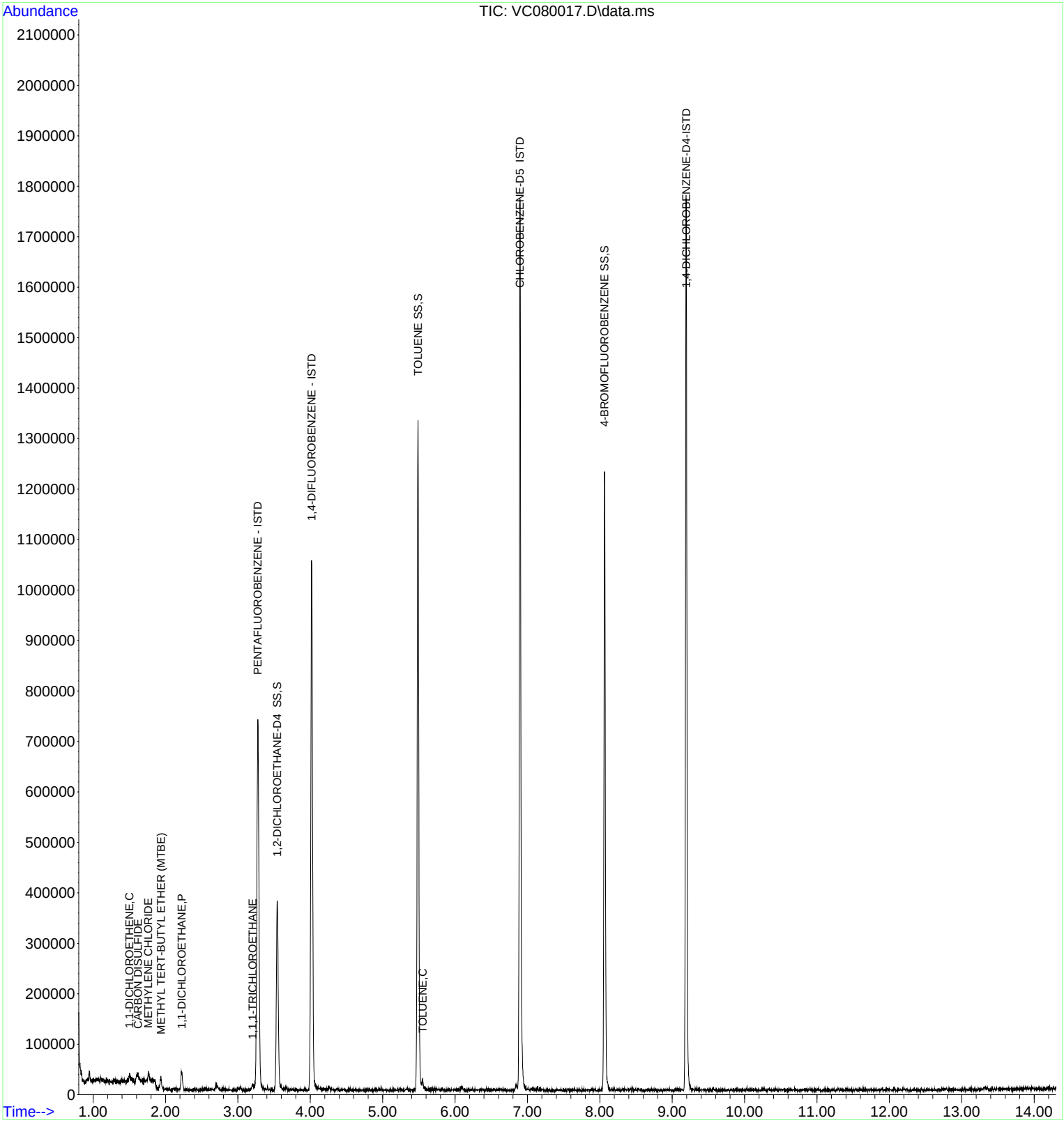
Quant Time: Mar 21 10:13:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

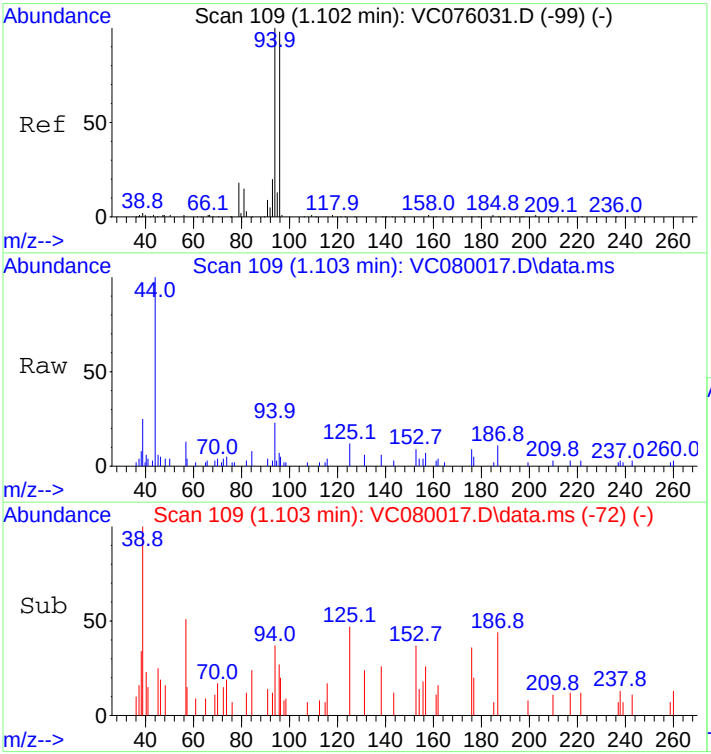
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	479737	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	718880	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	438085	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	373929	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	284641	23.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.28%			
49) TOLUENE SS	5.489	98	716038	25.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	330091	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.103	94	1146	Below Cal	#	75
15) 1,1-DICHLOROETHENE	1.501	61	4531	0.27	UG/L #	74
23) METHYLENE CHLORIDE	1.761	49	5897m	0.45	UG/L	
24) CARBON DISULFIDE	1.618	76	4695	0.17	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	15359	0.68	UG/L #	85
27) 1,1-DICHLOROETHANE	2.224	63	25514	1.39	UG/L #	85
41) 1,1,1-TRICHLOROETHANE	3.205	97	6134m	0.36	UG/L	
61) TOLUENE	5.553	91	5756	0.14	UG/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080017.D
Acq On : 20 Mar 2012 1:34 pm
Operator :
Sample : 12C0442-08 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 21 10:13:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

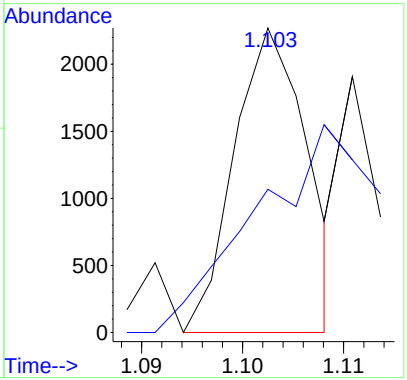


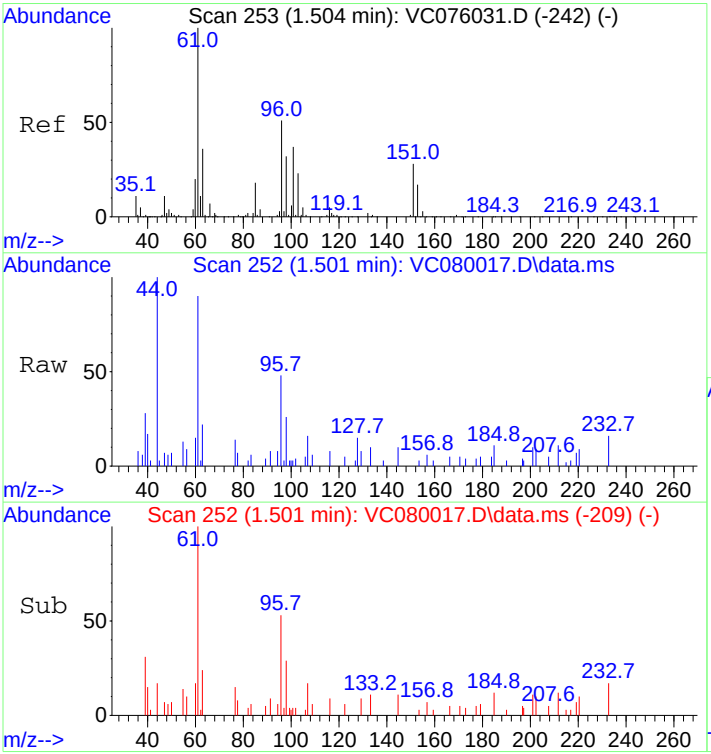


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.103 min Scan# 109
Delta R.T. 0.004 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 94 Resp: 1146

Ion	Ratio	Lower	Upper
94	100		
96	120.2	76.6	114.8#

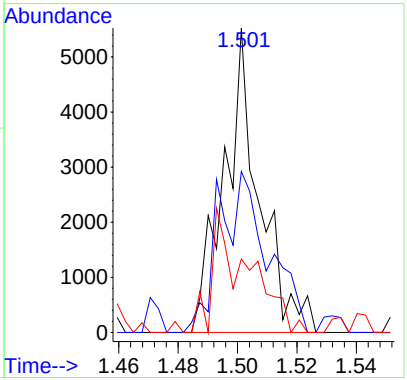


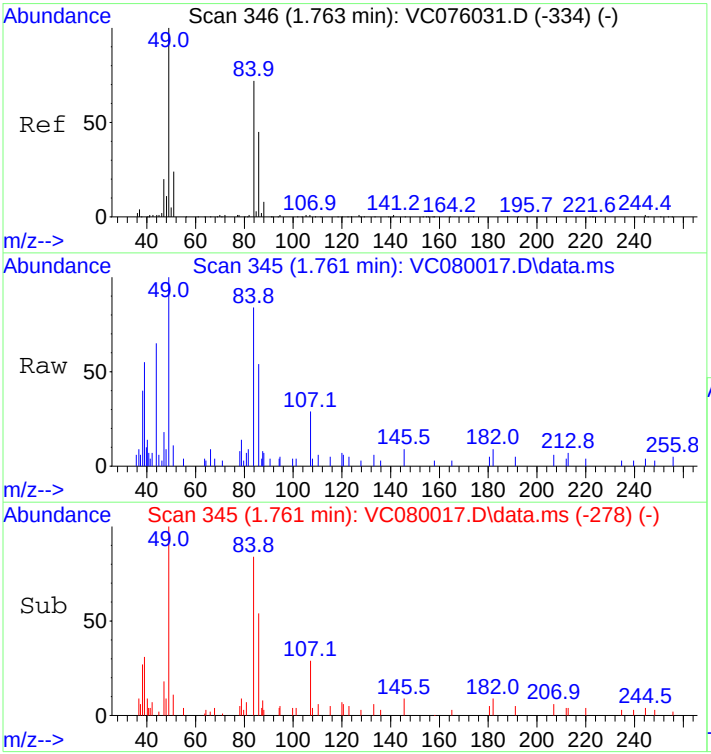


#15
1,1-DICHLOROETHENE
Concen: 0.27 UG/L
RT: 1.501 min Scan# 252
Delta R.T. 0.000 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 61 Resp: 4531

Ion	Ratio	Lower	Upper
61	100		
96	46.3	40.4	60.6
63	0.0	25.4	38.2#

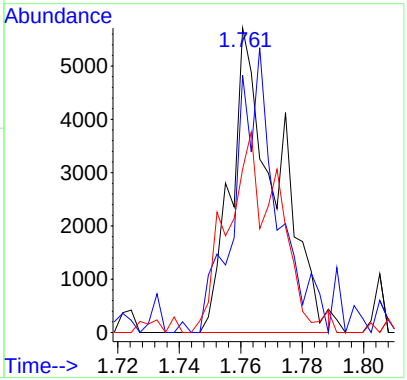


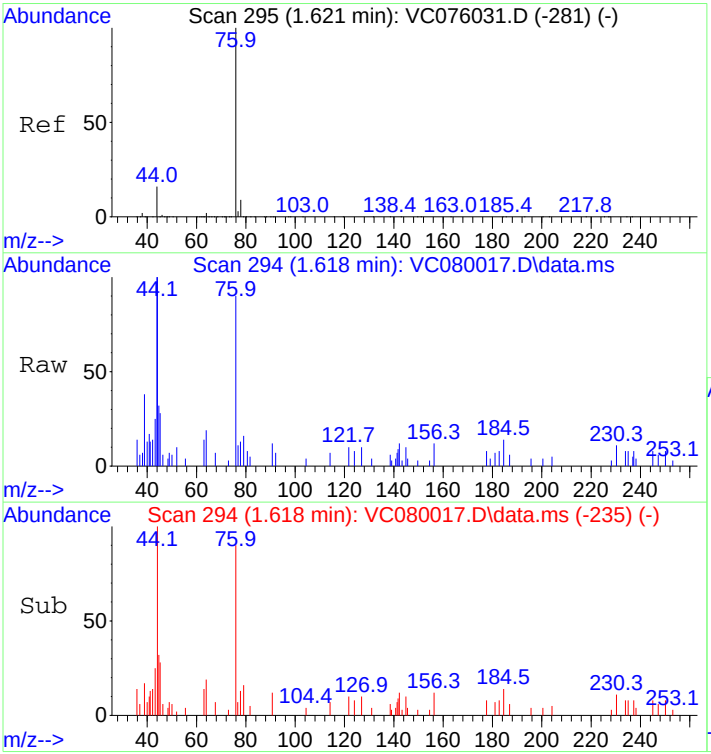


#23
METHYLENE CHLORIDE
Concen: 0.45 UG/L m
RT: 1.761 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 49 Resp: 5897

Ion	Ratio	Lower	Upper
49	100		
84	86.1	62.8	94.2
86	51.5	40.5	60.7

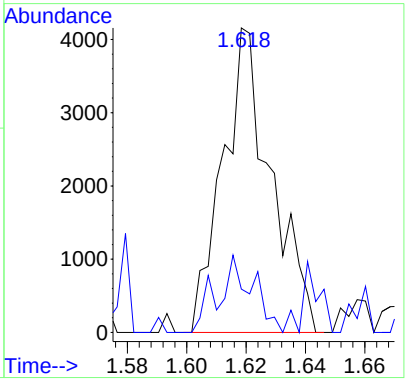


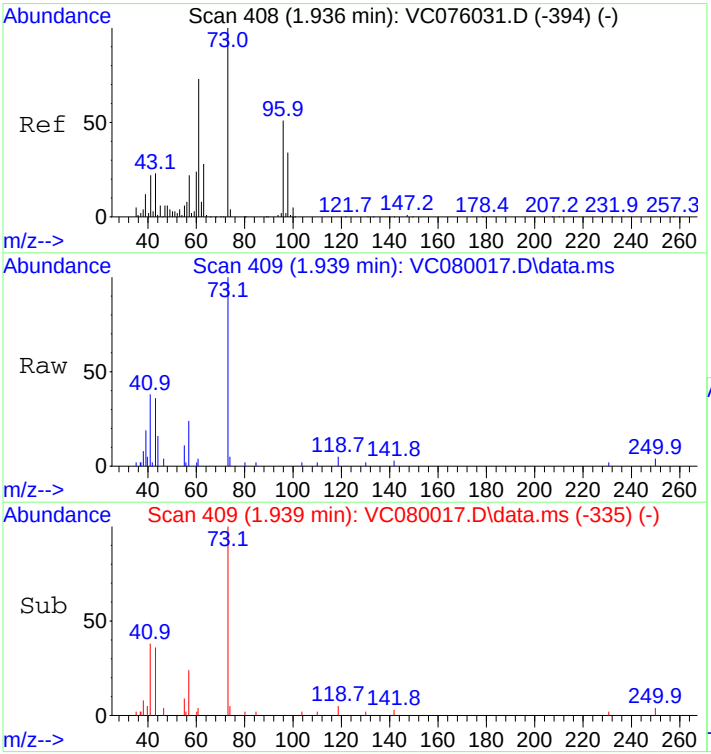


#24
CARBON DISULFIDE
Concen: 0.17 UG/L
RT: 1.618 min Scan# 294
Delta R.T. 0.000 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 76 Resp: 4695

Ion	Ratio	Lower	Upper
76	100		
78	18.3	0.0	0.0#

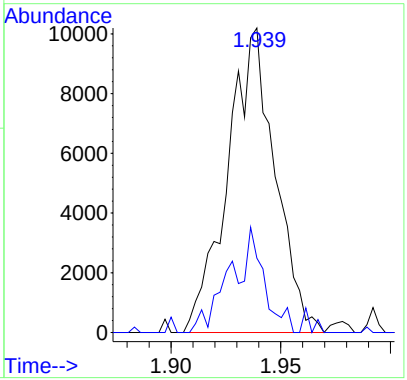


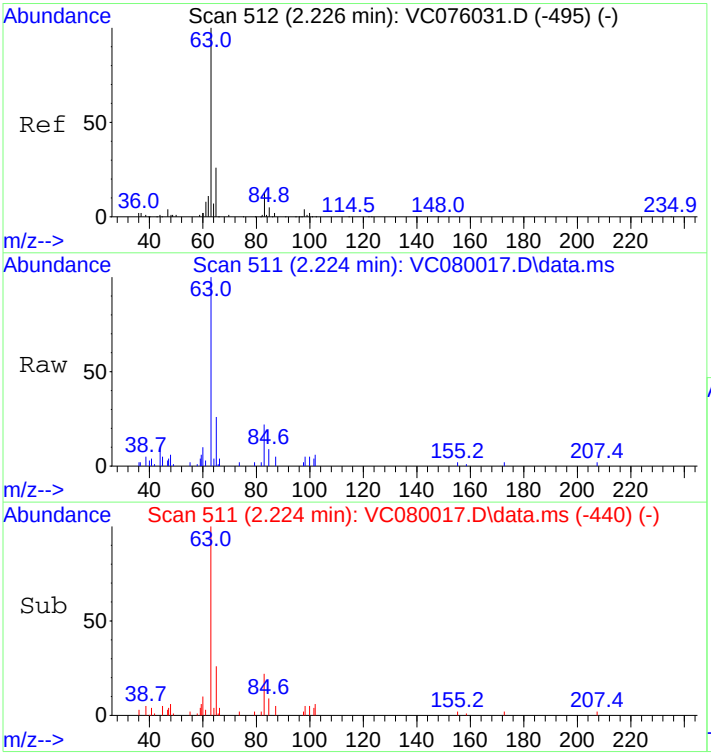


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.68 UG/L
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 73 Resp: 15359

Ion	Ratio	Lower	Upper
73	100		
57	13.7	16.7	25.1#

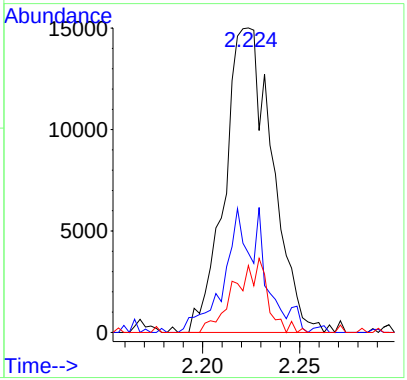


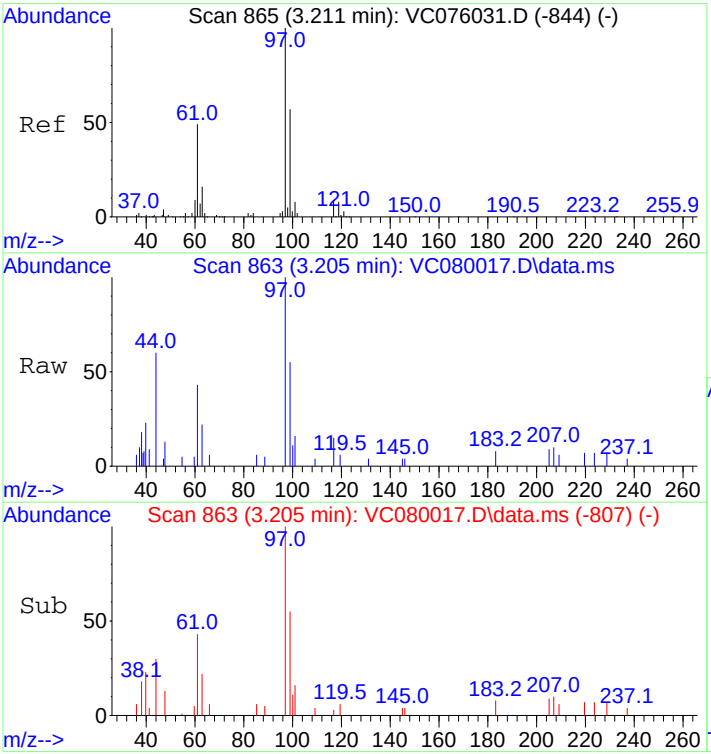


#27
1,1-DICHLOROETHANE
Concen: 1.39 UG/L
RT: 2.224 min Scan# 511
Delta R.T. 0.003 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 63 Resp: 25514

Ion	Ratio	Lower	Upper
63	100		
65	21.9	24.9	37.3#
83	16.9	10.2	15.4#

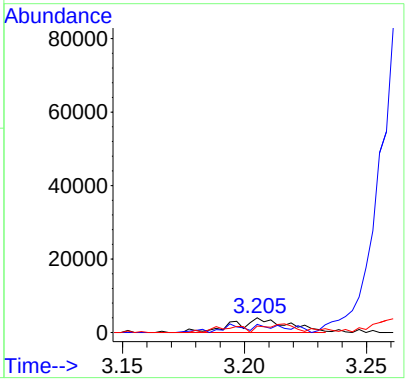


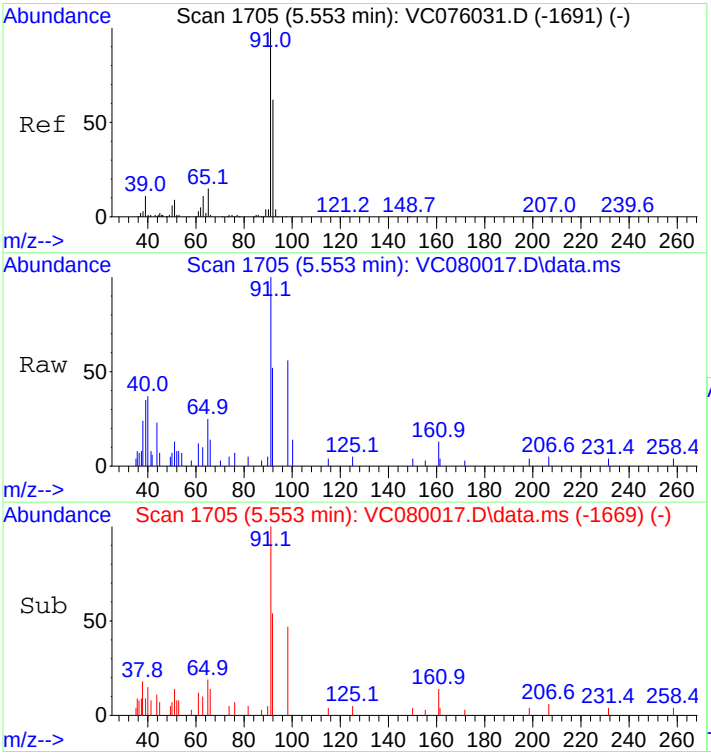


#41
1,1,1-TRICHLOROETHANE
Concen: 0.36 UG/L m
RT: 3.205 min Scan# 863
Delta R.T. -0.005 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 97 Resp: 6134

Ion	Ratio	Lower	Upper
97	100		
99	8.7	50.9	76.3#
61	33.2	40.1	60.1#

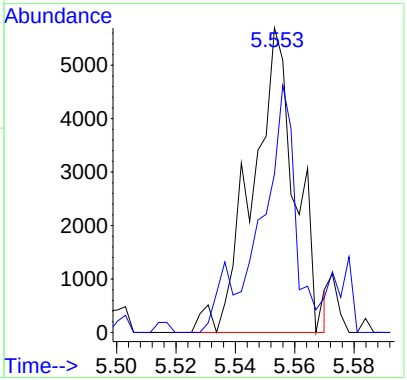




#61
TOLUENE
Concen: 0.14 UG/L
RT: 5.553 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VC080017.D
Acq: 20 Mar 2012 1:34 pm

Tgt Ion: 91 Resp: 5756

Ion	Ratio	Lower	Upper
91	100		
92	57.9	48.6	73.0



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1 - FORM I
ANALYSIS DATA SHEET

MW-37D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-09	File ID:	VC080018.D
Sampled:	03/12/12 10:10	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene	6.3	0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-09	File ID:	VC080018.D
Sampled:	03/12/12 10:10	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	2.9	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	8.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-09	File ID:	VC080018.D
Sampled:	03/12/12 10:10	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.1	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	30	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	16	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-09	File ID:	VC080018.D
Sampled:	03/12/12 10:10	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:04
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080018.D
Acq On : 20 Mar 2012 2:04 pm
Operator :
Sample : 12C0442-09 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

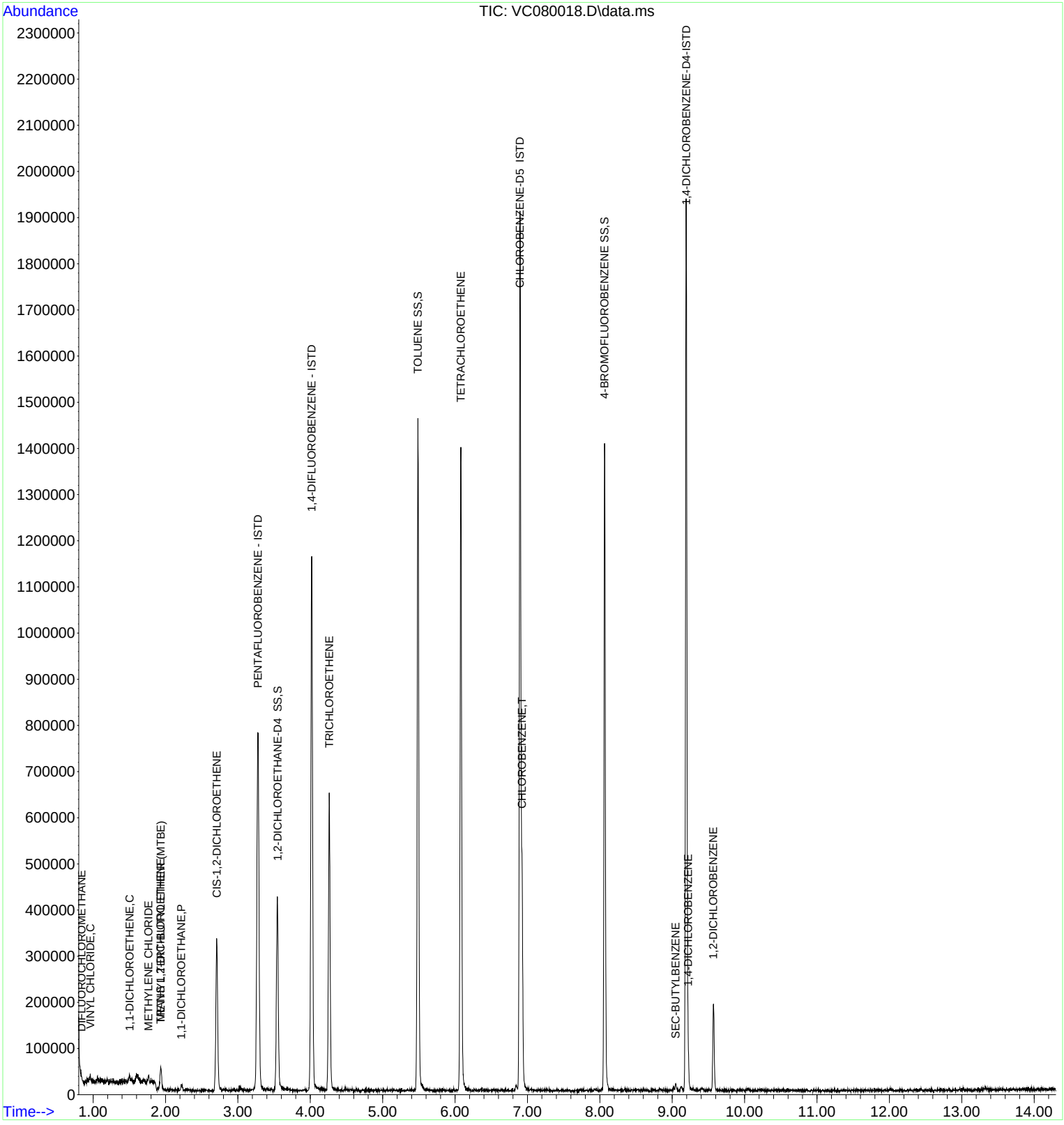
Quant Time: Mar 21 10:15:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

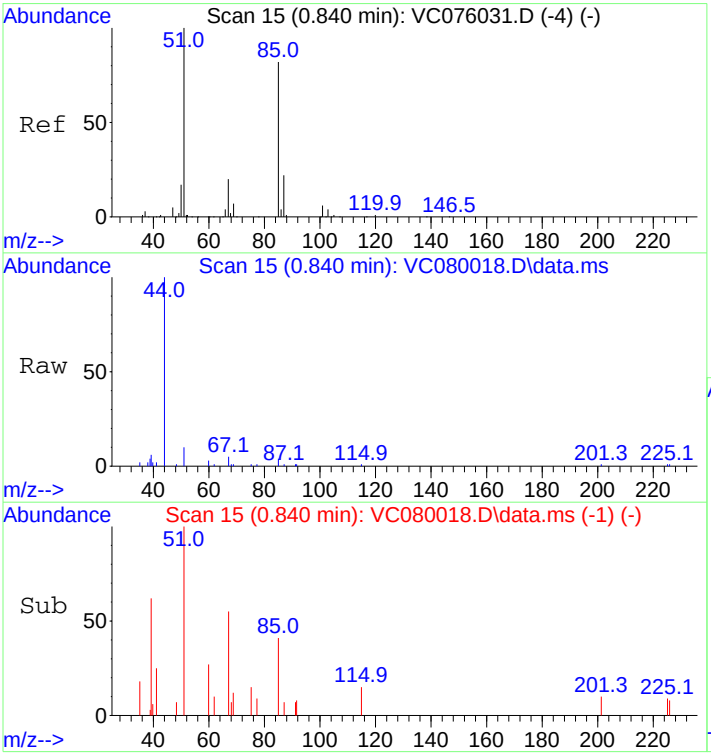
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	531940	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	807845	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	496770	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	418426	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.548	65	313292	22.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.60%			
49) TOLUENE SS	5.486	98	800826	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	370369	24.70	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.80%			
Target Compounds						Qvalue
4) DIFLUOROCHLOROMETHANE	0.840	51	1789	0.13	UG/L #	68
6) VINYL CHLORIDE	0.960	62	2814	0.22	UG/L #	61
7) BROMOMETHANE	1.099	94	1146	Below Cal		98
15) 1,1-DICHLOROETHENE	1.504	61	5576	0.30	UG/L #	73
23) METHYLENE CHLORIDE	1.766	49	4254m	0.29	UG/L	
25) METHYL TERT-BUTYL ETHE...	1.933	73	26930	1.07	UG/L #	84
26) TRANS 1,2-DICHLOROETHENE	1.931	61	5227	0.30	UG/L	92
27) 1,1-DICHLOROETHANE	2.218	63	8157	0.40	UG/L #	69
33) CIS-1,2-DICHLOROETHENE	2.709	61	175342	8.24	UG/L	90
51) TRICHLOROETHENE	4.262	95	184342	15.56	UG/L	97
66) TETRACHLOROETHENE	6.080	166	335814	29.96	UG/L	98
72) CHLOROBENZENE	6.925	112	187368	6.30	UG/L	99
92) SEC-BUTYLBENZENE	9.047	105	7501	0.19	UG/L #	79
95) 1,4-DICHLOROBENZENE	9.220	146	21862	0.92	UG/L	88
97) 1,2-DICHLOROBENZENE	9.569	146	59397	2.91	UG/L #	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080018.D
Acq On : 20 Mar 2012 2:04 pm
Operator :
Sample : 12C0442-09 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 21 10:15:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

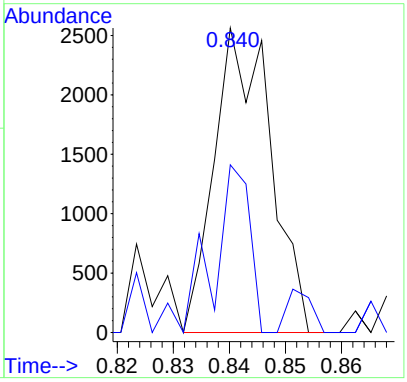


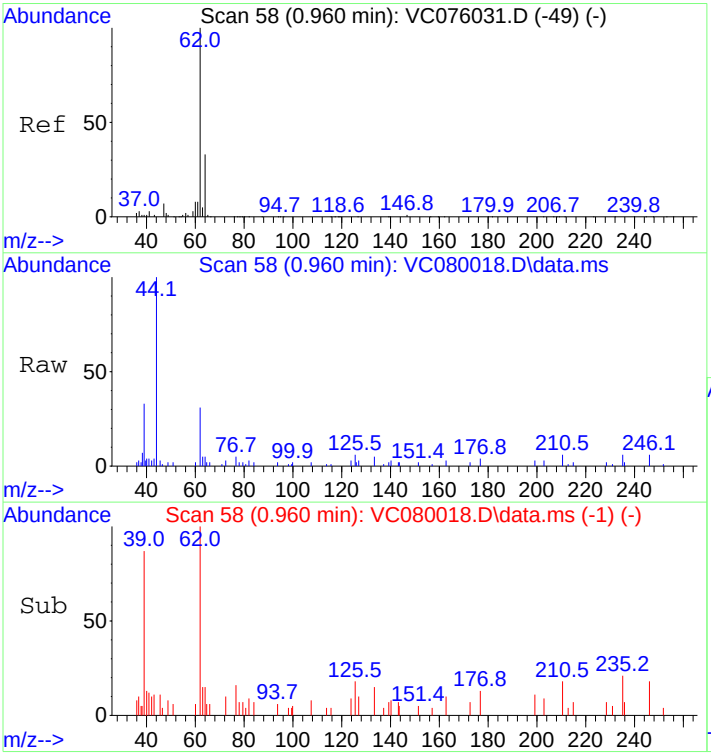


#4
DIFLUOROCHLOROMETHANE
Concen: 0.13 UG/L
RT: 0.840 min Scan# 15
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 51 Resp: 1789

Ion	Ratio	Lower	Upper
51	100		
67	36.7	17.1	25.7#

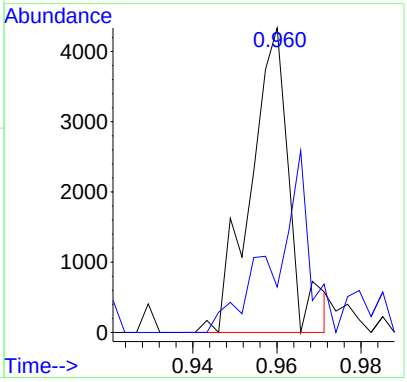


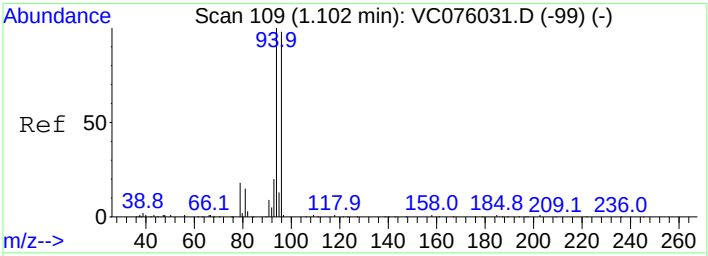


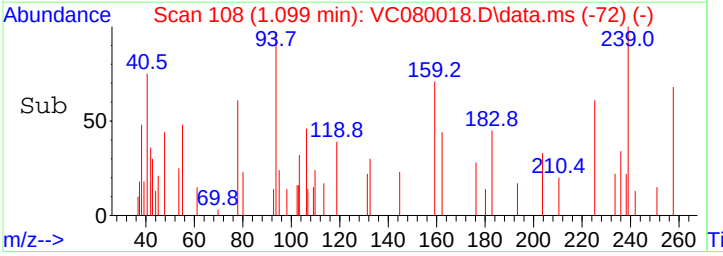
#6
VINYL CHLORIDE
Concen: 0.22 UG/L
RT: 0.960 min Scan# 58
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 62 Resp: 2814

Ion	Ratio	Lower	Upper
62	100		
64	53.3	25.2	37.8#



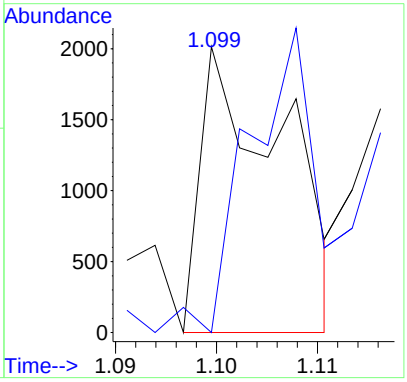


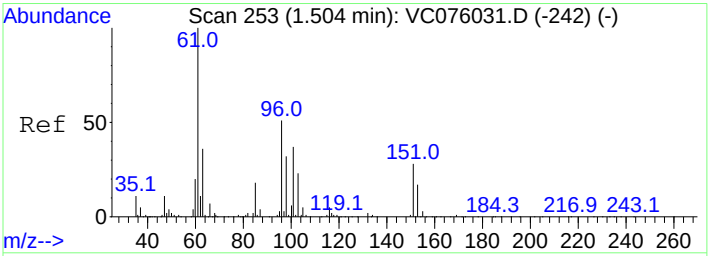


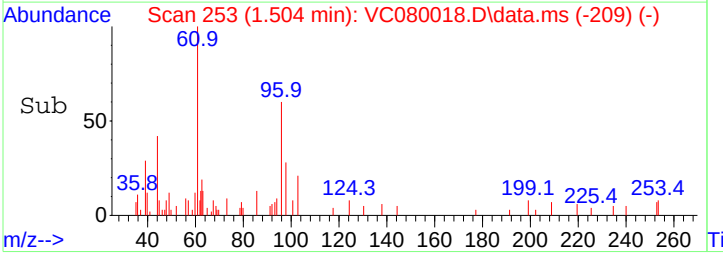
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.099 min Scan# 108
Delta R.T. 0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 94 Resp: 1146

Ion	Ratio	Lower	Upper
94	100		
96	93.5	76.6	114.8



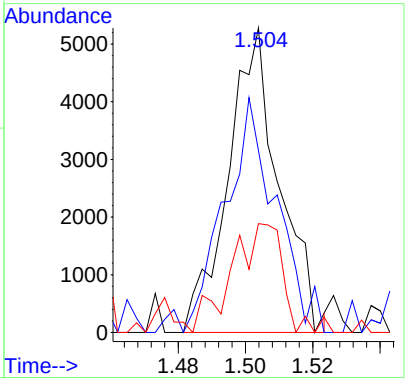


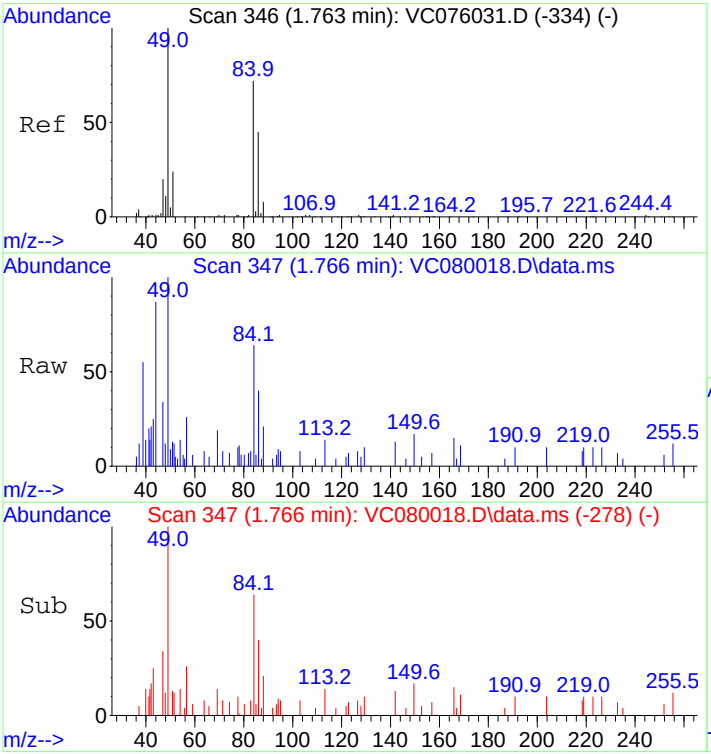


#15
1,1-DICHLOROETHENE
Concen: 0.30 UG/L
RT: 1.504 min Scan# 253
Delta R.T. 0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 61 Resp: 5576

Ion	Ratio	Lower	Upper
61	100		
96	77.4	40.4	60.6#
63	36.3	25.4	38.2

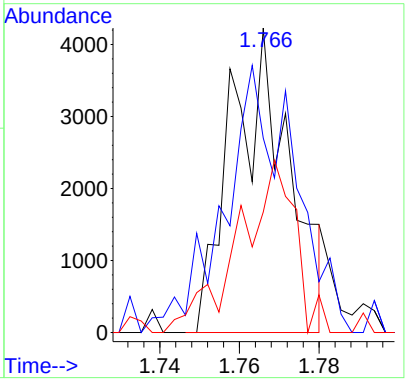


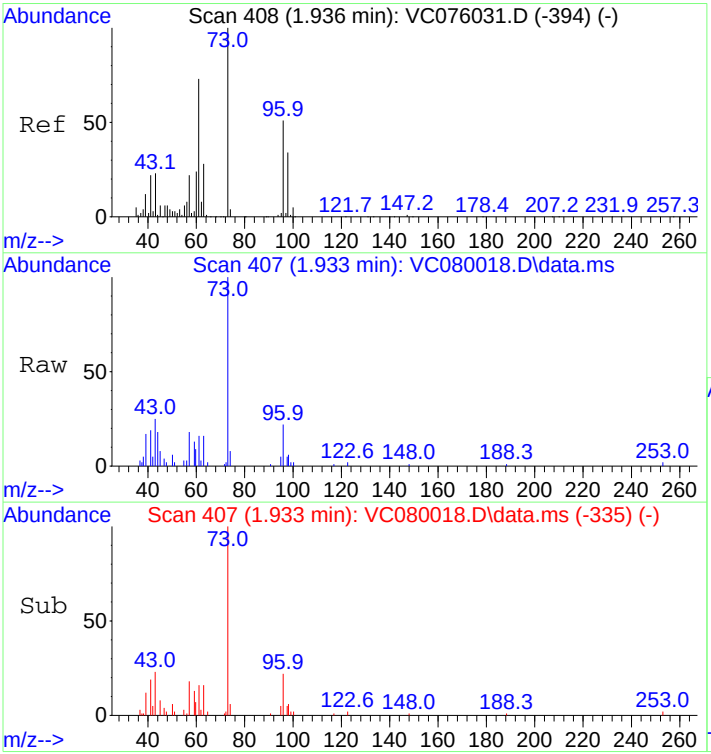


#23
METHYLENE CHLORIDE
Concen: 0.29 UG/L m
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 49 Resp: 4254

Ion	Ratio	Lower	Upper
49	100		
84	70.2	62.8	94.2
86	55.4	40.5	60.7

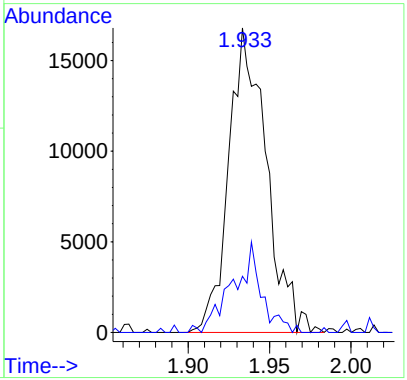


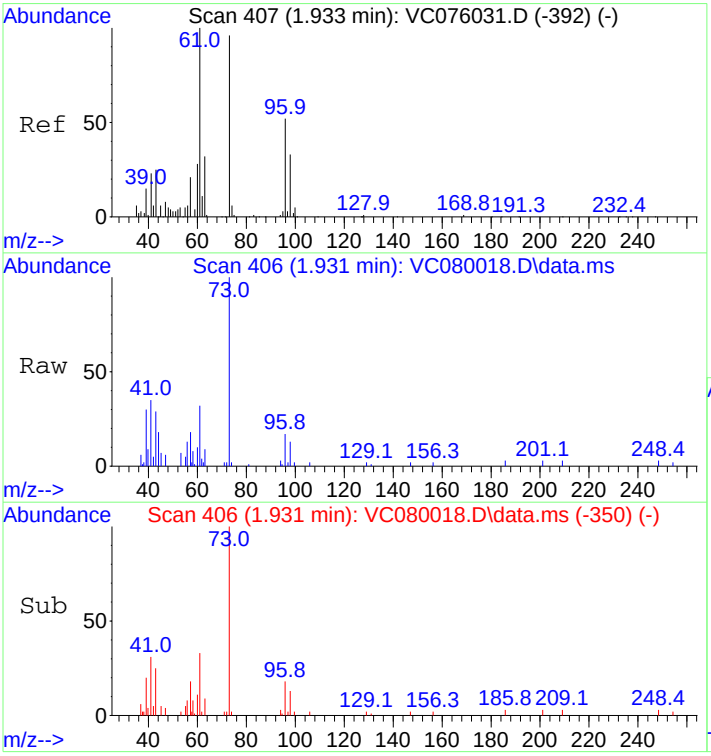


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.07 UG/L
RT: 1.933 min Scan# 407
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 73 Resp: 26930

Ion	Ratio	Lower	Upper
73	100		
57	13.6	16.7	25.1#

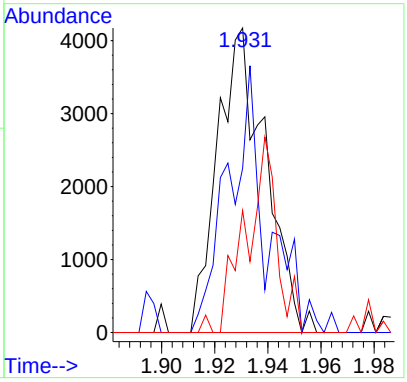


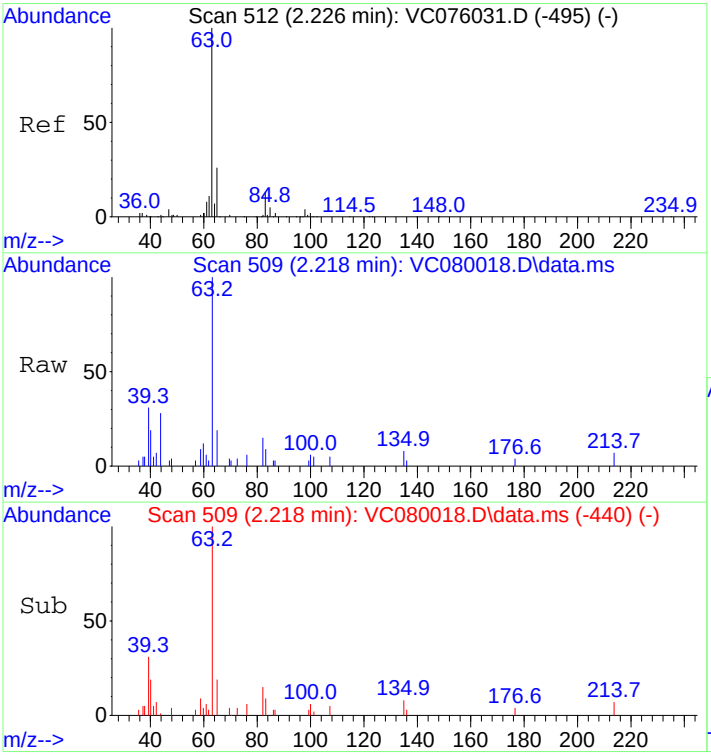


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.30 UG/L
RT: 1.931 min Scan# 406
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 61 Resp: 5227

Ion	Ratio	Lower	Upper
61	100		
96	52.5	48.2	72.2
98	41.8	30.6	46.0

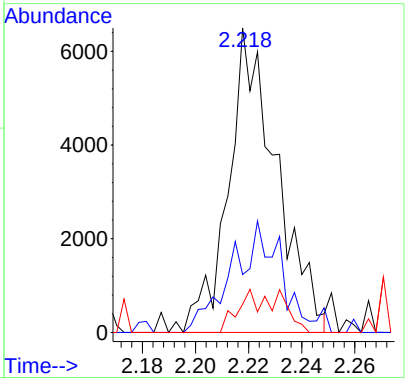


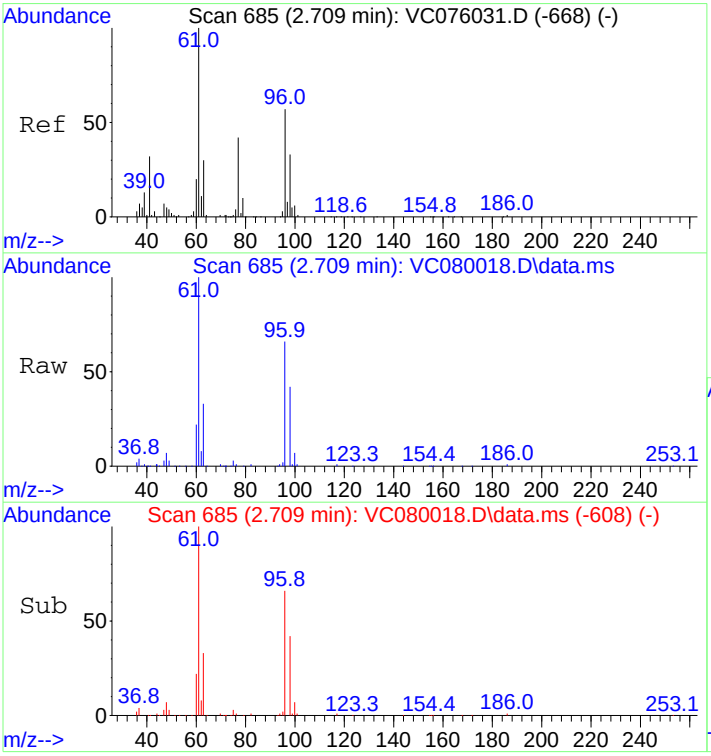


#27
1,1-DICHLOROETHANE
Concen: 0.40 UG/L
RT: 2.218 min Scan# 509
Delta R.T. -0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 63 Resp: 8157

Ion	Ratio	Lower	Upper
63	100		
65	14.1	24.9	37.3#
83	0.0	10.2	15.4#

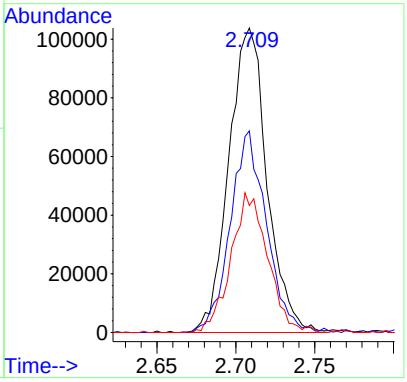


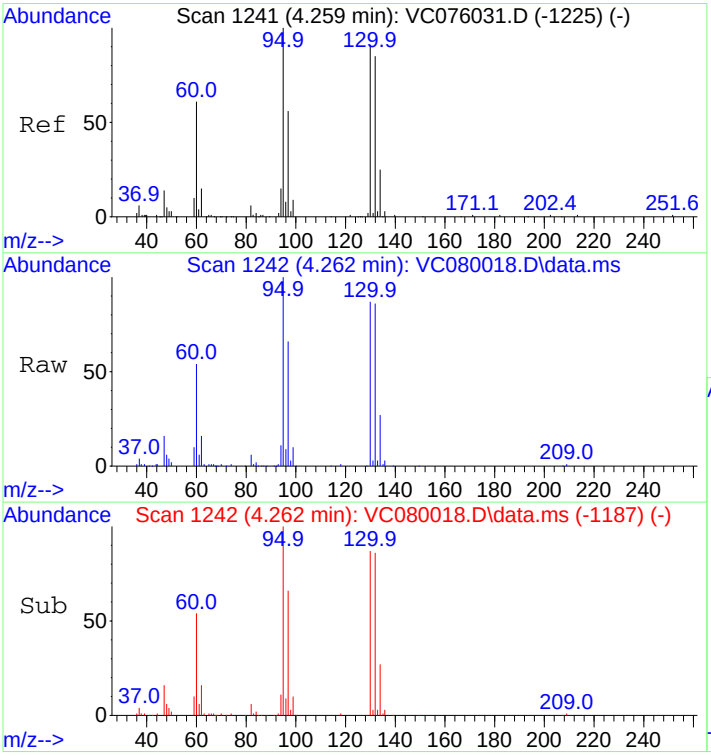


#33
CIS-1,2-DICHLOROETHENE
Concen: 8.24 UG/L
RT: 2.709 min Scan# 685
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 61 Resp: 175342

Ion	Ratio	Lower	Upper
61	100		
96	62.5	44.7	67.1
98	43.5	29.4	44.2

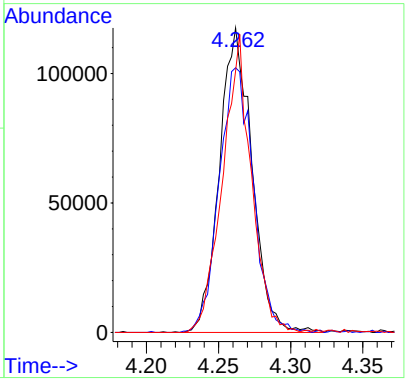


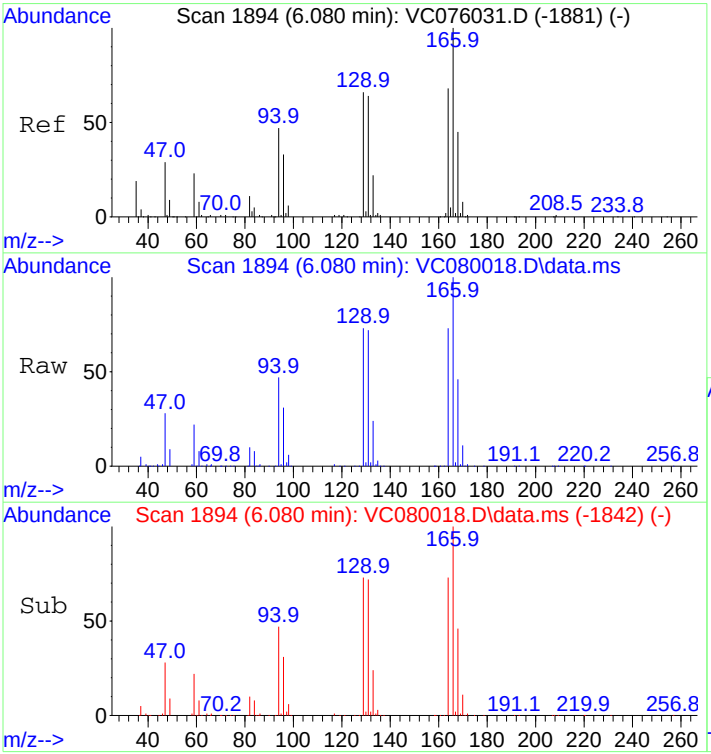


#51
TRICHLOROETHENE
Concen: 15.56 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion: 95 Resp: 184342

Ion	Ratio	Lower	Upper
95	100		
130	91.5	74.8	112.2
132	86.2	72.4	108.6

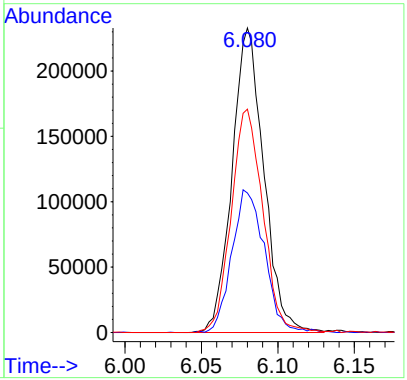


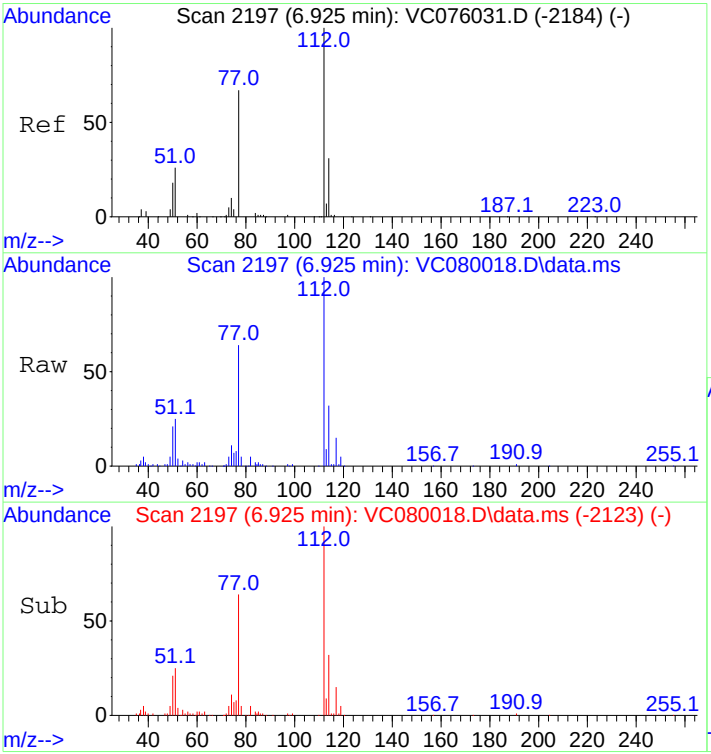


#66
TETRACHLOROETHENE
Concen: 29.96 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion:166 Resp: 335814

Ion	Ratio	Lower	Upper
166	100		
168	48.3	38.2	57.2
129	73.1	59.8	89.6

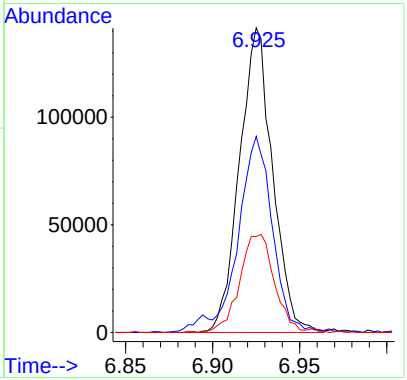


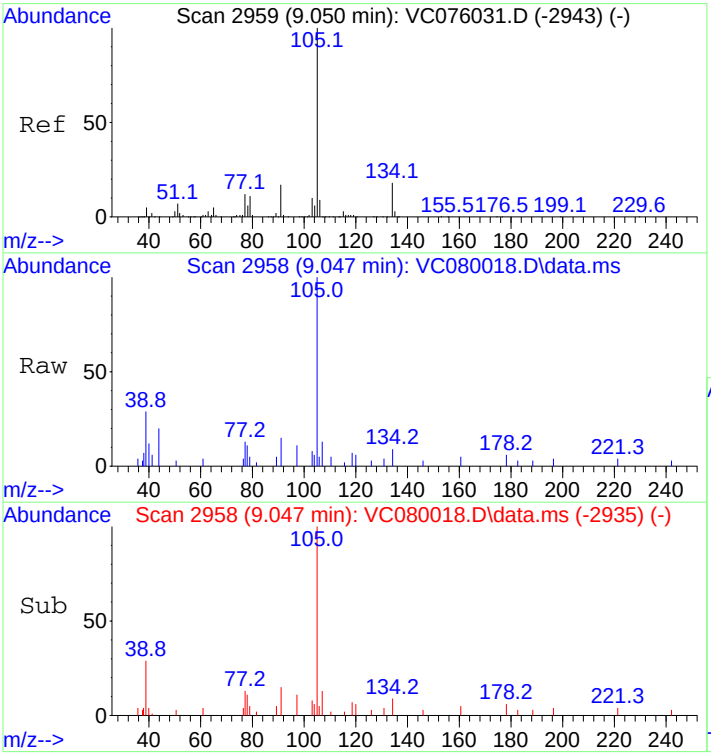


#72
CHLOROBENZENE
Concen: 6.30 UG/L
RT: 6.925 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion:112 Resp: 187368

Ion	Ratio	Lower	Upper
112	100		
77	62.8	50.5	75.7
114	33.5	26.0	39.0

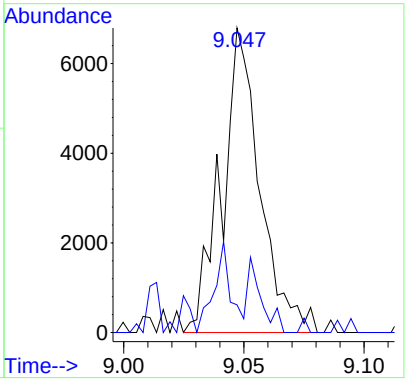


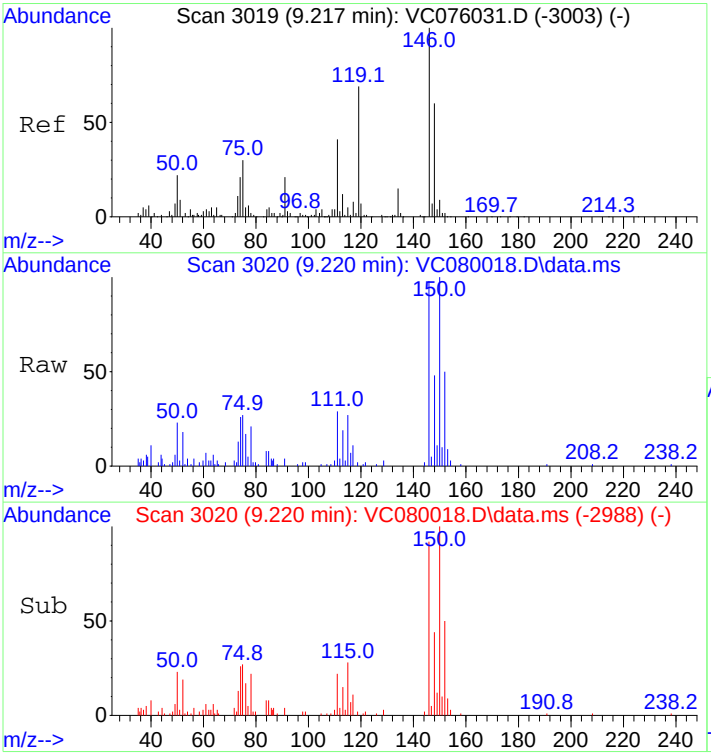


#92
SEC-BUTYLBENZENE
Concen: 0.19 UG/L
RT: 9.047 min Scan# 2958
Delta R.T. -0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion:105 Resp: 7501

Ion	Ratio	Lower	Upper
105	100		
134	9.0	14.5	21.7#

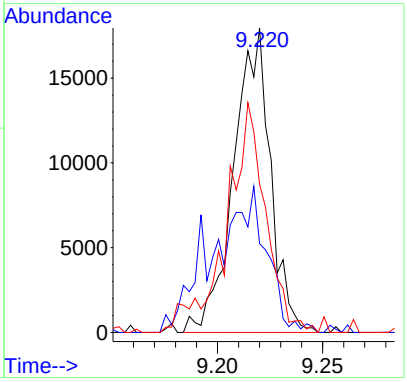


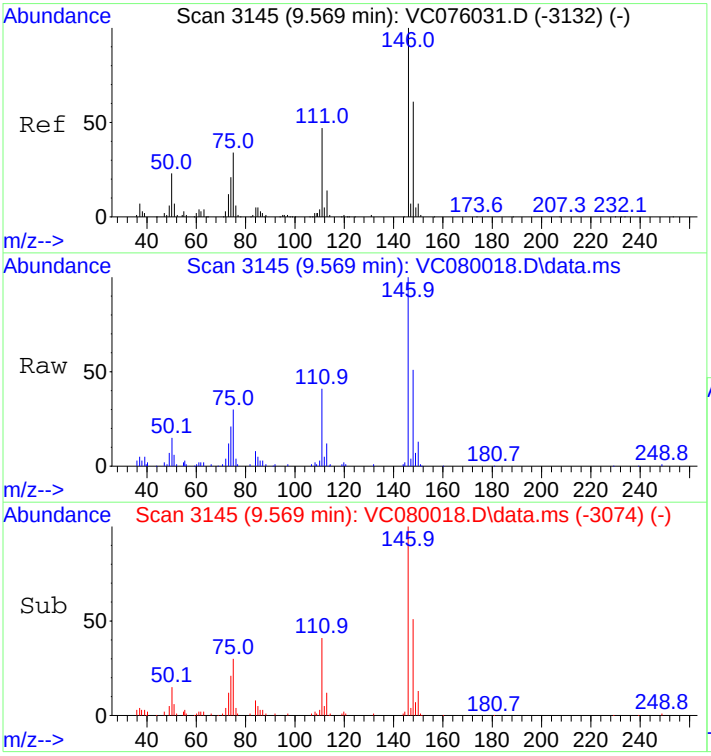


#95
1,4-DICHLOROBENZENE
Concen: 0.92 UG/L
RT: 9.220 min Scan# 3020
Delta R.T. 0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion:146 Resp: 21862

Ion	Ratio	Lower	Upper
146	100		
111	50.1	34.1	51.1
148	73.3	51.2	76.8

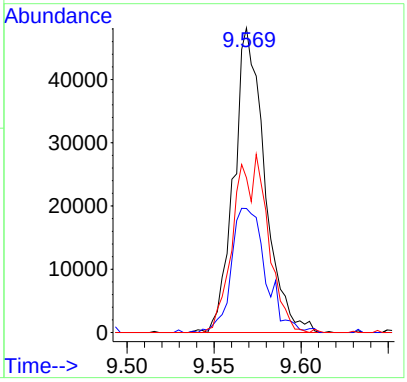




#97
1,2-DICHLOROBENZENE
Concen: 2.91 UG/L
RT: 9.569 min Scan# 3145
Delta R.T. -0.003 min
Lab File: VC080018.D
Acq: 20 Mar 2012 2:04 pm

Tgt Ion:146 Resp: 59397

Ion	Ratio	Lower	Upper
146	100		
111	45.3	36.2	54.4
148	35.8	51.6	77.4#



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1 - FORM I
ANALYSIS DATA SHEET

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-10	File ID:	VC080019.D
Sampled:	03/12/12 11:47	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene	1.5	0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-10	File ID:	VC080019.D
Sampled:	03/12/12 11:47	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	15	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	MS-23, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-10	File ID:	VC080019.D
Sampled:	03/12/12 11:47	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.8	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	130	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	86	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-10	File ID:	VC080019.D
Sampled:	03/12/12 11:47	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 14:34
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080019.D
Acq On : 20 Mar 2012 2:34 pm
Operator :
Sample : 12C0442-10 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

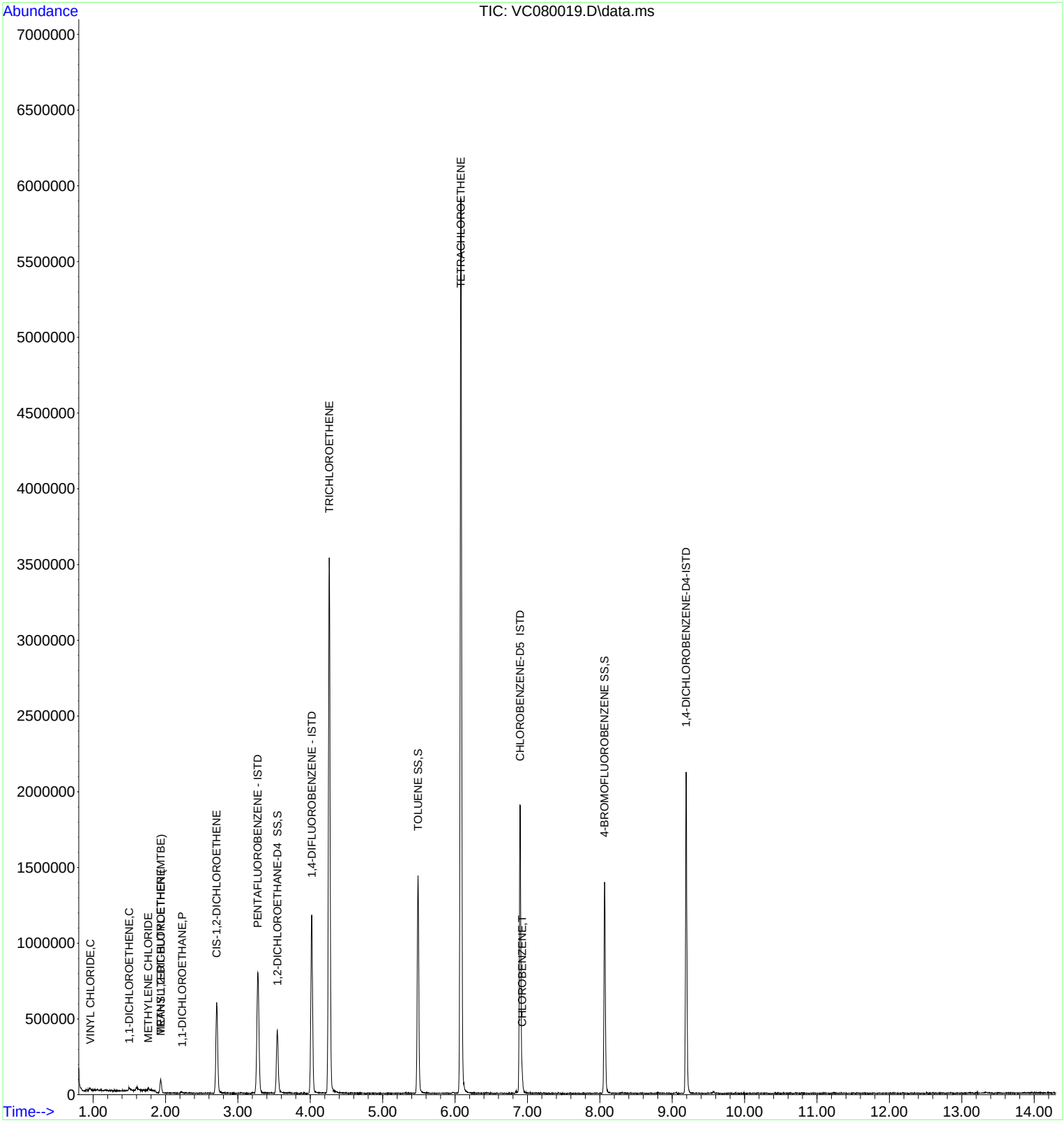
Quant Time: Mar 21 10:21:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

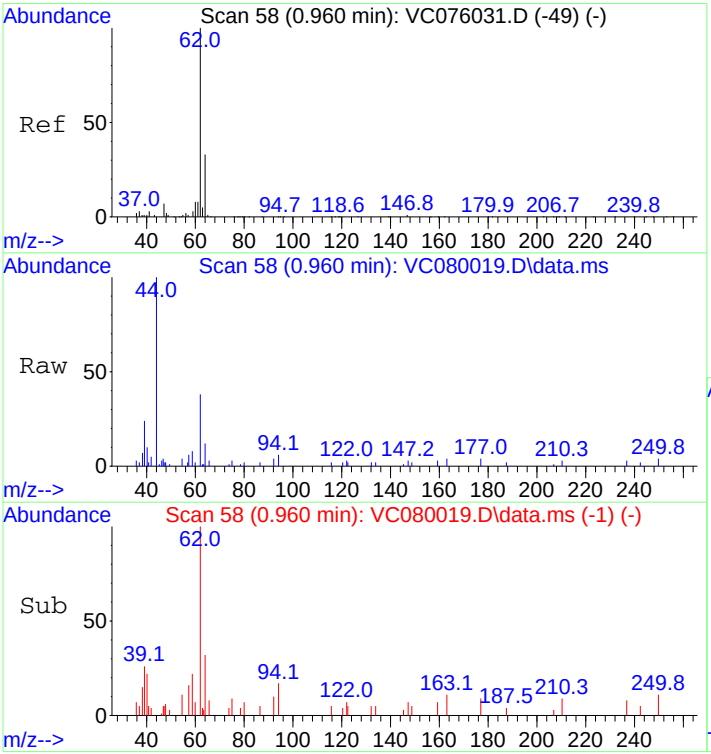
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	539502	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	803489	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	491421	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	425325	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	313457	22.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.36%			
49) TOLUENE SS	5.489	98	784970	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	381296	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
Target Compounds						Qvalue
6) VINYL CHLORIDE	0.960	62	3560	0.28	UG/L #	82
7) BROMOMETHANE	1.105	94	747	Below Cal	#	2
13) ACROLEIN	1.172	56	527	Below Cal	#	1
15) 1,1-DICHLOROETHENE	1.498	61	7335	0.39	UG/L #	78
23) METHYLENE CHLORIDE	1.763	49	5935	0.41	UG/L #	91
25) METHYL TERT-BUTYL ETHE...	1.936	73	46925	1.84	UG/L #	82
26) TRANS 1,2-DICHLOROETHENE	1.933	61	10710	0.61	UG/L #	87
27) 1,1-DICHLOROETHANE	2.229	63	7527	0.36	UG/L #	88
33) CIS-1,2-DICHLOROETHENE	2.706	61	327888	15.19	UG/L	89
51) TRICHLOROETHENE	4.262	95	1014924	86.14	UG/L	99
66) TETRACHLOROETHENE	6.080	166	1461598	131.09	UG/L	96
72) CHLOROBENZENE	6.928	112	42836	1.46	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080019.D
Acq On : 20 Mar 2012 2:34 pm
Operator :
Sample : 12C0442-10 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 21 10:21:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

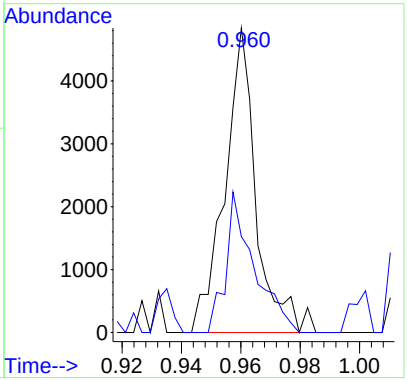


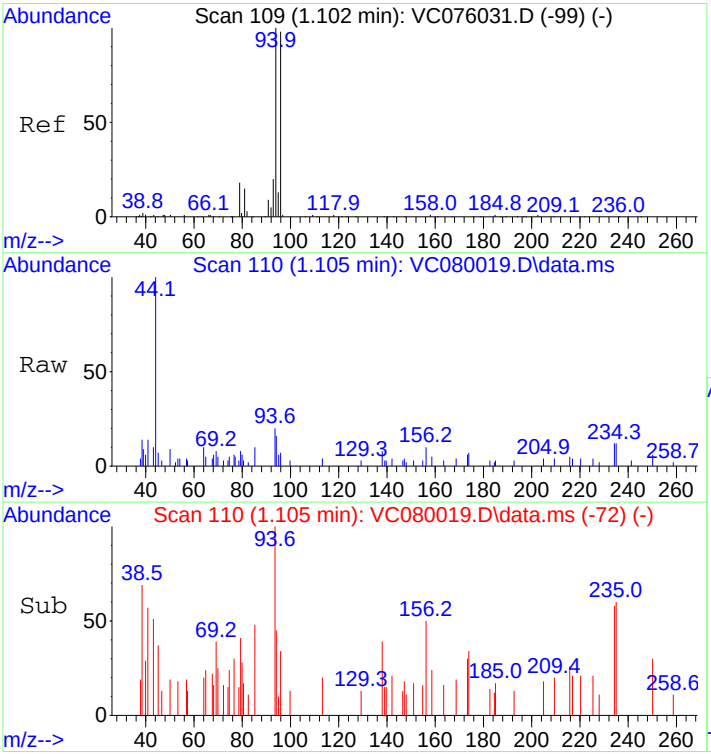


#6
VINYL CHLORIDE
Concen: 0.28 UG/L
RT: 0.960 min Scan# 58
Delta R.T. 0.000 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 62 Resp: 3560

Ion	Ratio	Lower	Upper
62	100		
64	41.6	25.2	37.8#

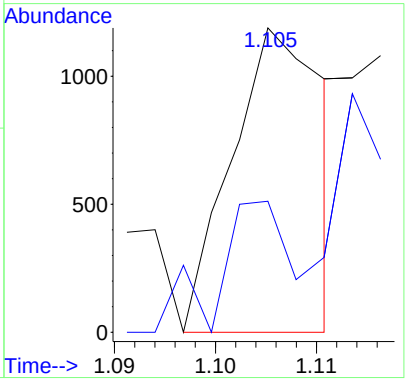


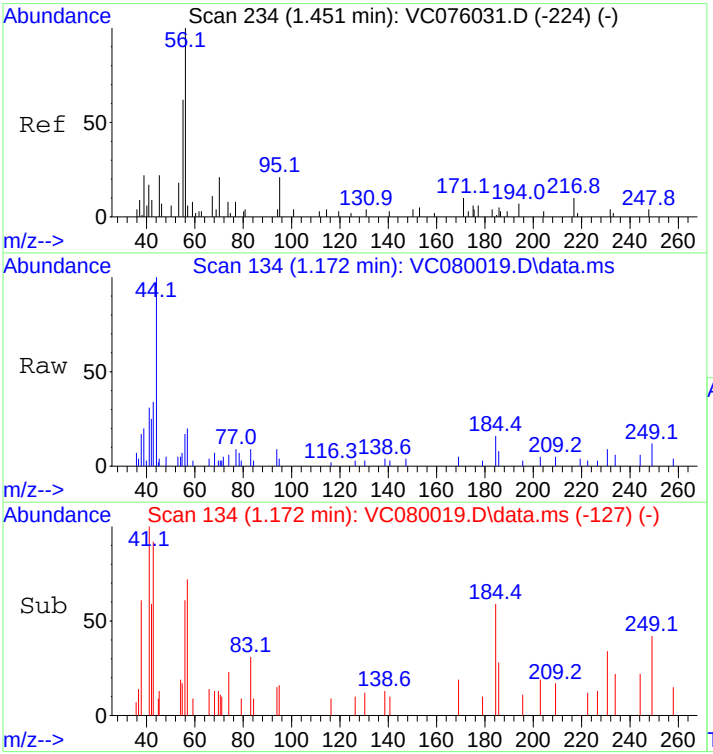


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 94 Resp: 747

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	114.8#

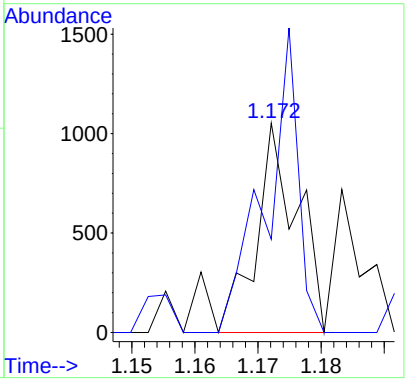


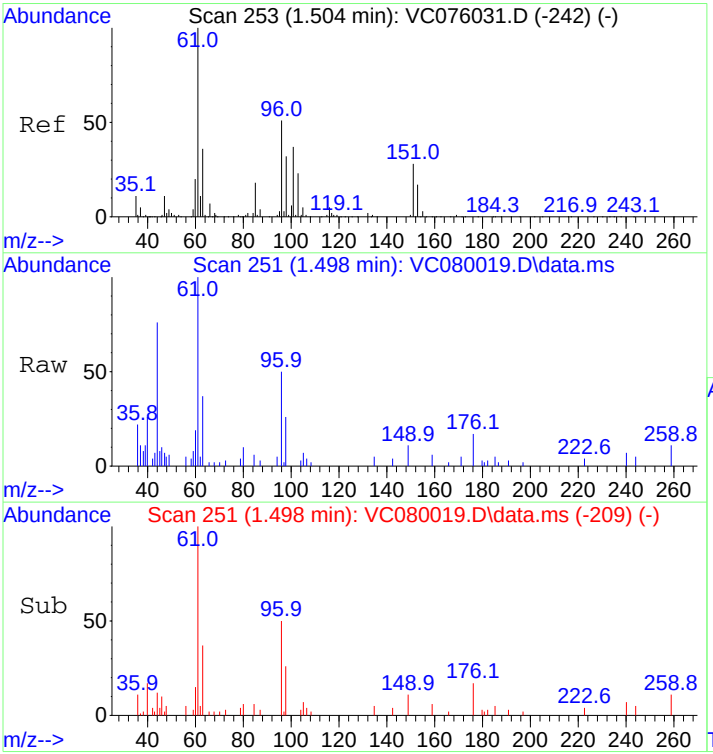


#13
ACROLEIN
Concen: Below Cal
RT: 1.172 min Scan# 134
Delta R.T. -0.281 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 56 Resp: 527

Ion	Ratio	Lower	Upper
56	100		
55	102.5	0.5	0.7#

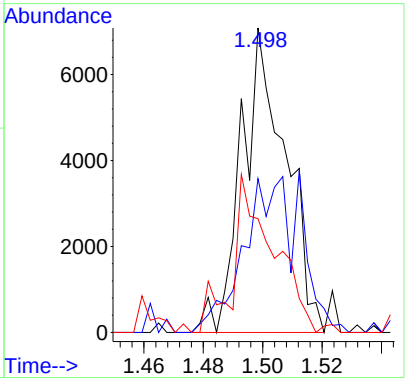


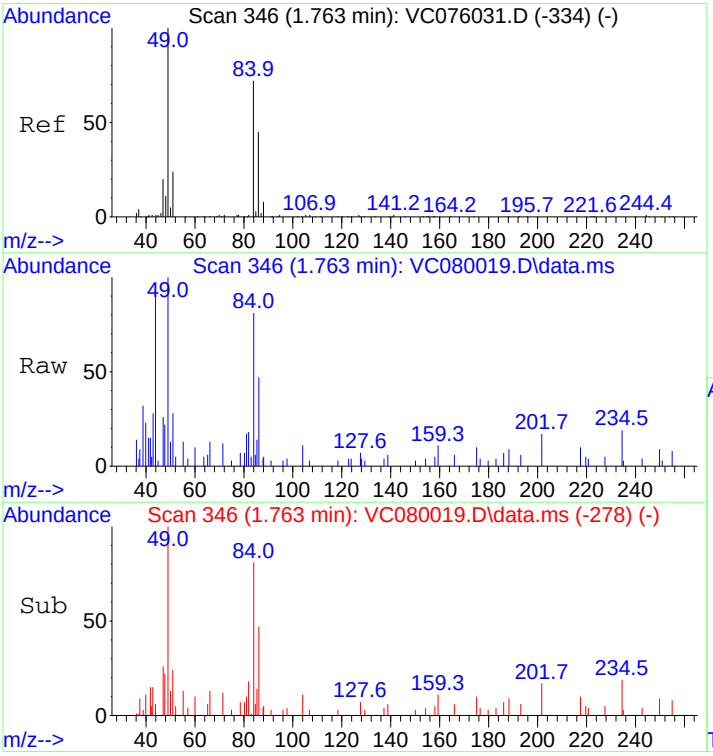


#15
1,1-DICHLOROETHENE
Concen: 0.39 UG/L
RT: 1.498 min Scan# 251
Delta R.T. -0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 61 Resp: 7335

Ion	Ratio	Lower	Upper
61	100		
96	65.5	40.4	60.6#
63	43.8	25.4	38.2#

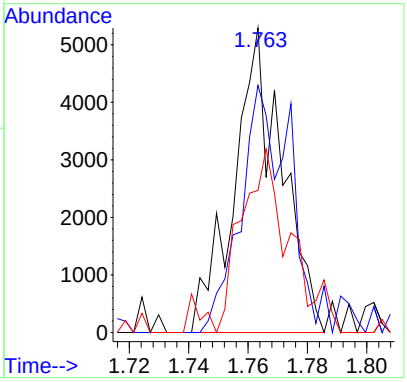


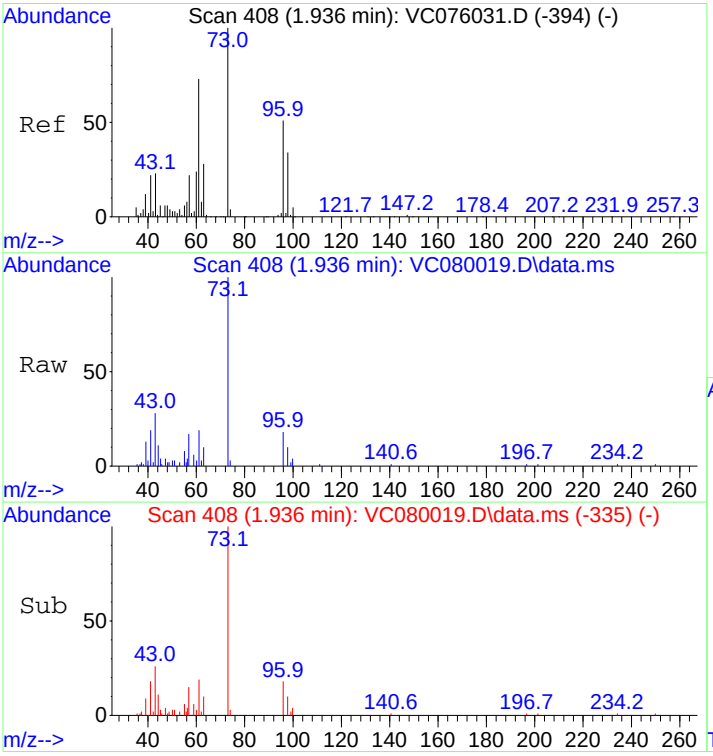


#23
METHYLENE CHLORIDE
Concen: 0.41 UG/L
RT: 1.763 min Scan# 346
Delta R.T. 0.000 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 49 Resp: 5935

Ion	Ratio	Lower	Upper
49	100		
84	83.3	62.8	94.2
86	61.0	40.5	60.7#

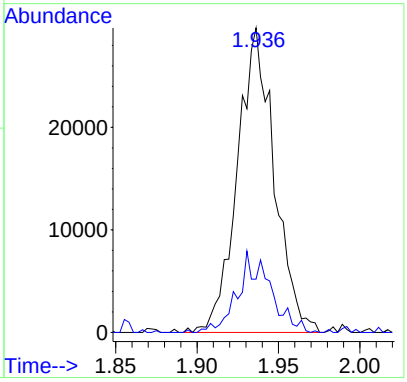


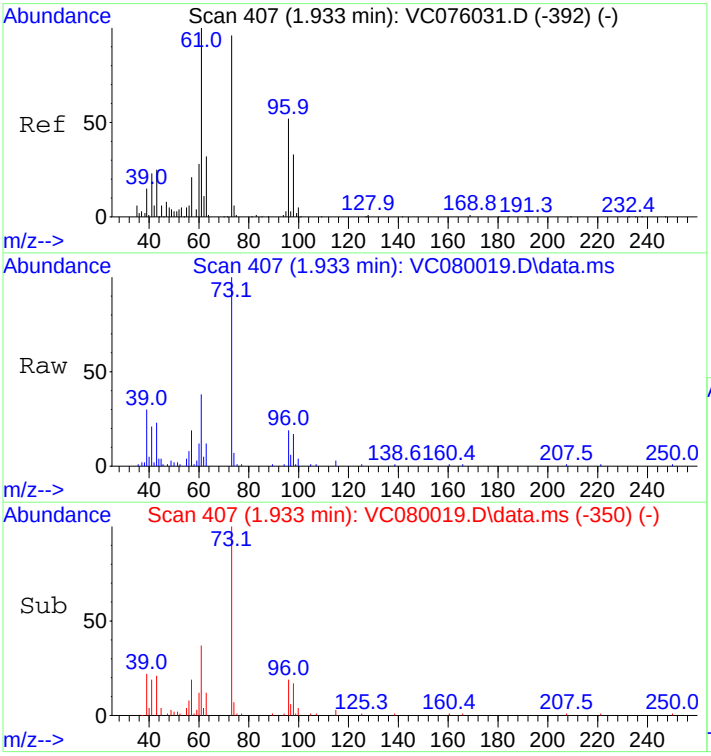


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.84 UG/L
RT: 1.936 min Scan# 408
Delta R.T. 0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 73 Resp: 46925

Ion	Ratio	Lower	Upper
73	100		
57	12.6	16.7	25.1#

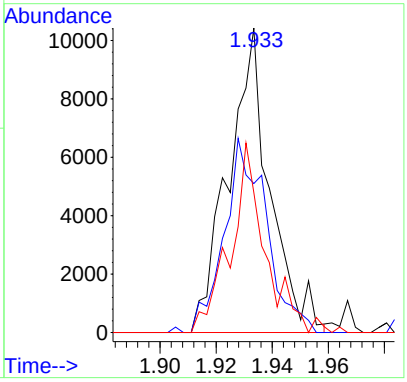


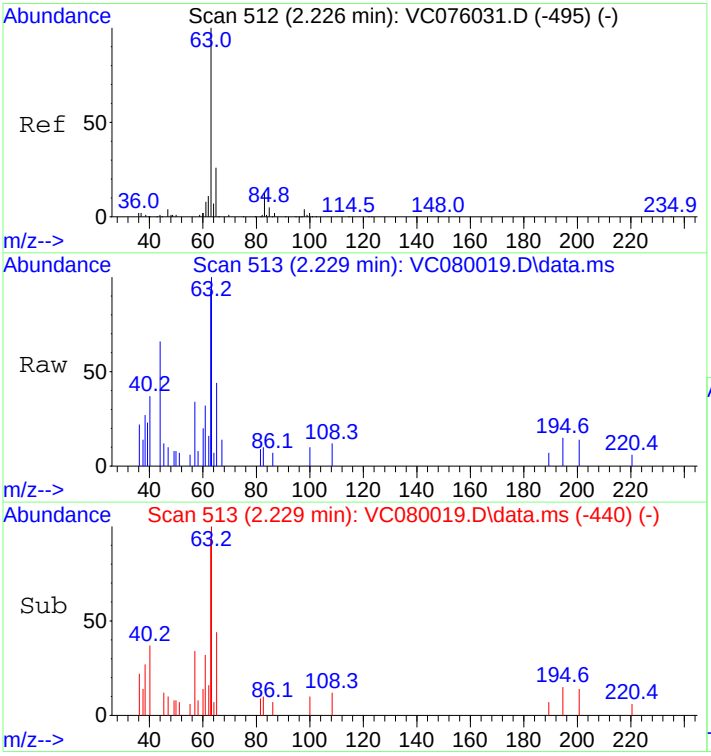


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.61 UG/L
RT: 1.933 min Scan# 407
Delta R.T. 0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 61 Resp: 10710

Ion	Ratio	Lower	Upper
61	100		
96	64.7	48.2	72.2
98	52.4	30.6	46.0#

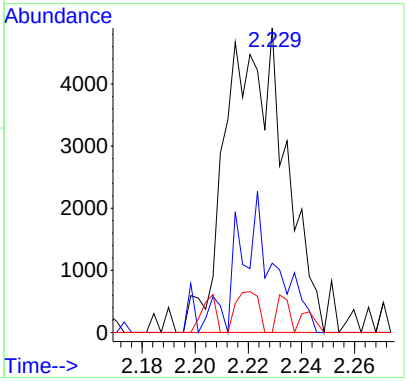


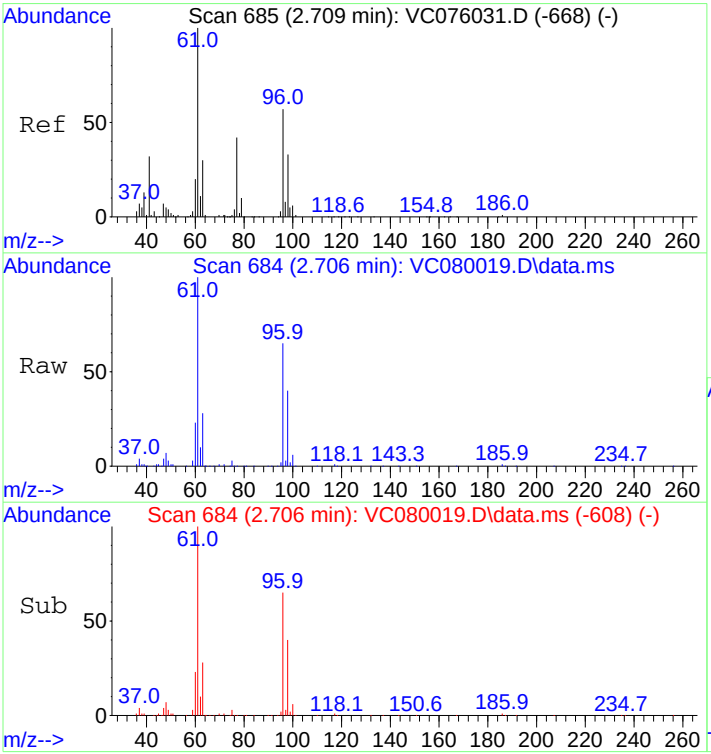


#27
1,1-DICHLOROETHANE
Concen: 0.36 UG/L
RT: 2.229 min Scan# 513
Delta R.T. 0.008 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 63 Resp: 7527

Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.9	37.3
83	0.0	10.2	15.4#

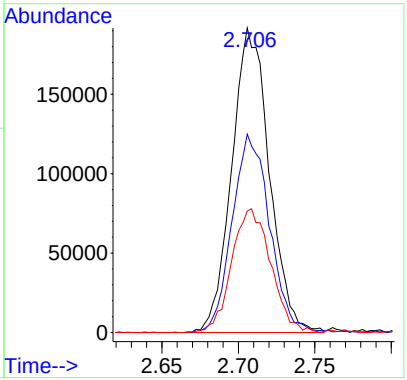


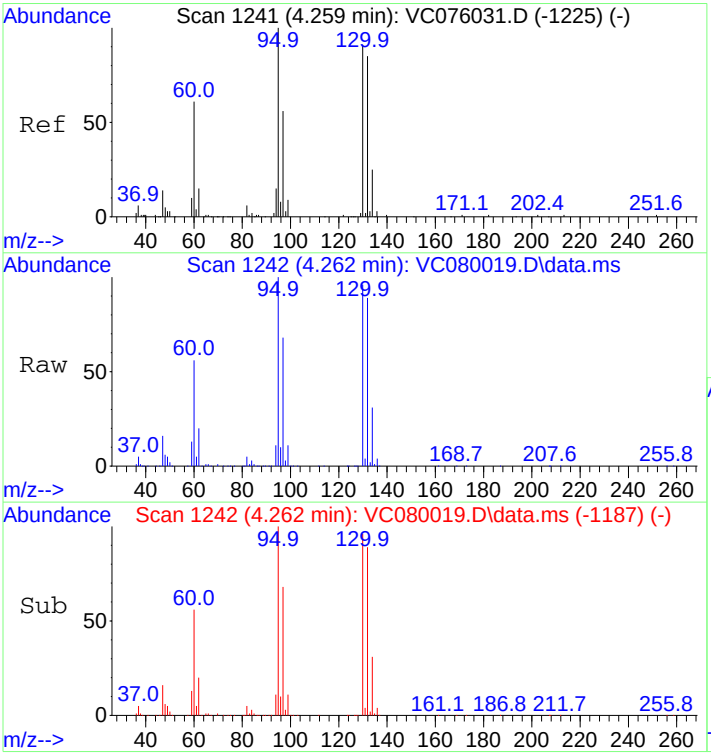


#33
CIS-1,2-DICHLOROETHENE
Concen: 15.19 UG/L
RT: 2.706 min Scan# 684
Delta R.T. -0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 61 Resp: 327888

Ion	Ratio	Lower	Upper
61	100		
96	65.1	44.7	67.1
98	42.3	29.4	44.2

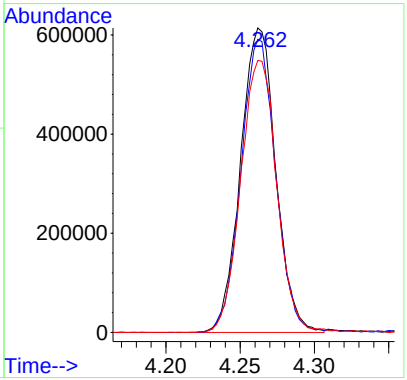


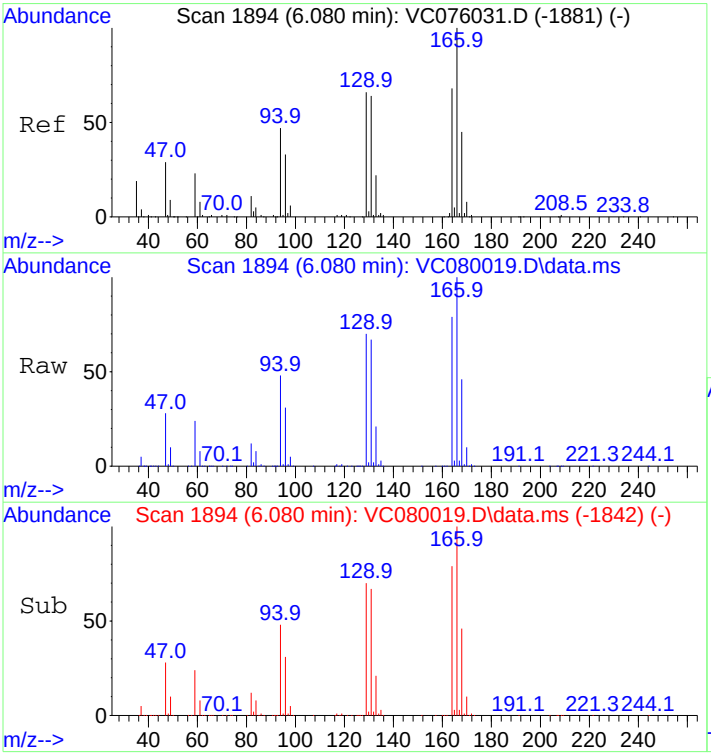


#51
TRICHLOROETHENE
Concen: 86.14 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion: 95 Resp: 1014924

Ion	Ratio	Lower	Upper
95	100		
130	94.9	74.8	112.2
132	91.4	72.4	108.6

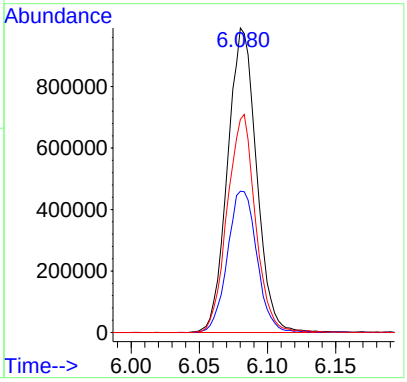


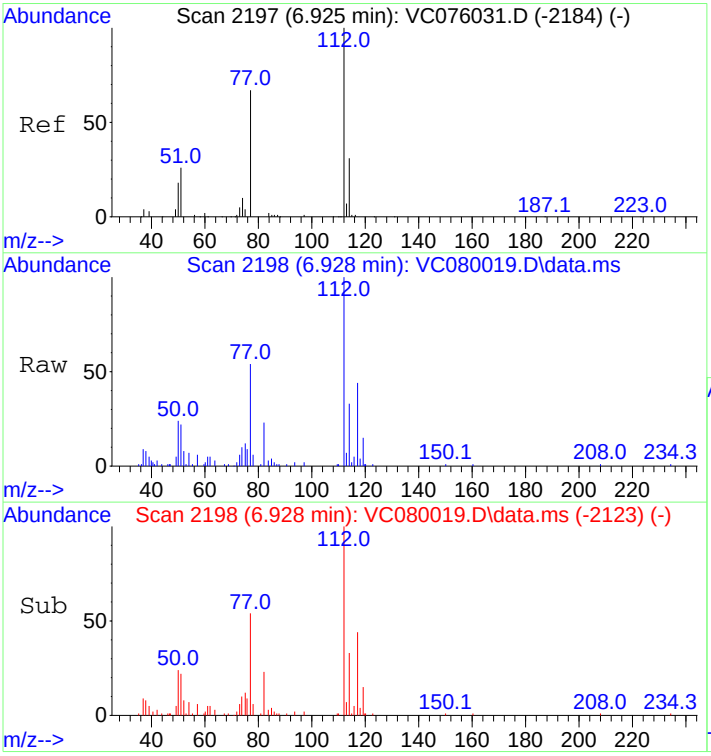


#66
TETRACHLOROETHENE
Concen: 131.09 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion:166 Resp: 1461598

Ion	Ratio	Lower	Upper
166	100		
168	47.4	38.2	57.2
129	69.8	59.8	89.6

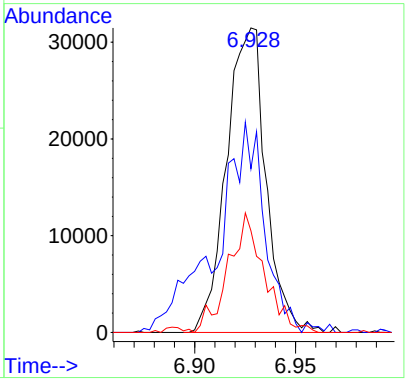




#72
CHLOROBENZENE
Concen: 1.46 UG/L
RT: 6.928 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VC080019.D
Acq: 20 Mar 2012 2:34 pm

Tgt Ion:112 Resp: 42836

Ion	Ratio	Lower	Upper
112	100		
77	63.2	50.5	75.7
114	35.5	26.0	39.0



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1 - FORM I
ANALYSIS DATA SHEET

MW-28D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-11	File ID:	VC080020.D
Sampled:	03/12/12 13:45	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-11	File ID:	VC080020.D
Sampled:	03/12/12 13:45	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	2.5	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-11	File ID:	VC080020.D
Sampled:	03/12/12 13:45	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	78	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28D-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-11	File ID:	VC080020.D
Sampled:	03/12/12 13:45	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080020.D
Acq On : 20 Mar 2012 3:05 pm
Operator :
Sample : 12C0442-11 Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

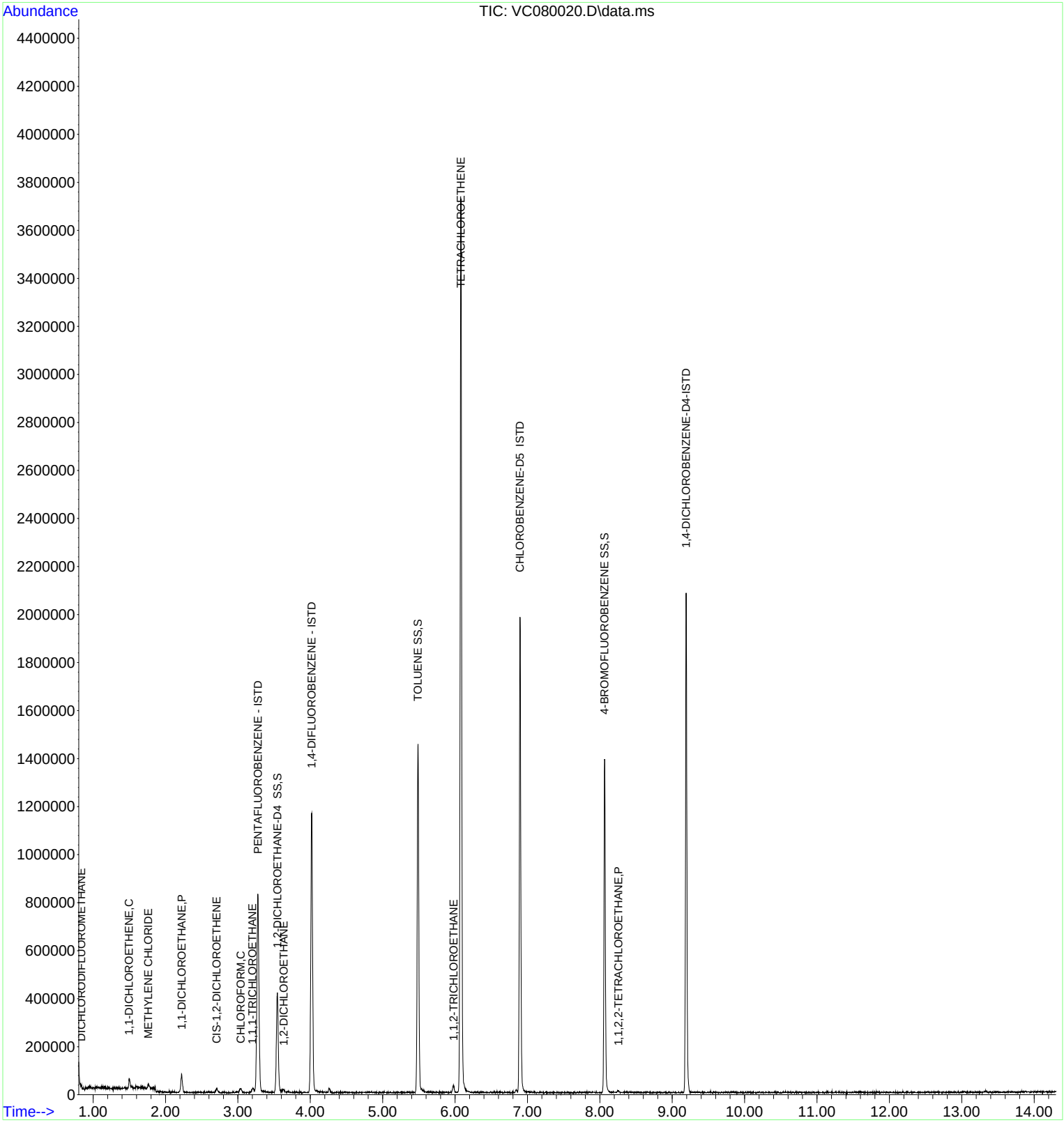
Quant Time: Mar 21 10:23:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

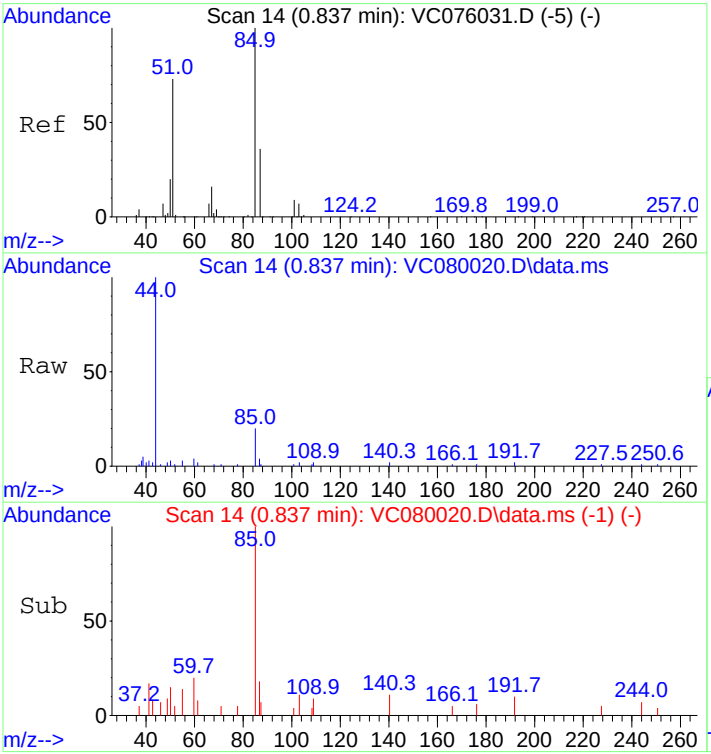
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	540956	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	815991	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	491938	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	415527	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	319882	22.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.96%				
49) TOLUENE SS	5.486	98	814837	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	372096	25.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	3015	0.22	UG/L		98
7) BROMOMETHANE	1.102	94	502	Below Cal		#	1
15) 1,1-DICHLOROETHENE	1.496	61	16320	0.87	UG/L	#	89
23) METHYLENE CHLORIDE	1.763	49	5200	0.35	UG/L	#	65
27) 1,1-DICHLOROETHANE	2.223	63	52033	2.51	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.706	61	3878	0.18	UG/L	#	75
40) CHLOROFORM	3.040	83	13528	0.64	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.199	97	10844m	0.57	UG/L		
50) 1,2-DICHLOROETHANE	3.634	62	9897m	0.45	UG/L		
64) 1,1,2-TRICHLOROETHANE	5.980	97	7192	0.76	UG/L	#	87
66) TETRACHLOROETHENE	6.080	166	886303	78.28	UG/L		98
81) 1,1,2,2-TETRACHLOROETHANE	8.258	83	1816	0.16	UG/L	#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080020.D
Acq On : 20 Mar 2012 3:05 pm
Operator :
Sample : 12C0442-11 Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 21 10:23:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

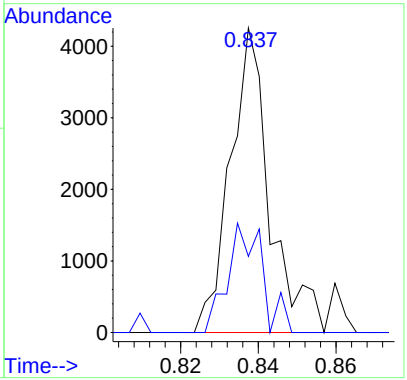


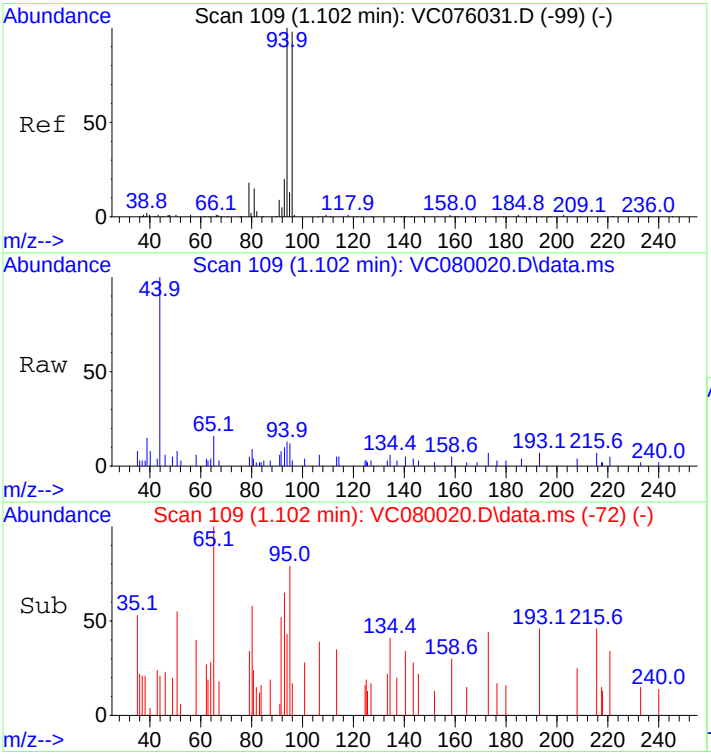


#3
DICHLORODIFLUOROMETHANE
Concen: 0.22 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 85 Resp: 3015

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.0	39.0

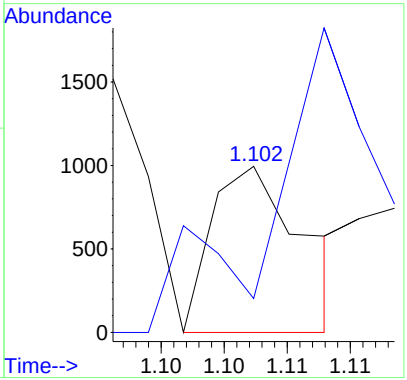


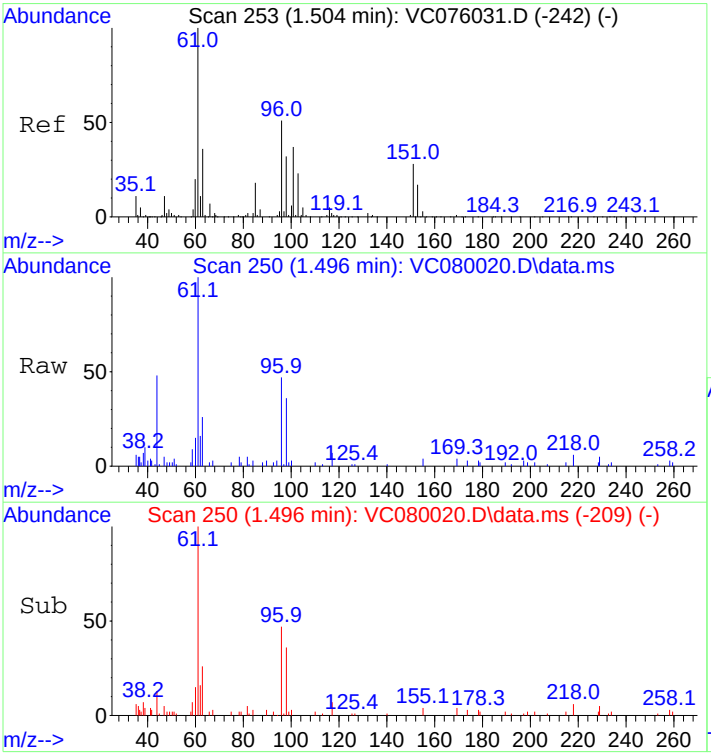


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 94 Resp: 502

Ion	Ratio	Lower	Upper
94	100		
96	287.3	76.6	114.8#

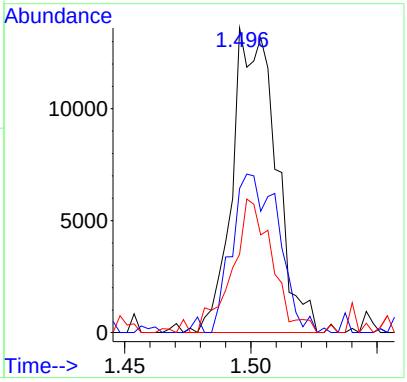


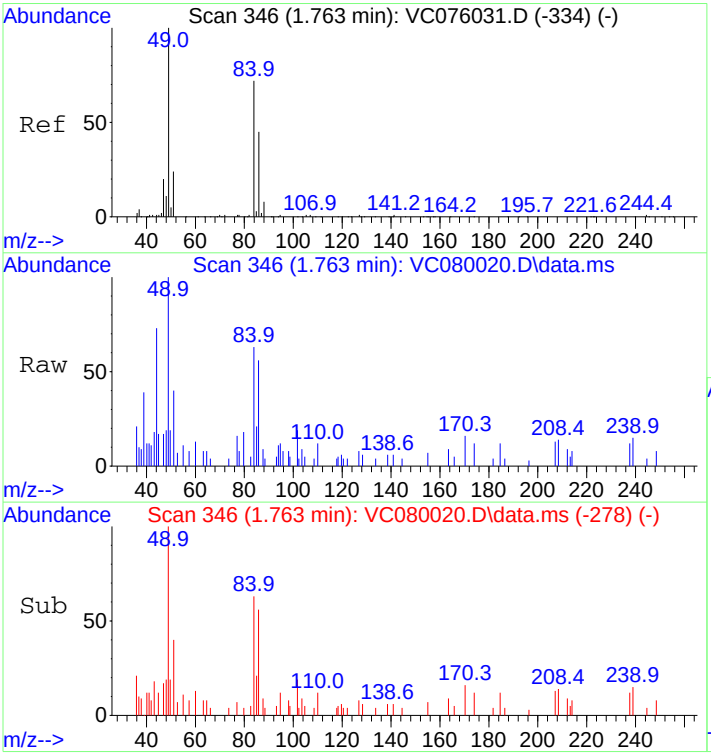


#15
1,1-DICHLOROETHENE
Concen: 0.87 UG/L
RT: 1.496 min Scan# 250
Delta R.T. -0.006 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 61 Resp: 16320

Ion	Ratio	Lower	Upper
61	100		
96	55.8	40.4	60.6
63	40.1	25.4	38.2#

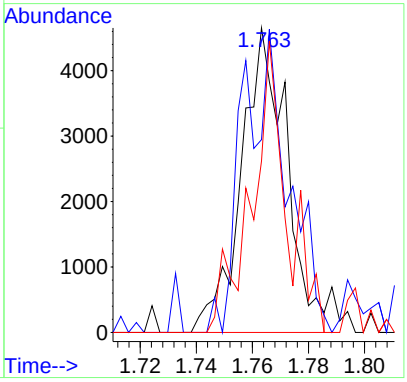


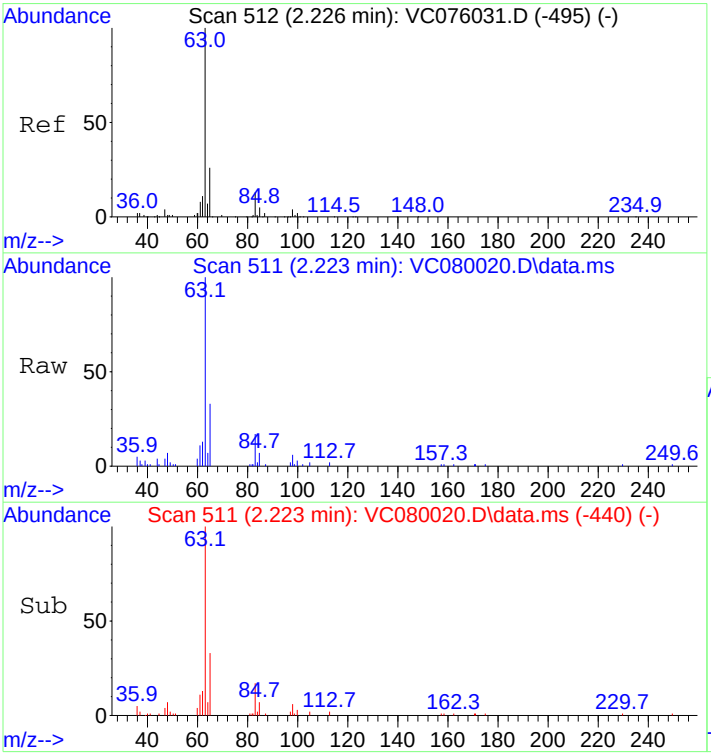


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L
RT: 1.763 min Scan# 346
Delta R.T. 0.000 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 49 Resp: 5200

Ion	Ratio	Lower	Upper
49	100		
84	38.2	62.8	94.2#
86	63.1	40.5	60.7#

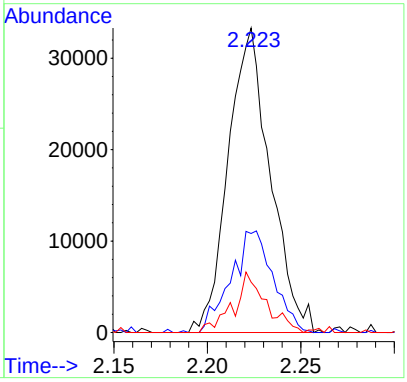


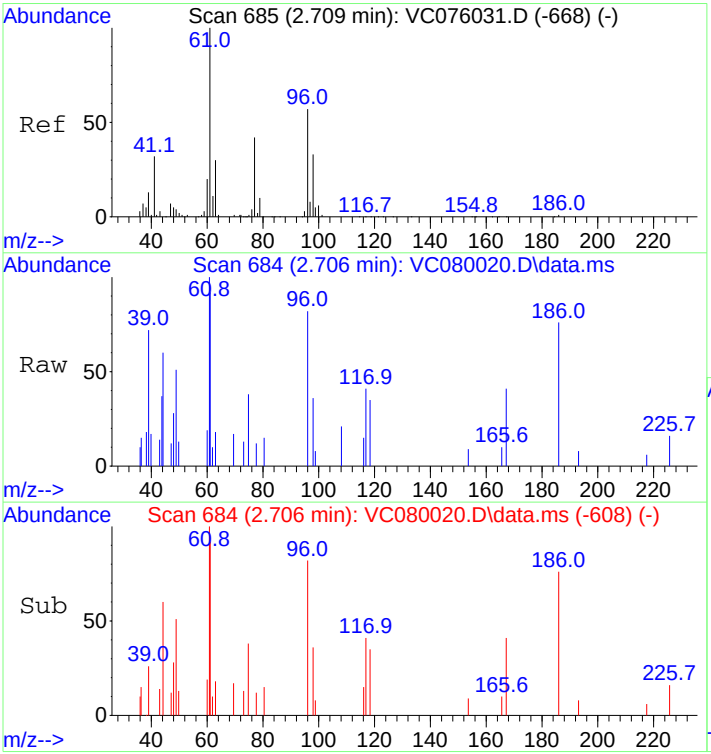


#27
1,1-DICHLOROETHANE
Concen: 2.51 UG/L
RT: 2.223 min Scan# 511
Delta R.T. 0.003 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 63 Resp: 52033

Ion	Ratio	Lower	Upper
63	100		
65	33.7	24.9	37.3
83	15.2	10.2	15.4

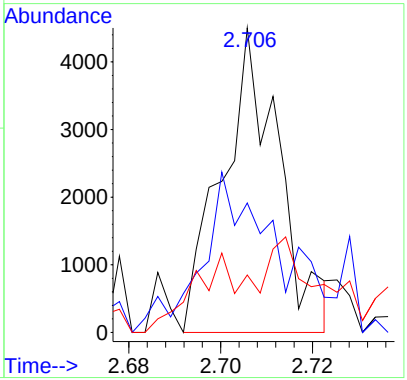


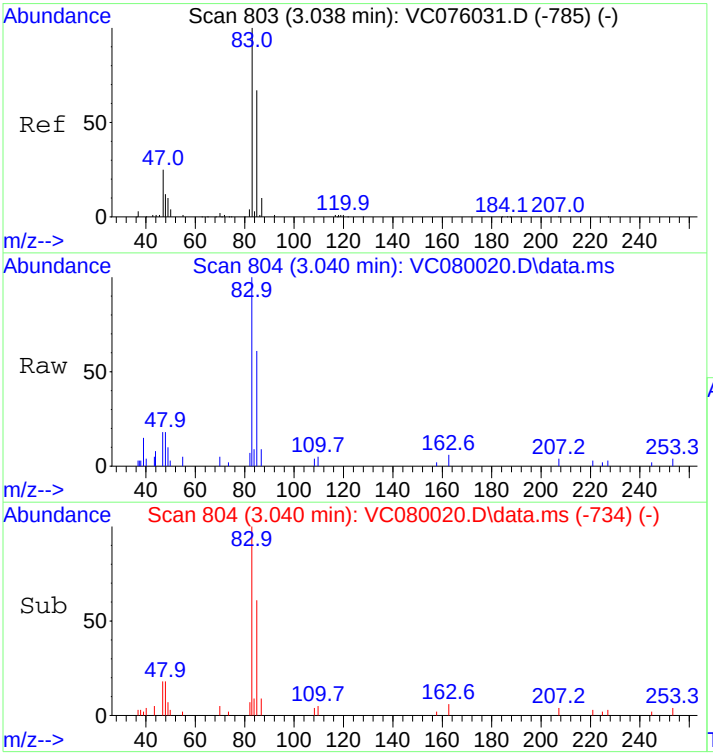


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.18 UG/L
RT: 2.706 min Scan# 684
Delta R.T. -0.003 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 61 Resp: 3878

Ion	Ratio	Lower	Upper
61	100		
96	70.7	44.7	67.1#
98	18.3	29.4	44.2#

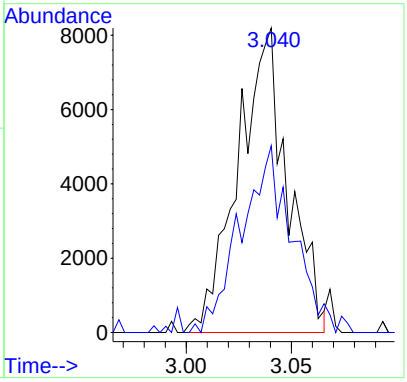


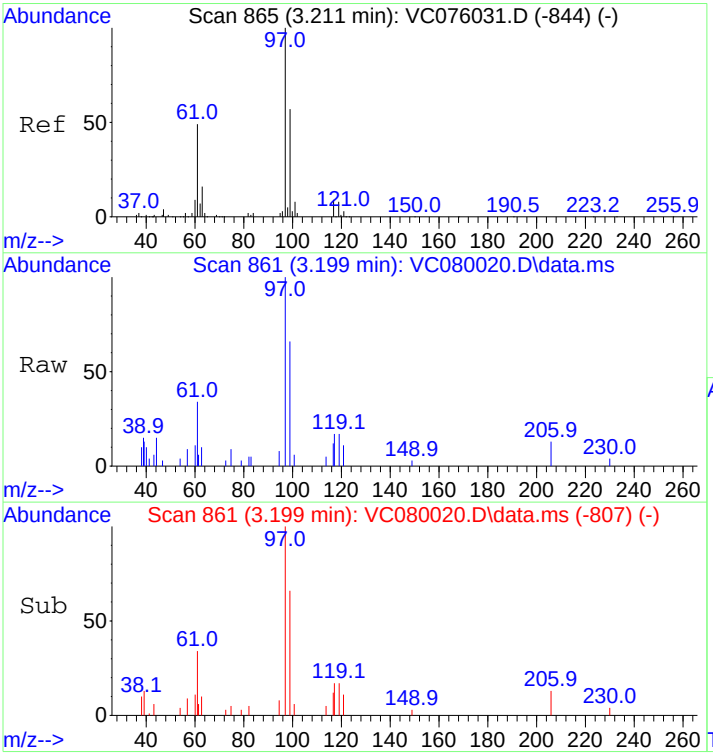


#40
CHLOROFORM
Concen: 0.64 UG/L
RT: 3.040 min Scan# 804
Delta R.T. 0.006 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 83 Resp: 13528

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.6

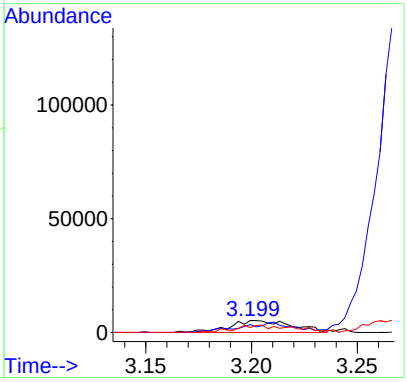


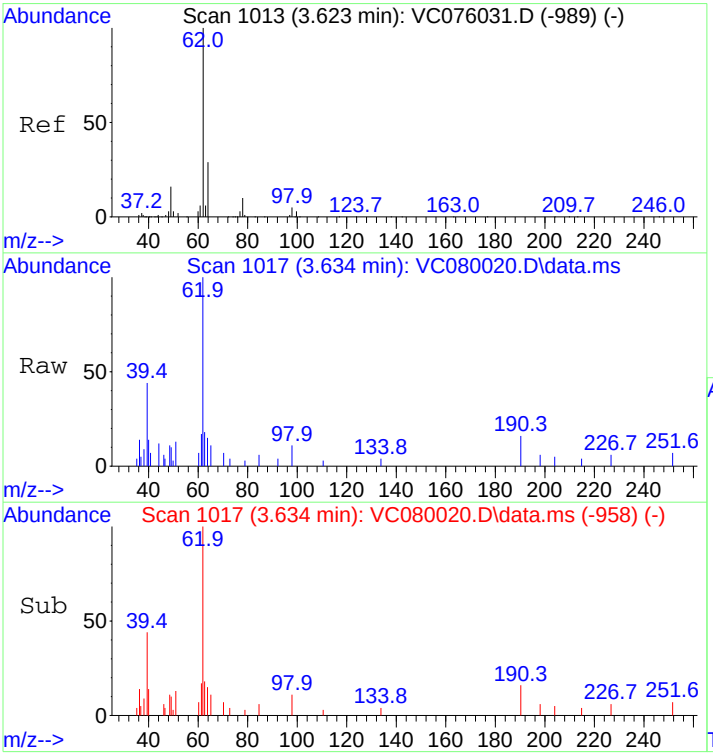


#41
1,1,1-TRICHLOROETHANE
Concen: 0.57 UG/L m
RT: 3.199 min Scan# 861
Delta R.T. -0.011 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 97 Resp: 10844

Ion	Ratio	Lower	Upper
97	100		
99	15.8	50.9	76.3#
61	37.4	40.1	60.1#

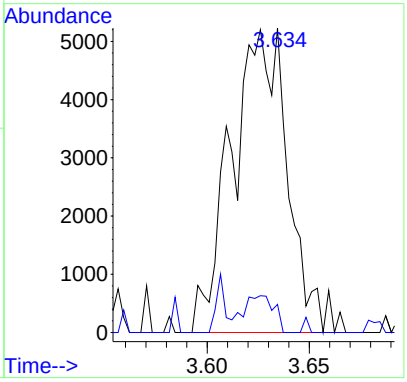


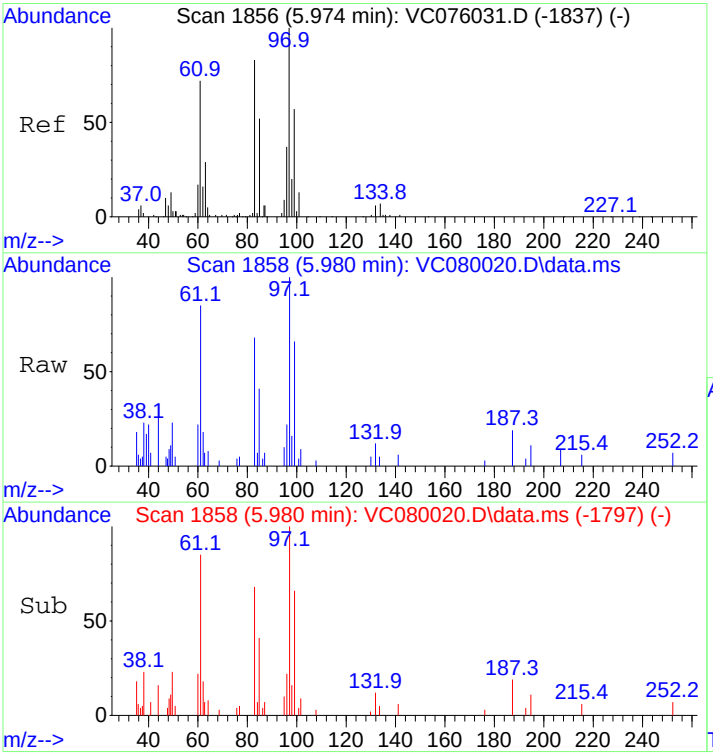


#50
1,2-DICHLOROETHANE
Concen: 0.45 UG/L m
RT: 3.634 min Scan# 1017
Delta R.T. 0.011 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 62 Resp: 9897

Ion	Ratio	Lower	Upper
62	100		
98	6.6	4.3	6.5#

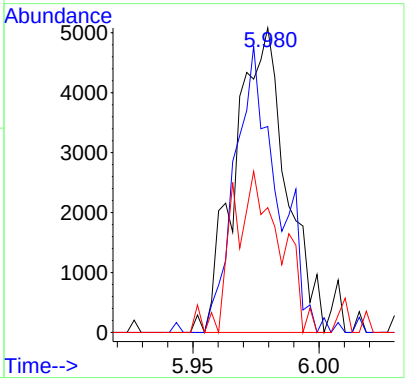


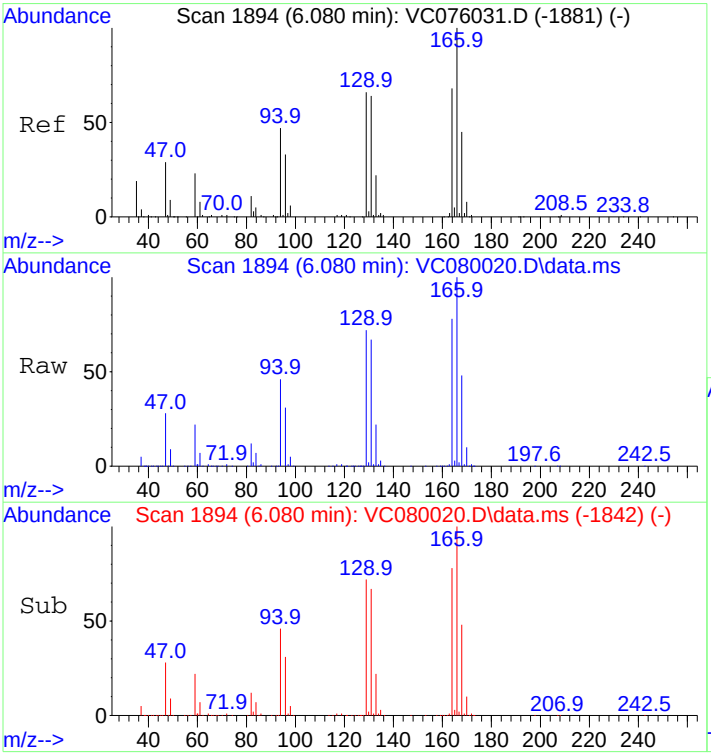


#64
1,1,2-TRICHLOROETHANE
Concen: 0.76 UG/L
RT: 5.980 min Scan# 1858
Delta R.T. 0.008 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 97 Resp: 7192

Ion	Ratio	Lower	Upper
97	100		
83	78.1	66.1	99.1
85	35.3	43.1	64.7#

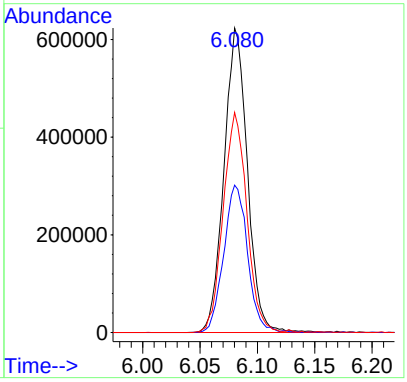


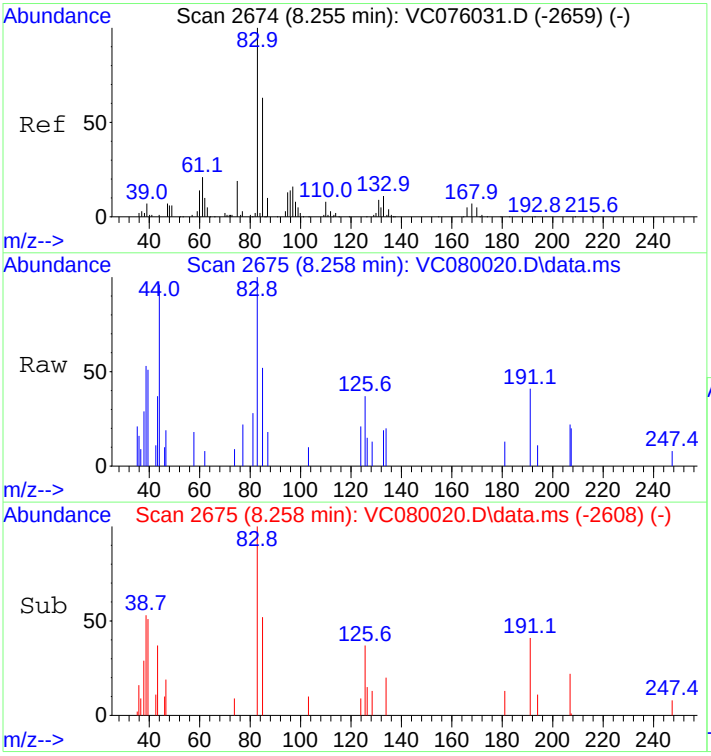


#66
TETRACHLOROETHENE
Concen: 78.28 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion:166 Resp: 886303

Ion	Ratio	Lower	Upper
166	100		
168	49.2	38.2	57.2
129	73.0	59.8	89.6

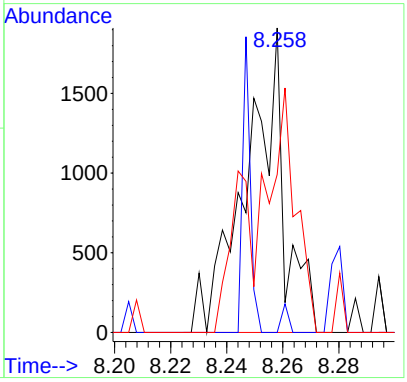




#81
1,1,2,2-TETRACHLOROETHANE
Concen: 0.16 UG/L
RT: 8.258 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VC080020.D
Acq: 20 Mar 2012 3:05 pm

Tgt Ion: 83 Resp: 1816

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.5	12.7#
85	57.0	52.1	78.1



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1 - FORM I
ANALYSIS DATA SHEET

MW-28C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-12	File ID:	VC080021.D
Sampled:	03/12/12 14:55	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:35
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.79	0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-12	File ID:	VC080021.D
Sampled:	03/12/12 14:55	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:35
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-12	File ID:	VC080021.D
Sampled:	03/12/12 14:55	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:35
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	15	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	74	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	1.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-28C-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0442-12	File ID:	VC080021.D
Sampled:	03/12/12 14:55	Prepared:	03/20/12 08:55	Analyzed:	03/20/12 15:35
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032012\
Data File : VC080021.D
Acq On : 20 Mar 2012 3:35 pm
Operator :
Sample : 12C0442-12 Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

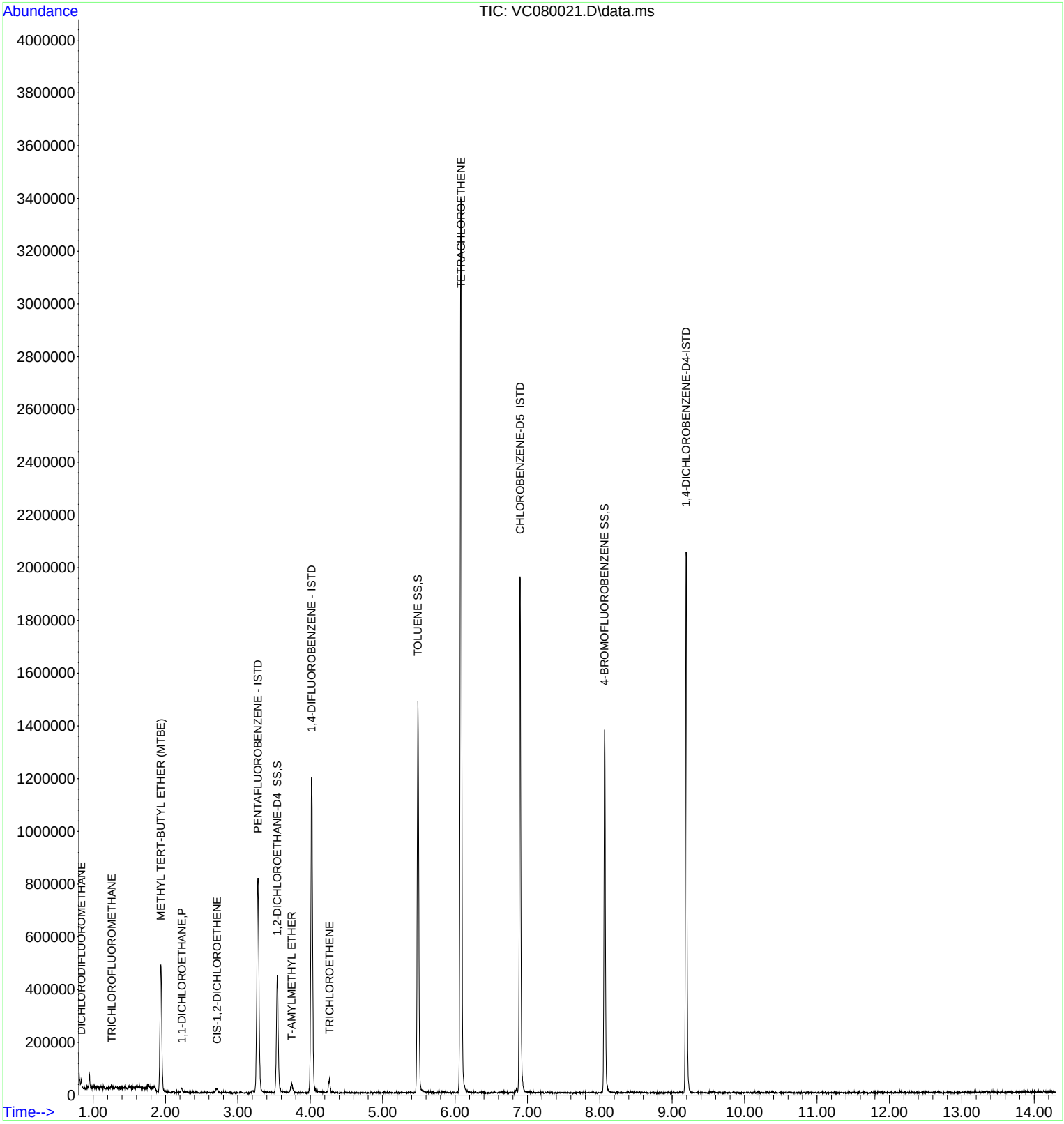
Quant Time: Mar 21 10:25:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

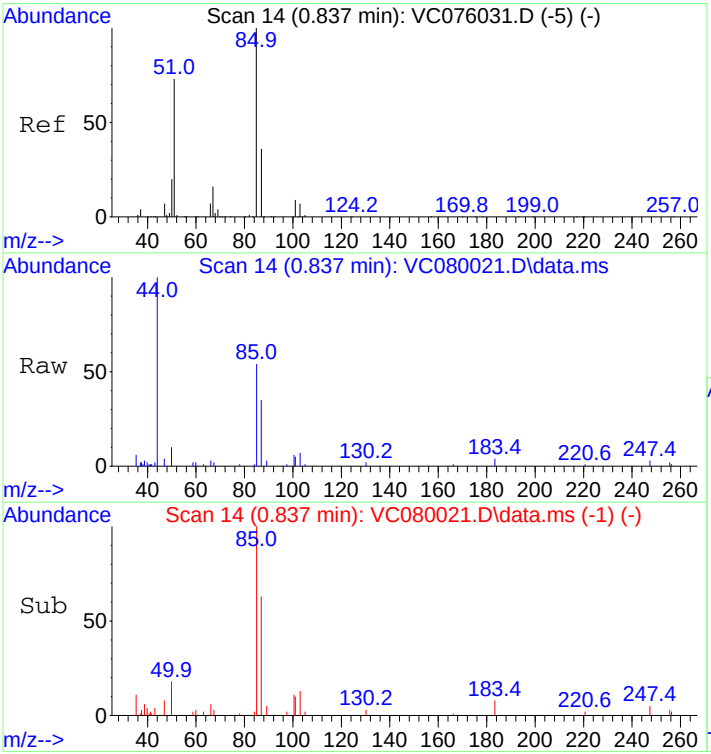
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	546110	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	834050	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	501790	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	421109	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	327294	23.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.20%			
49) TOLUENE SS	5.486	98	827938	25.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%			
71) 4-BROMOFLUOROBENZENE SS	8.065	95	381566	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	9571	0.68	UG/L #	81
7) BROMOMETHANE	1.102	94	807	Below Cal		96
10) TRICHLOROFLUOROMETHANE	1.258	101	4233	0.22	UG/L	91
25) METHYL TERT-BUTYL ETHE...	1.936	73	389864	15.09	UG/L	100
27) 1,1-DICHLOROETHANE	2.226	63	9149	0.44	UG/L #	95
33) CIS-1,2-DICHLOROETHENE	2.711	61	5016m	0.23	UG/L	
47) T-AMYLMETHYL ETHER	3.740	73	21037	0.79	UG/L #	76
51) TRICHLOROETHENE	4.265	95	12623	1.03	UG/L	98
66) TETRACHLOROETHENE	6.083	166	856177	73.98	UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080021.D
Acq On : 20 Mar 2012 3:35 pm
Operator :
Sample : 12C0442-12 Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 21 10:25:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

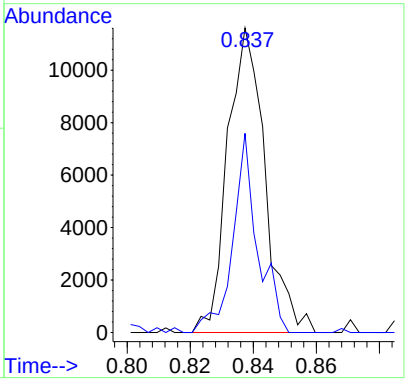


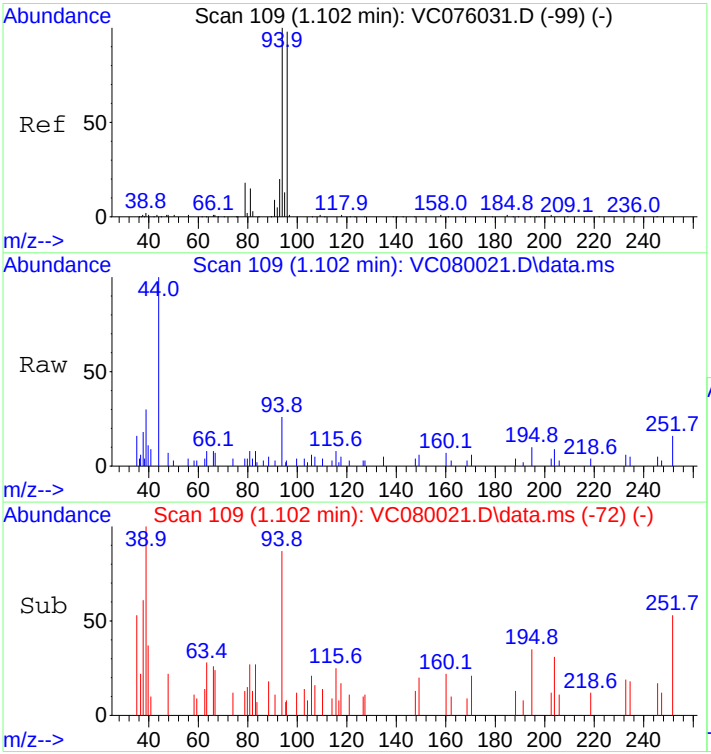


#3
DICHLORODIFLUOROMETHANE
Concen: 0.68 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 85 Resp: 9571

Ion	Ratio	Lower	Upper
85	100		
87	43.4	26.0	39.0#

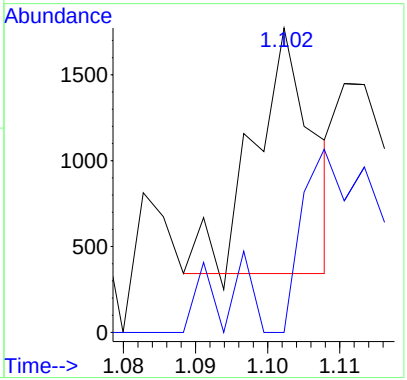


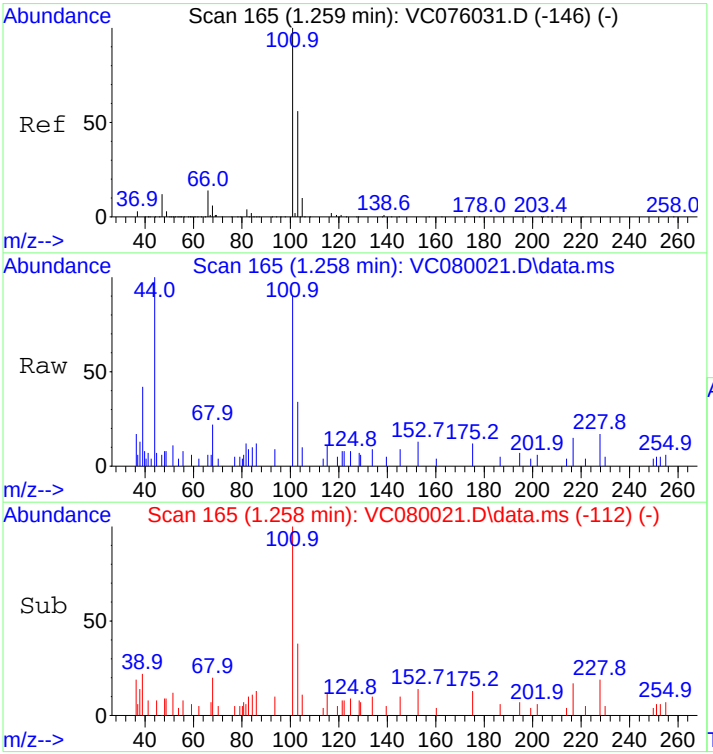


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 94 Resp: 807

Ion	Ratio	Lower	Upper
94	100		
96	99.6	76.6	114.8

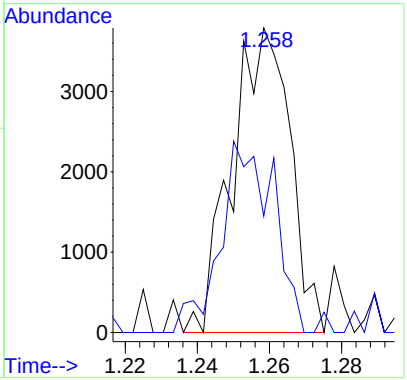


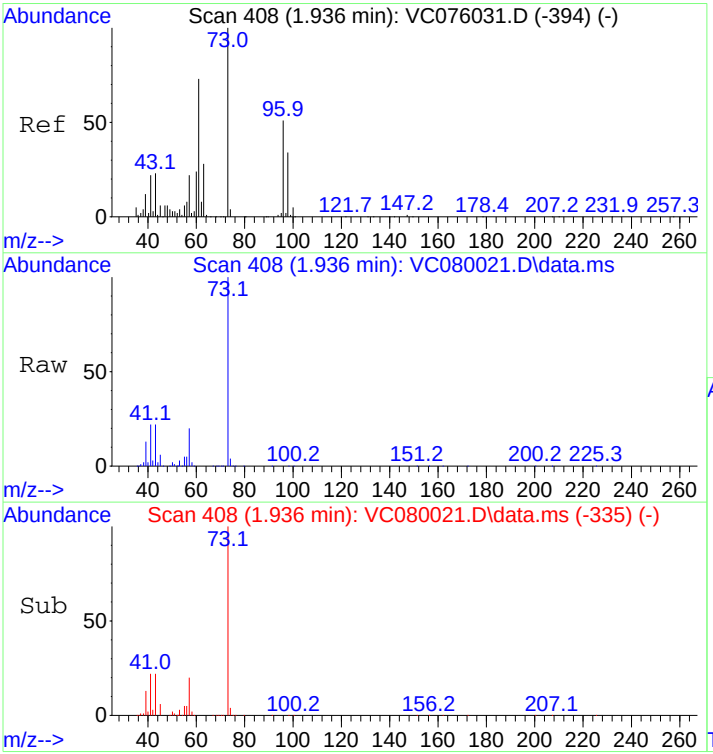


#10
TRICHLOROFLUOROMETHANE
Concen: 0.22 UG/L
RT: 1.258 min Scan# 165
Delta R.T. 0.003 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion:101 Resp: 4233

Ion	Ratio	Lower	Upper
101	100		
103	57.4	51.8	77.6

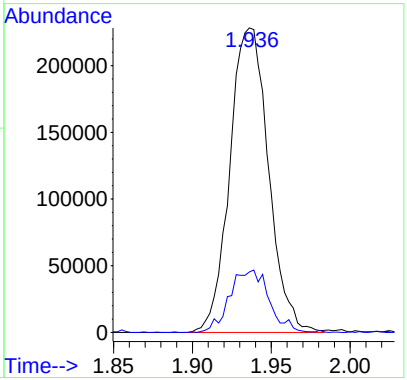


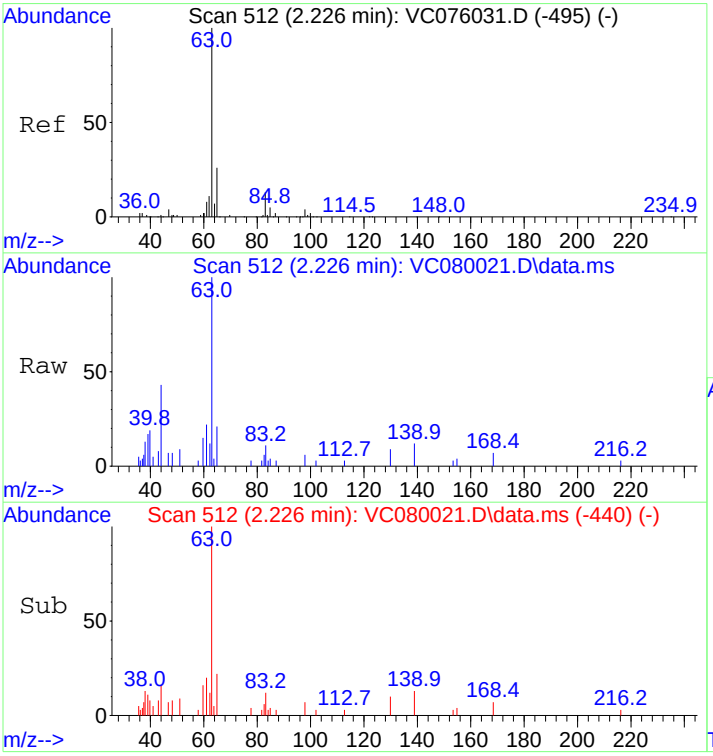


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 15.09 UG/L
RT: 1.936 min Scan# 408
Delta R.T. 0.003 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 73 Resp: 389864

Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.7	25.1

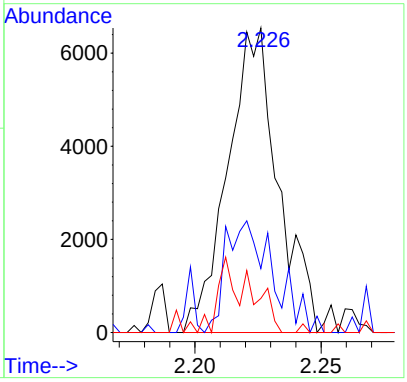


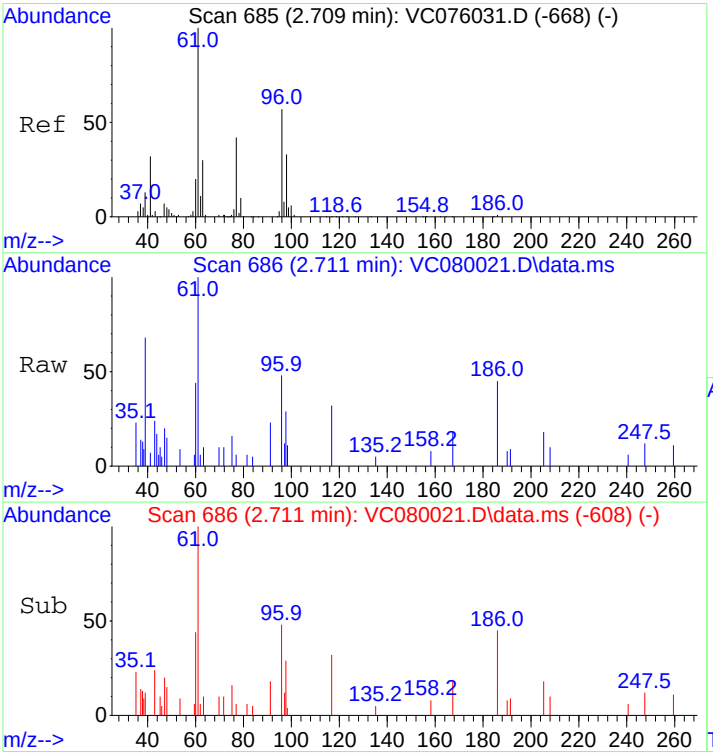


#27
1,1-DICHLOROETHANE
Concen: 0.44 UG/L
RT: 2.226 min Scan# 512
Delta R.T. 0.006 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 63 Resp: 9149

Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.9	37.3
83	8.3	10.2	15.4#

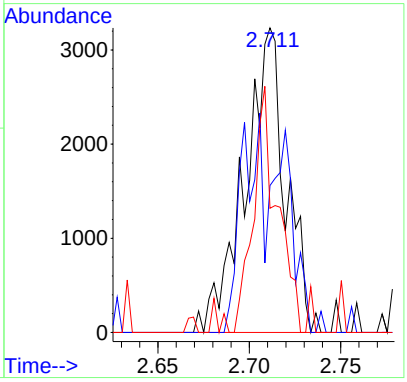


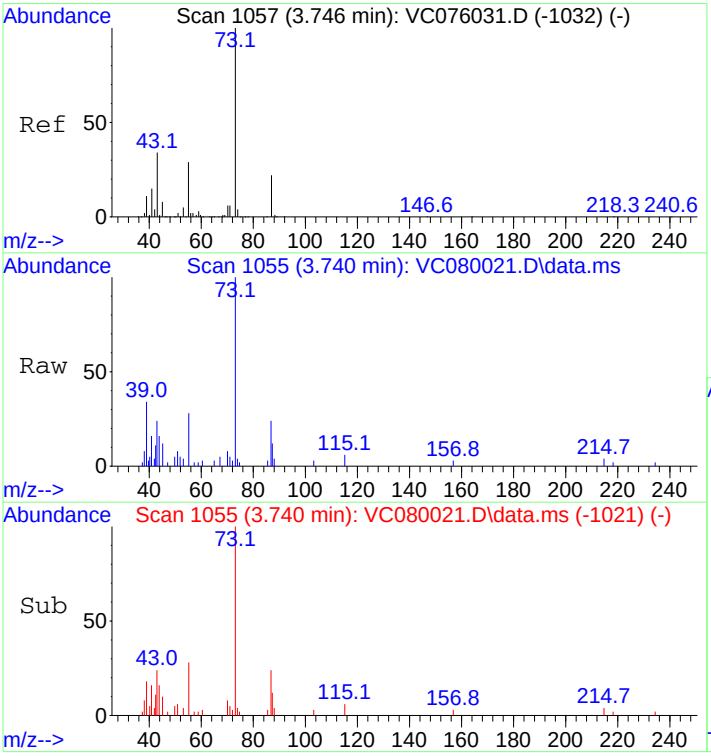


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.23 UG/L m
RT: 2.711 min Scan# 686
Delta R.T. 0.003 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 61 Resp: 5016

Ion	Ratio	Lower	Upper
61	100		
96	29.9	44.7	67.1#
98	47.6	29.4	44.2#

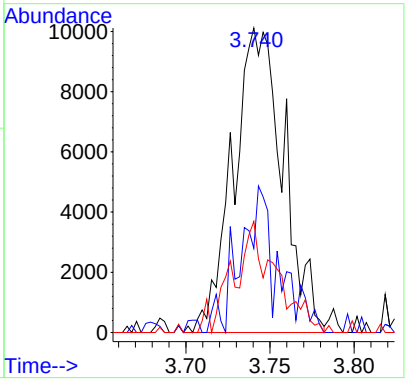


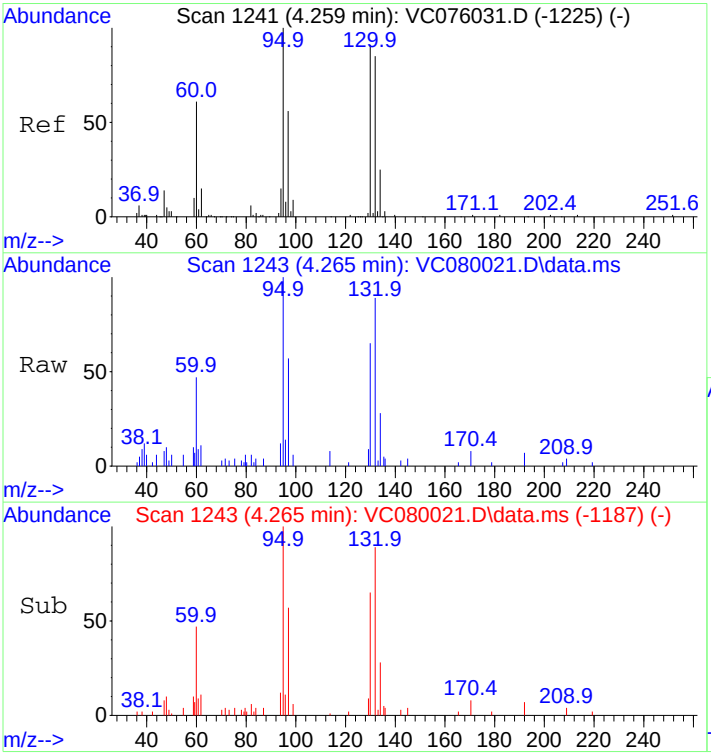


#47
T-AMYLMETHYL ETHER
Concen: 0.79 UG/L
RT: 3.740 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 73 Resp: 21037

Ion	Ratio	Lower	Upper
73	100		
55	24.4	24.5	36.7#
87	6.0	20.5	30.7#

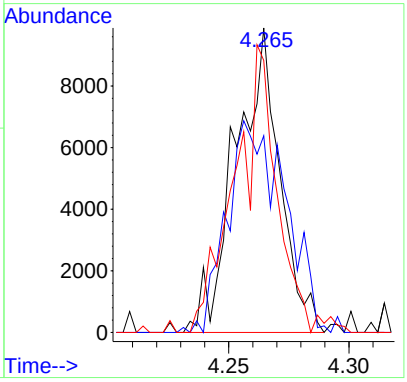


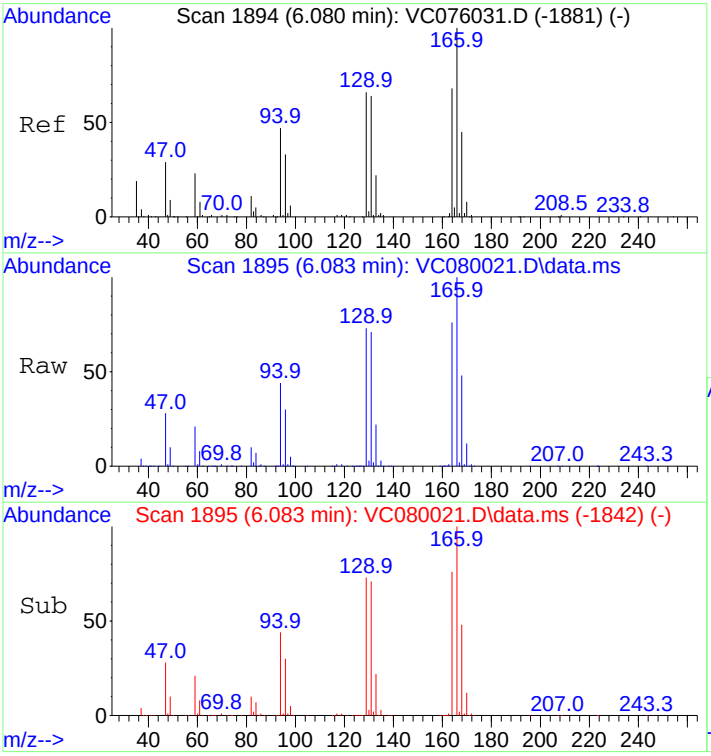


#51
TRICHLOROETHENE
Concen: 1.03 UG/L
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion: 95 Resp: 12623

Ion	Ratio	Lower	Upper
95	100		
130	92.0	74.8	112.2
132	88.3	72.4	108.6

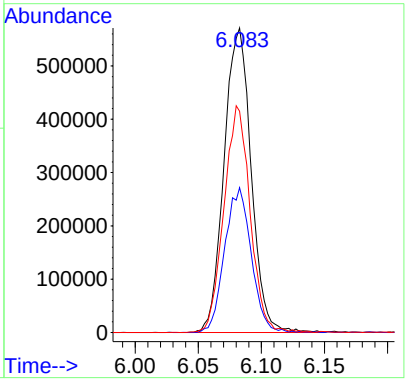




#66
TETRACHLOROETHENE
Concen: 73.98 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC080021.D
Acq: 20 Mar 2012 3:35 pm

Tgt Ion:166 Resp: 856177

Ion	Ratio	Lower	Upper
166	100		
168	46.7	38.2	57.2
129	71.7	59.8	89.6



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0442-01	88.0	98.1	103
12C0442-02	92.3	98.5	99.5
12C0442-03	92.6	98.9	97.4
12C0442-04	92.2	96.8	99.8
12C0442-05	93.5	98.4	101
12C0442-06	94.2	101	101
12C0442-07	93.5	99.4	99.9
12C0442-08	92.3	99.8	101
12C0442-09	91.6	98.8	100
12C0442-10	90.4	103	98.9
12C0442-11	92.0	100	101
12C0442-12	93.2	101	100
B048211-BLK1	92.3	98.8	102
B048211-BS1	93.9	102	101
B048211-BSD1	91.7	102	101
B048211-MS1	91.4	102	102
B048211-MSD1	91.2	99.8	100

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	ND	89.6	89.6		70 - 130
Acrylonitrile	10.0	ND	10.6	106		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	10.0	100		70 - 130
Benzene	10.0	ND	11.0	110		70 - 130
Bromobenzene	10.0	ND	10.7	107		70 - 130
Bromochloromethane	10.0	ND	9.59	95.9		70 - 130
Bromodichloromethane	10.0	ND	10.3	103		70 - 130
Bromoform	10.0	ND	11.5	115		70 - 130
Bromomethane	10.0	ND	5.74	57.4	*	70 - 130
2-Butanone (MEK)	100	ND	86.5	86.5		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	105	105		70 - 130
n-Butylbenzene	10.0	ND	11.6	116		70 - 130
sec-Butylbenzene	10.0	ND	12.5	125		70 - 130
tert-Butylbenzene	10.0	ND	11.8	118		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	9.78	97.8		70 - 130
Carbon Disulfide	10.0	ND	10.1	101		70 - 130
Carbon Tetrachloride	10.0	ND	10.8	108		70 - 130
Chlorobenzene	10.0	1.46	13.4	119		70 - 130
Chlorodibromomethane	10.0	ND	11.3	113		70 - 130
Chloroethane	10.0	ND	9.24	92.4		70 - 130
Chloroform	10.0	ND	11.2	112		70 - 130
Chloromethane	10.0	ND	8.82	88.2		70 - 130
2-Chlorotoluene	10.0	ND	12.2	122		70 - 130
4-Chlorotoluene	10.0	ND	12.2	122		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	10.1	101		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	11.3	113	70 - 130
Dibromomethane	10.0	ND	10.7	107	70 - 130
1,2-Dichlorobenzene	10.0	ND	11.3	113	70 - 130
1,3-Dichlorobenzene	10.0	ND	11.9	119	70 - 130
1,4-Dichlorobenzene	10.0	ND	10.6	106	70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	7.97	79.7	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	9.24	92.4	70 - 130
1,1-Dichloroethane	10.0	0.360	11.3	109	70 - 130
1,2-Dichloroethane	10.0	ND	11.2	112	70 - 130
1,1-Dichloroethylene	10.0	0.390	10.1	97.4	70 - 130
cis-1,2-Dichloroethylene	10.0	15.2	25.5	103	70 - 130
trans-1,2-Dichloroethylene	10.0	0.610	11.5	109	70 - 130
1,2-Dichloropropane	10.0	ND	11.0	110	70 - 130
1,3-Dichloropropane	10.0	ND	11.0	110	70 - 130
2,2-Dichloropropane	10.0	ND	10.4	104	70 - 130
1,1-Dichloropropene	10.0	ND	10.7	107	70 - 130
cis-1,3-Dichloropropene	10.0	ND	11.2	112	70 - 130
trans-1,3-Dichloropropene	10.0	ND	12.4	124	70 - 130
Diethyl Ether	10.0	ND	9.47	94.7	70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	10.1	101	70 - 130
1,4-Dioxane	100	ND	92.7	92.7	70 - 130
Ethylbenzene	10.0	ND	11.3	113	70 - 130
Hexachlorobutadiene	10.0	ND	11.9	119	70 - 130
2-Hexanone (MBK)	100	ND	97.0	97.0	70 - 130
Isopropylbenzene (Cumene)	10.0	ND	12.4	124	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	12.0	120		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	1.84	13.0	111		70 - 130
Methylene Chloride	10.0	ND	8.41	84.1		70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	96.9	96.9		70 - 130
Naphthalene	10.0	ND	7.24	72.4		70 - 130
n-Propylbenzene	10.0	ND	12.1	121		70 - 130
Styrene	10.0	ND	11.5	115		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	11.3	113		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	11.3	113		70 - 130
Tetrachloroethylene	10.0	131	152	207	*	70 - 130
Tetrahydrofuran	10.0	ND	10.0	100		70 - 130
Toluene	10.0	ND	11.8	118		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	9.04	90.4		70 - 130
1,2,4-Trichlorobenzene	10.0	ND	8.98	89.8		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.90	99.0		70 - 130
1,1,1-Trichloroethane	10.0	ND	10.8	108		70 - 130
1,1,2-Trichloroethane	10.0	ND	11.6	116		70 - 130
Trichloroethylene	10.0	86.1	99.9	137	*	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	10.2	102		70 - 130
1,2,3-Trichloropropane	10.0	ND	10.5	105		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	11.6	116		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	11.0	110		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	11.1	111		70 - 130
Vinyl Chloride	10.0	0.280	9.04	87.6		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	ND	23.3	116	70 - 130
o-Xylene	10.0	ND	12.1	121	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	94.7	94.7	5.58	30	70 - 130
Acrylonitrile	10.0	10.6	106	0.471	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.3	113	12.6	30	70 - 130
Benzene	10.0	11.9	119	7.58	30	70 - 130
Bromobenzene	10.0	11.3	113	5.81	30	70 - 130
Bromochloromethane	10.0	9.93	99.3	3.48	30	70 - 130
Bromodichloromethane	10.0	10.7	107	3.62	30	70 - 130
Bromoform	10.0	12.3	123	6.62	30	70 - 130
Bromomethane	10.0	7.72	77.2	29.4	30	70 - 130
2-Butanone (MEK)	100	98.0	98.0	12.5	30	70 - 130
tert-Butyl Alcohol (TBA)	100	119	119	12.2	30	70 - 130
n-Butylbenzene	10.0	11.4	114	1.13	30	70 - 130
sec-Butylbenzene	10.0	12.6	126	0.558	30	70 - 130
tert-Butylbenzene	10.0	12.0	120	1.26	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.6	106	7.76	30	70 - 130
Carbon Disulfide	10.0	10.6	106	5.11	30	70 - 130
Carbon Tetrachloride	10.0	12.0	120	10.7	30	70 - 130
Chlorobenzene	10.0	13.8	124	3.68	30	70 - 130
Chlorodibromomethane	10.0	12.0	120	6.10	30	70 - 130
Chloroethane	10.0	9.93	99.3	7.20	30	70 - 130
Chloroform	10.0	12.0	120	6.30	30	70 - 130
Chloromethane	10.0	9.12	91.2	3.34	30	70 - 130
2-Chlorotoluene	10.0	12.6	126	2.91	30	70 - 130
4-Chlorotoluene	10.0	12.7	127	3.78	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.3	103	1.96	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	11.8	118		4.06		30	70 - 130
Dibromomethane	10.0	11.2	112		4.12		30	70 - 130
1,2-Dichlorobenzene	10.0	11.9	119		4.83		30	70 - 130
1,3-Dichlorobenzene	10.0	11.6	116		2.12		30	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106		0.376		30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.67	86.7		8.41		30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	9.79	97.9		5.78		30	70 - 130
1,1-Dichloroethane	10.0	11.7	114		3.74		30	70 - 130
1,2-Dichloroethane	10.0	10.9	109		3.17		30	70 - 130
1,1-Dichloroethylene	10.0	11.0	106		8.05		30	70 - 130
cis-1,2-Dichloroethylene	10.0	26.0	108		1.87		30	70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	112		2.83		30	70 - 130
1,2-Dichloropropane	10.0	11.6	116		6.10		30	70 - 130
1,3-Dichloropropane	10.0	11.2	112		1.45		30	70 - 130
2,2-Dichloropropane	10.0	11.2	112		7.24		30	70 - 130
1,1-Dichloropropene	10.0	11.4	114		6.70		30	70 - 130
cis-1,3-Dichloropropene	10.0	11.3	113		0.799		30	70 - 130
trans-1,3-Dichloropropene	10.0	13.1	131	*	5.59		30	70 - 130
Diethyl Ether	10.0	9.80	98.0		3.43		30	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.2	102		0.689		30	70 - 130
1,4-Dioxane	100	136	136	*	37.7	*	30	70 - 130
Ethylbenzene	10.0	11.9	119		4.57		30	70 - 130
Hexachlorobutadiene	10.0	11.1	111		6.35		30	70 - 130
2-Hexanone (MBK)	100	101	101		4.28		30	70 - 130
Isopropylbenzene (Cumene)	10.0	12.9	129		4.51		30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	12.0	120		0.0832	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	14.1	123		8.48	30	70 - 130
Methylene Chloride	10.0	9.09	90.9		7.77	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	100	100		3.59	30	70 - 130
Naphthalene	10.0	7.72	77.2		6.42	30	70 - 130
n-Propylbenzene	10.0	12.8	128		5.69	30	70 - 130
Styrene	10.0	11.9	119		3.59	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	12.2	122		7.90	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.9	119		5.34	30	70 - 130
Tetrachloroethylene	10.0	146	146	*	4.14	30	70 - 130
Tetrahydrofuran	10.0	11.3	113		12.3	30	70 - 130
Toluene	10.0	11.8	118		0.508	30	70 - 130
1,2,3-Trichlorobenzene	10.0	9.09	90.9		0.552	30	70 - 130
1,2,4-Trichlorobenzene	10.0	9.52	95.2		5.84	30	70 - 130
1,3,5-Trichlorobenzene	10.0	9.80	98.0		1.02	30	70 - 130
1,1,1-Trichloroethane	10.0	12.1	121		11.0	30	70 - 130
1,1,2-Trichloroethane	10.0	11.5	115		1.21	30	70 - 130
Trichloroethylene	10.0	100	142	*	0.479	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.2	112		9.41	30	70 - 130
1,2,3-Trichloropropane	10.0	11.4	114		8.39	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.9	119		2.04	30	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111		0.633	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.7	117		5.51	30	70 - 130
Vinyl Chloride	10.0	9.07	87.9		0.331	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-37C-March-2012 MS/MSD

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048211	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048211-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0442-10
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	24.3	121	4.16	20	70 - 130
o-Xylene	10.0	12.6	126	4.20	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	145	145		70 - 160
Acrylonitrile	10.0	11.3	113		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103		70 - 130
Benzene	10.0	9.03	90.3		70 - 130
Bromobenzene	10.0	9.18	91.8		70 - 130
Bromochloromethane	10.0	8.24	82.4		70 - 130
Bromodichloromethane	10.0	8.86	88.6		70 - 130
Bromoform	10.0	12.2	122		70 - 130
Bromomethane	10.0	3.06	30.6	*	40 - 160
2-Butanone (MEK)	100	111	111		40 - 160
tert-Butyl Alcohol (TBA)	100	129	129		40 - 160
n-Butylbenzene	10.0	8.85	88.5		70 - 130
sec-Butylbenzene	10.0	9.16	91.6		70 - 130
tert-Butylbenzene	10.0	9.07	90.7		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.47	94.7		70 - 130
Carbon Disulfide	10.0	8.35	83.5		70 - 130
Carbon Tetrachloride	10.0	8.24	82.4		70 - 130
Chlorobenzene	10.0	9.82	98.2		70 - 130
Chlorodibromomethane	10.0	9.97	99.7		70 - 130
Chloroethane	10.0	7.78	77.8		70 - 130
Chloroform	10.0	9.38	93.8		70 - 130
Chloromethane	10.0	6.49	64.9		40 - 160
2-Chlorotoluene	10.0	9.90	99.0		70 - 130
4-Chlorotoluene	10.0	9.89	98.9		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.5	105		70 - 130
1,2-Dibromoethane (EDB)	10.0	10.9	109		70 - 130
Dibromomethane	10.0	9.54	95.4		70 - 130
1,2-Dichlorobenzene	10.0	9.56	95.6		70 - 130
1,3-Dichlorobenzene	10.0	9.80	98.0		70 - 130
1,4-Dichlorobenzene	10.0	8.87	88.7		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.46	94.6		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	6.75	67.5		40 - 160
1,1-Dichloroethane	10.0	9.12	91.2		70 - 130
1,2-Dichloroethane	10.0	9.57	95.7		70 - 130
1,1-Dichloroethylene	10.0	7.67	76.7		70 - 130
cis-1,2-Dichloroethylene	10.0	8.17	81.7		70 - 130
trans-1,2-Dichloroethylene	10.0	8.42	84.2		70 - 130
1,2-Dichloropropane	10.0	8.57	85.7		70 - 130
1,3-Dichloropropane	10.0	9.88	98.8		70 - 130
2,2-Dichloropropane	10.0	8.83	88.3		40 - 130
1,1-Dichloropropene	10.0	8.64	86.4		70 - 130
cis-1,3-Dichloropropene	10.0	9.81	98.1		70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114		70 - 130
Diethyl Ether	10.0	8.86	88.6		70 - 130
Diisopropyl Ether (DIPE)	10.0	8.76	87.6		70 - 130
1,4-Dioxane	100	131	131	*	40 - 130
Ethylbenzene	10.0	9.11	91.1		70 - 130
Hexachlorobutadiene	10.0	8.99	89.9		70 - 130
2-Hexanone (MBK)	100	110	110		70 - 160
Isopropylbenzene (Cumene)	10.0	10.1	101		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	9.12	91.2		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.5	115		70 - 130
Methylene Chloride	10.0	8.25	82.5		70 - 130
4-Methyl-2-pentanone (MIBK)	100	102	102		70 - 160
Naphthalene	10.0	8.38	83.8		40 - 130
n-Propylbenzene	10.0	9.83	98.3		70 - 130
Styrene	10.0	9.71	97.1		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3	103		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.7	117		70 - 130
Tetrachloroethylene	10.0	9.07	90.7		70 - 130
Tetrahydrofuran	10.0	10.4	104		70 - 130
Toluene	10.0	9.14	91.4		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.49	94.9	70 - 130
1,2,4-Trichlorobenzene	10.0	8.92	89.2	70 - 130
1,3,5-Trichlorobenzene	10.0	8.18	81.8	70 - 130
1,1,1-Trichloroethane	10.0	8.50	85.0	70 - 130
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130
Trichloroethylene	10.0	8.53	85.3	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	7.69	76.9	70 - 130
1,2,3-Trichloropropane	10.0	11.2	112	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.65	86.5	70 - 130
1,2,4-Trimethylbenzene	10.0	8.99	89.9	70 - 130
1,3,5-Trimethylbenzene	10.0	9.13	91.3	70 - 130
Vinyl Chloride	10.0	6.76	67.6	40 - 160
m+p Xylene	20.0	18.7	93.3	70 - 130
o-Xylene	10.0	9.85	98.5	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	139	139	4.61	25	70 - 160
Acrylonitrile	10.0	11.7	117	3.56	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103	0.389	25	70 - 130
Benzene	10.0	9.06	90.6	0.332	25	70 - 130
Bromobenzene	10.0	9.81	98.1	6.64	25	70 - 130
Bromochloromethane	10.0	8.71	87.1	5.55	25	70 - 130
Bromodichloromethane	10.0	9.57	95.7	7.70	25	70 - 130
Bromoform	10.0	12.9	129	5.66	25	70 - 130
Bromomethane	10.0	4.39	43.9	35.7	25	40 - 160
2-Butanone (MEK)	100	117	117	4.70	25	40 - 160
tert-Butyl Alcohol (TBA)	100	136	136	4.98	25	40 - 160
n-Butylbenzene	10.0	9.44	94.4	6.45	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.80	98.0	6.75	25	70 - 130
tert-Butylbenzene	10.0	9.68	96.8	6.51	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.30	93.0	1.81	25	70 - 130
Carbon Disulfide	10.0	8.26	82.6	1.08	25	70 - 130
Carbon Tetrachloride	10.0	8.30	83.0	0.726	25	70 - 130
Chlorobenzene	10.0	10.1	101	3.11	25	70 - 130
Chlorodibromomethane	10.0	11.0	110	10.3	25	70 - 130
Chloroethane	10.0	7.45	74.5	4.33	25	70 - 130
Chloroform	10.0	9.35	93.5	0.320	25	70 - 130
Chloromethane	10.0	6.89	68.9	5.98	25	40 - 160
2-Chlorotoluene	10.0	10.4	104	4.93	25	70 - 130
4-Chlorotoluene	10.0	10.3	103	4.35	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	12.1	121	14.5	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.7	117	7.10	25	70 - 130
Dibromomethane	10.0	10.4	104	8.53	25	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108	12.2	25	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108	9.62	25	70 - 130
1,4-Dichlorobenzene	10.0	9.62	96.2	8.11	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.54	95.4	0.842	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.81	68.1	0.885	25	40 - 160
1,1-Dichloroethane	10.0	9.04	90.4	0.881	25	70 - 130
1,2-Dichloroethane	10.0	10.0	100	4.39	25	70 - 130
1,1-Dichloroethylene	10.0	7.45	74.5	2.91	25	70 - 130
cis-1,2-Dichloroethylene	10.0	8.39	83.9	2.66	25	70 - 130
trans-1,2-Dichloroethylene	10.0	8.41	84.1	0.119	25	70 - 130
1,2-Dichloropropane	10.0	9.43	94.3	9.56	25	70 - 130
1,3-Dichloropropane	10.0	10.8	108	8.81	25	70 - 130
2,2-Dichloropropane	10.0	8.70	87.0	1.48	25	40 - 130
1,1-Dichloropropene	10.0	8.30	83.0	4.01	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	10.2	102		4.00	25	70 - 130
trans-1,3-Dichloropropene	10.0	11.9	119		4.30	25	70 - 130
Diethyl Ether	10.0	9.38	93.8		5.70	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	8.99	89.9		2.59	25	70 - 130
1,4-Dioxane	100	132	132	*	0.697	50	40 - 130
Ethylbenzene	10.0	9.48	94.8		3.98	25	70 - 130
Hexachlorobutadiene	10.0	9.99	99.9		10.5	25	70 - 130
2-Hexanone (MBK)	100	116	116		5.00	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.3	103		2.55	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	9.87	98.7		7.90	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.4	114		0.871	25	70 - 130
Methylene Chloride	10.0	8.33	83.3		0.965	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	112	112		8.75	25	70 - 160
Naphthalene	10.0	9.58	95.8		13.4	25	40 - 130
n-Propylbenzene	10.0	10.1	101		3.01	25	70 - 130
Styrene	10.0	10.3	103		6.19	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.7	107		4.00	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.5	125		6.79	25	70 - 130
Tetrachloroethylene	10.0	9.47	94.7		4.32	25	70 - 130
Tetrahydrofuran	10.0	8.10	81.0		25.3	25	70 - 130
Toluene	10.0	9.64	96.4		5.32	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.1	101		5.93	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.68	96.8		8.17	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.13	91.3		11.0	25	70 - 130
1,1,1-Trichloroethane	10.0	8.44	84.4		0.708	25	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106		4.22	25	70 - 130
Trichloroethylene	10.0	8.78	87.8		2.89	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	7.51	75.1		2.37	25	70 - 130
1,2,3-Trichloropropane	10.0	12.0	120		7.32	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048211	Laboratory ID:	B048211-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.54	85.4	1.28	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.62	96.2	6.77	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.51	95.1	4.08	25	70 - 130
Vinyl Chloride	10.0	6.63	66.3	1.94	25	40 - 160
m+p Xylene	20.0	20.0	99.8	6.78	25	70 - 130
o-Xylene	10.0	10.6	106	7.52	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048211-BLK1	Batch:	B048211

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
MW-32C-March-2012 1	12C0442-07	VC080016.D	13:04
LCS Dup	B048211-BSD1	VC080005.D	07:27
TB31212-01	12C0442-01	VC080008.D	09:01
MW-30C-March-2012	12C0442-02	VC080009.D	09:32
MW-30D-March-2012	12C0442-03	VC080010.D	10:02
MW-47C-March-2012	12C0442-04	VC080011.D	10:34
LCS	B048211-BS1	VC080004.D	06:56
MW-32C-March-2012	12C0442-06	VC080013.D	11:34
Matrix Spike Dup	B048211-MSD1	VC080023.D	16:35
MW-45D-March-2012	12C0442-08	VC080017.D	13:34
MW-37D-March-2012	12C0442-09	VC080018.D	14:04
MW-37C-March-2012 MS/MSD	12C0442-10	VC080019.D	14:34
MW-28D-March-2012	12C0442-11	VC080020.D	15:05
MW-28C-March-2012	12C0442-12	VC080021.D	15:35
Matrix Spike	B048211-MS1	VC080022.D	16:05
MW-48C-March-2012	12C0442-05	VC080012.D	11:04

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC080001.D	Injection Date:	03/20/12
Instrument ID:	GCMSVOA3	Injection Time:	05:23
Sequence:	S002001	Lab Sample ID:	S002001-TUN1

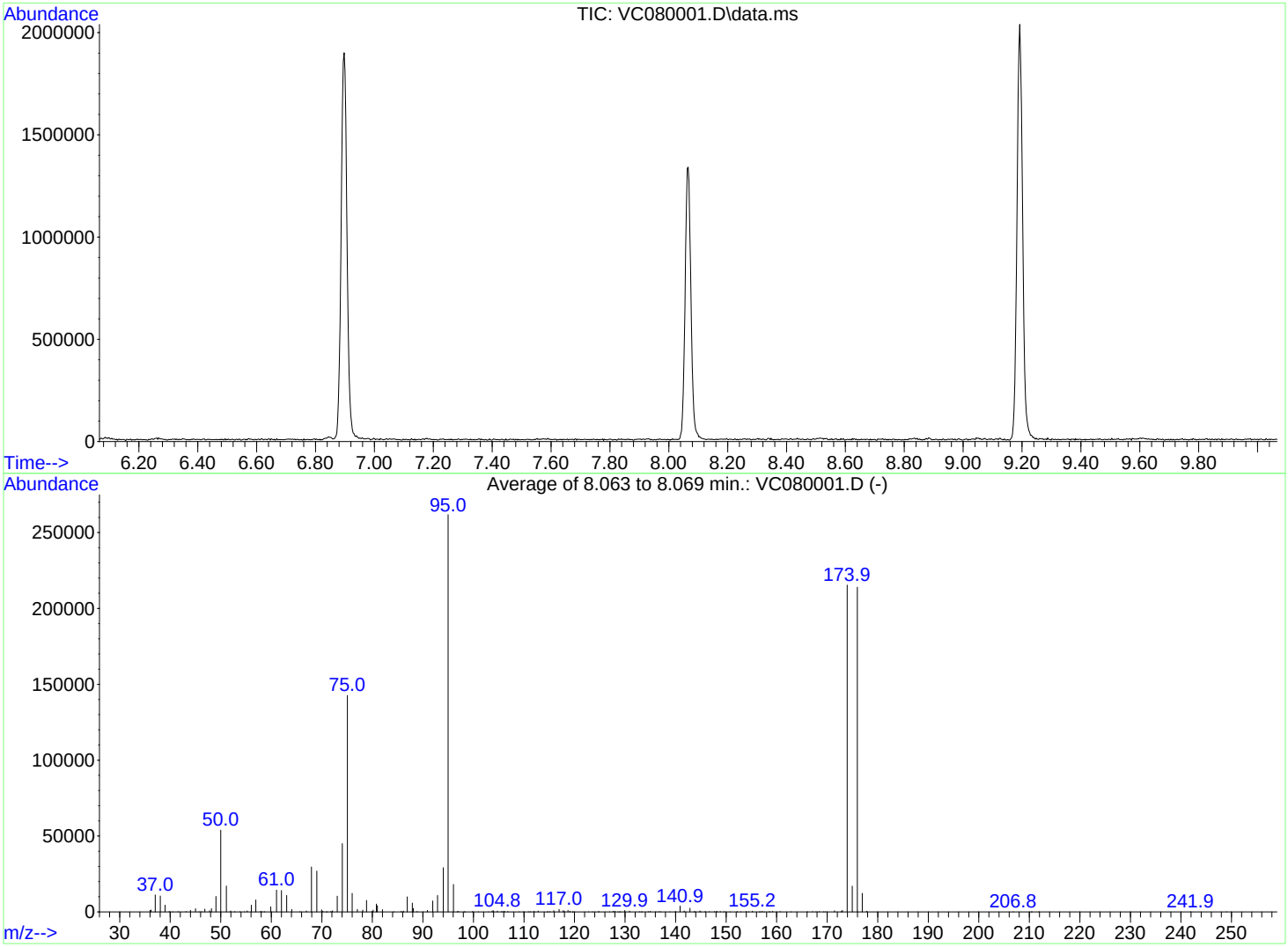
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20.6	PASS
75	30 - 60% of 95	54.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.91	PASS
173	Less than 2% of 174	0.497	PASS
174	50 - 200% of 95	82.3	PASS
175	5 - 9% of 174	7.86	PASS
176	95 - 101% of 174	99.3	PASS
177	5 - 9% of 176	5.74	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S002001-CCV1	VC080002.D	03/20/2012	5:55:00
LCS	B048211-BS1	VC080004.D	03/20/2012	6:56:00
LCS Dup	B048211-BSD1	VC080005.D	03/20/2012	7:27:00
Blank	B048211-BLK1	VC080007.D	03/20/2012	8:28:00
TB31212-01	12C0442-01	VC080008.D	03/20/2012	9:01:00
MW-30C-March-2012	12C0442-02	VC080009.D	03/20/2012	9:32:00
MW-30D-March-2012	12C0442-03	VC080010.D	03/20/2012	10:02:00
MW-47C-March-2012	12C0442-04	VC080011.D	03/20/2012	10:34:00
MW-48C-March-2012	12C0442-05	VC080012.D	03/20/2012	11:04:00
MW-32C-March-2012	12C0442-06	VC080013.D	03/20/2012	11:34:00
MW-32C-March-2012 1	12C0442-07	VC080016.D	03/20/2012	13:04:00
MW-45D-March-2012	12C0442-08	VC080017.D	03/20/2012	13:34:00
MW-37D-March-2012	12C0442-09	VC080018.D	03/20/2012	14:04:00
MW-37C-March-2012 MS/MSD	12C0442-10	VC080019.D	03/20/2012	14:34:00
MW-28D-March-2012	12C0442-11	VC080020.D	03/20/2012	15:05:00
MW-28C-March-2012	12C0442-12	VC080021.D	03/20/2012	15:35:00
Matrix Spike	B048211-MS1	VC080022.D	03/20/2012	16:05:00
Matrix Spike Dup	B048211-MSD1	VC080023.D	03/20/2012	16:35:00

Data Path : X:\1\DATA\032012\
Data File : VC080001.D
Acq On : 20 Mar 2012 5:23 am
Operator :
Sample : BFB
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.069 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	53938	PASS
75	95	30	60	54.5	142677	PASS
95	95	100	100	100.0	261824	PASS
96	95	5	9	6.9	18089	PASS
173	174	0.00	2	0.5	1071	PASS
174	95	50	100	82.3	215466	PASS
175	174	5	9	7.9	16944	PASS
176	174	95	101	99.3	214037	PASS
177	176	5	9	5.7	12292	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.2903043	0.5	0.2083749	1	0.2124427	2	0.2165544	5	0.2151329	10	0.2360001
Ethyl Methacrylate	0.4	0.7573758	0.5	0.7609725	1	0.7141469	2	0.7110855	5	0.7812148	10	0.8687584
Acetone	4		5		10	0.1651635	20	0.1245814	50	0.1207165	100	0.126086
Acrolein	4		5		10	7.232025E-03	20	4.643742E-03	50	3.382906E-03	100	3.939144E-03
Acrylonitrile	0.4		0.5		1		2	0.1835514	5	0.1580429	10	0.1650856
tert-Amyl Methyl Ether (TAME)	0.4	1.321906	0.5	1.508711	1	1.435437	2	1.246309	5	1.385337	10	1.436783
Benzene	0.4	2.381957	0.5	2.345241	1	2.229962	2	2.204431	5	2.290317	10	2.30989
Bromobenzene	0.4	1.403531	0.5	1.427368	1	1.363238	2	1.207194	5	1.330497	10	1.326789
Bromochloromethane	0.4	0.5364846	0.5	0.5863102	1	0.4972677	2	0.5049313	5	0.5011963	10	0.473137
Bromodichloromethane	0.4	0.5780941	0.5	0.6144081	1	0.52558	2	0.5205554	5	0.5553323	10	0.5932004
Bromoform	0.4		0.5	0.3493495	1	0.2995442	2	0.2937716	5	0.3066125	10	0.3245336
Bromomethane	0.4		0.5	1.045951	1	0.7768122	2	0.5897827	5	0.5063256	10	0.4154887
2-Butanone (MEK)	4	0.2024736	5	0.2123684	10	0.1953409	20	0.1733132	50	0.1890619	100	0.1923685
tert-Butyl Alcohol (TBA)	4	4.119436E-02	5	3.826677E-02	10	0.0419434	20	3.140708E-02	50	0.035178	100	3.125043E-02
n-Butylbenzene	0.4	2.058122	0.5	2.146013	1	1.901807	2	1.994156	5	2.211884	10	2.357212
sec-Butylbenzene	0.4	2.795314	0.5	2.992183	1	2.624701	2	2.597588	5	2.8882	10	2.976986
tert-Butylbenzene	0.4	2.071426	0.5	2.255516	1	1.89567	2	1.870447	5	2.057676	10	2.109275
tert-Butyl Ethyl Ether (TBEE)	0.4	1.79133	0.5	1.732926	1	1.795748	2	1.697988	5	1.682182	10	1.800223
Carbon Disulfide	4	1.651461	5	1.81918	10	1.751147	20	1.7221	50	1.778229	100	1.775496
Carbon Tetrachloride	0.4	0.8012433	0.5	0.8660008	1	0.694814	2	0.6552622	5	0.6520004	10	0.687082
Chlorobenzene	0.4	1.85842	0.5	2.092881	1	1.676624	2	1.718219	5	1.712174	10	1.770365
Chlorodibromomethane	0.4	0.4283156	0.5	0.37909	1	0.3226681	2	0.3014279	5	0.3599058	10	0.3540249
Chloroethane	0.4	0.3715911	0.5	0.3457993	1	0.4083484	2	0.3523748	5	0.3489156	10	0.3417988
2-Chloroethyl Vinyl Ether	4	0.1883966	5	0.205726	10	0.194479	20	0.2002195	50	0.214717	100	0.2262224
Chloroform	0.4	1.127111	0.5	1.204403	1	1.031487	2	1.13321	5	1.136721	10	1.19474
Chloromethane	0.4	0.5042607	0.5	0.5319901	1	0.5216677	2	0.5049313	5	0.5009298	10	0.4676655

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.113478	0.5	2.26434	1	1.970181	2	2.052088	5	2.116964	10	2.277897
4-Chlorotoluene	0.4	2.333291	0.5	2.688936	1	2.420302	2	2.440907	5	2.557727	10	2.577641
Cyclohexane	0.4		0.5		1		2		5	1.027007	10	0.9460847
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	0.1488161	2	0.1288496	5	0.113611	10	0.1246435
1,2-Dibromoethane (EDB)	0.4	0.3546988	0.5	0.3918446	1	0.3681256	2	0.353376	5	0.3504669	10	0.3618502
Dibromomethane	0.4	0.3262324	0.5	0.3511658	1	0.3006018	2	0.2763582	5	0.2548495	10	0.2629345
1,2-Dichlorobenzene	0.4	1.559675	0.5	1.599092	1	1.380038	2	1.407746	5	1.435595	10	1.451255
1,3-Dichlorobenzene	0.4	1.421531	0.5	1.556236	1	1.381572	2	1.398895	5	1.437155	10	1.506806
1,4-Dichlorobenzene	0.4	1.913418	0.5	1.906172	1	1.679131	2	1.453396	5	1.617735	10	1.702644
trans-1,4-Dichloro-2-butene	0.4		0.5		1	0.2188804	2	0.1933467	5	0.1886097	10	0.2154989
Dichlorodifluoromethane (Freon	0.4	0.7244575	0.5	1.008851	1	0.8030305	2	0.8299383	5	0.8060797	10	0.7724941
1,1-Dichloroethane	0.4	1.075727	0.5	1.102467	1	1.25185	2	1.060834	5	1.096952	10	1.126967
1,2-Dichloroethane	0.4	0.8390989	0.5	0.8763674	1	0.7709971	2	0.7545278	5	0.7682706	10	0.7997537
1,1-Dichloroethylene	0.4	1.17864	0.5	1.183138	1	1.046737	2	0.9746637	5	0.9618799	10	1.011487
cis-1,2-Dichloroethylene	0.4	1.241927	0.5	1.25202	1	1.153898	2	1.093065	5	1.154584	10	1.158237
trans-1,2-Dichloroethylene	0.4	1.058019	0.5	1.026996	1	0.9929518	2	0.9488071	5	0.9083995	10	0.9627385
Dichlorofluoromethane (Freon 2	0.4	1.245846	0.5	1.322521	1	1.204927	2	1.178109	5	1.167852	10	1.153901
1,2-Dichloropropane	0.4	0.3717598	0.5	0.4837681	1	0.3959829	2	0.371086	5	0.3756468	10	0.374608
1,3-Dichloropropane	0.4	0.5930813	0.5	0.6837658	1	0.6160785	2	0.5929891	5	0.5839958	10	0.5801595
2,2-Dichloropropane	0.4	0.9646853	0.5	0.6685993	1	0.7355785	2	0.6698254	5	0.6727064	10	0.7107491
1,1-Dichloropropene	0.4	0.8777388	0.5	1.120496	1	0.9318344	2	0.912509	5	0.8446051	10	0.8478482
cis-1,3-Dichloropropene	0.4	0.4965595	0.5	0.5601446	1	0.4661561	2	0.533538	5	0.5667659	10	0.6206288
trans-1,3-Dichloropropene	0.4	0.4658309	0.5	0.4793153	1	0.4013575	2	0.3823495	5	0.4288182	10	0.493762
Diethyl Ether	0.4	0.4723271	0.5	0.527136	1	0.4270003	2	0.4530259	5	0.4335715	10	0.4176483
Difluorochloromethane (Freon 2	0.4	0.8339027	0.5	0.8982462	1	0.829542	2	0.79386	5	0.7893928	10	0.7929384
Diisopropyl Ether (DIPE)	0.4	1.688417	0.5	1.867571	1	1.505411	2	1.426755	5	1.566229	10	1.554718

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	2.682779E-03	100	2.175544E-03
Ethyl Acetate	0.4		0.5		1	0.6550467	2	0.5843696	5	0.4636479	10	0.5124561
Ethylbenzene	0.4	3.035214	0.5	3.363582	1	3.074561	2	3.131792	5	3.280662	10	3.34211
Hexachlorobutadiene	0.4		0.5	0.4164347	1	0.3798939	2	0.3727617	5	0.3492895	10	0.3636269
2-Hexanone (MBK)	4	0.1640777	5	0.1961412	10	0.1918749	20	0.1862951	50	0.1983507	100	0.2048074
Iodomethane	4	0.6147365	5	0.6435774	10	0.6378845	20	0.719453	50	0.8454788	100	0.9232614
Isopropylbenzene (Cumene)	0.4	2.669069	0.5	2.749005	1	2.602037	2	2.532827	5	2.86932	10	2.945984
p-Isopropyltoluene (p-Cymene)	0.4	2.321652	0.5	2.480136	1	2.285427	2	2.269183	5	2.406994	10	2.530739
Methyl Acetate	0.4	0.7376664	0.5	0.6759961	1	0.7334669	2	0.662269	5	0.6002298	10	0.6435827
Methyl tert-Butyl Ether (MTBE)	0.4	1.4823	0.5	1.395795	1	1.412914	2	1.276562	5	1.346046	10	1.375589
Methyl Cyclohexane	0.4	0.5019323	0.5	0.5036924	1	0.4937107	2	0.4318443	5	0.4350048	10	0.4532927
Methylene Chloride	0.4		0.5		1		2		5	0.9425395	10	0.8438072
4-Methyl-2-pentanone (MIBK)	4	0.2585446	5	0.2864194	10	0.2912794	20	0.2708321	50	0.2891048	100	0.2934962
Naphthalene	0.4		0.5		1		2		5	1.238186	10	1.547147
n-Propylbenzene	0.4	2.782201	0.5	3.056679	1	3.011729	2	2.924107	5	3.154439	10	3.221642
Styrene	0.4	1.724675	0.5	1.964769	1	1.877607	2	1.859956	5	2.003564	10	2.14121
1,1,1,2-Tetrachloroethane	0.4	0.5167259	0.5	0.4662709	1	0.5323943	2	0.451274	5	0.5402801	10	0.5479678
1,1,2,2-Tetrachloroethane	0.4	0.6843	0.5	0.7528507	1	0.6592162	2	0.6368443	5	0.6897625	10	0.7278853
Tetrachloroethylene	0.4	0.4207748	0.5	0.5088999	1	0.4031743	2	0.4026022	5	0.4009497	10	0.3806294
Tetrahydrofuran	0.4		0.5		1	0.1378366	2	0.1022997	5	0.1016426	10	0.1006744
Toluene	0.4	1.901593	0.5	1.716056	1	1.632455	2	1.607615	5	1.65147	10	1.67919
1,2,3-Trichlorobenzene	0.4	0.4831384	0.5	0.5244595	1	0.5466819	2	0.5633298	5	0.5935497	10	0.6615271
1,2,4-Trichlorobenzene	0.4	0.5921225	0.5	0.7465679	1	0.7702348	2	0.7804507	5	0.7823349	10	0.8522097
1,3,5-Trichlorobenzene	0.4	0.9201683	0.5	1.115862	1	1.045804	2	0.9434106	5	0.9947896	10	1.069038
1,1,1-Trichloroethane	0.4	1.2068	0.5	1.065829	1	1.013833	2	0.9020125	5	0.9579718	10	0.9600779
1,1,2-Trichloroethane	0.4	0.3355641	0.5	0.3619582	1	0.3478003	2	0.3626339	5	0.3001431	10	0.3440509

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.5486851	0.5	0.5245978	1	0.4011304	2	0.3959767	5	0.4066448	10	0.4047695
Trichlorofluoromethane (Freon 1	0.4	1.074421	0.5	1.113331	1	1.029376	2	1.084767	5	1.05665	10	1.029448
1,2,3-Trichloropropane	0.4	0.7518016	0.5	0.6914959	1	0.6044317	2	0.5717474	5	0.5993789	10	0.5932522
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.5004867	0.5	0.5778732	1	0.5421379	2	0.5530449	5	0.5000749	10	0.4857832
1,2,4-Trimethylbenzene	0.4	2.995786	0.5	2.913565	1	2.717191	2	2.768275	5	3.056924	10	3.081519
1,3,5-Trimethylbenzene	0.4	2.419203	0.5	2.542173	1	2.507918	2	2.444674	5	2.663747	10	2.699646
Vinyl Acetate	4	0.8903671	5	0.9310462	10	0.9166313	20	0.9528106	50	1.037498	100	0.9894637
Vinyl Chloride	0.4	0.7678581	0.5	0.661087	1	0.6831419	2	0.7072776	5	0.7344136	10	0.7033517
m+p Xylene	0.8	2.400557	1	2.827917	2	2.508755	4	2.403803	10	2.571043	20	2.628477
o-Xylene	0.4	2.4395	0.5	2.63144	1	2.422426	2	2.249809	5	2.445545	10	2.555553
1,2-Dichloroethane-d4	25	0.7621217	25	0.7667869	25	0.7722817	25	0.7664823	25	0.7588944	25	0.7617281
Toluene-d8	25	1.200368	25	1.192945	25	1.198863	25	1.198792	25	1.163596	25	1.181896
4-Bromofluorobenzene	25	0.8948057	25	0.9046814	25	0.8908508	25	0.9115443	25	0.9003434	25	0.9040386

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2547245	50	0.268436	100	0.2853042	200	0.2900716				
Ethyl Methacrylate	20	0.9701445	50	0.9495447	100	0.9979203	200	0.9555658				
Acetone	200	0.1316109	500	0.1238461	1000	0.129926	2000	0.1280231				
Acrolein	200	3.341492E-03	500	3.79644E-03	1000	2.901649E-03	2000	3.224527E-03				
Acrylonitrile	20	0.1671034	50	0.1605672	100	0.1728503	200	0.162528				
tert-Amyl Methyl Ether (TAME)	20	1.580985	50	1.527904	100	1.576336	200	1.569655				
Benzene	20	2.478936	50	2.390041	100	2.374635	200	2.444336				
Bromobenzene	20	1.392085	50	1.32756	100	1.311146	200	1.340987				
Bromochloromethane	20	0.5244853	50	0.5178524	100	0.5148017	200	0.4990026				
Bromodichloromethane	20	0.660105	50	0.6465951	100	0.6641987	200	0.6926915				
Bromoform	20	0.3761021	50	0.4147805	100		200					
Bromomethane	20	0.4015976	50	0.4074847	100	0.4216571	200					
2-Butanone (MEK)	200	0.2079389	500	0.1953335	1000	0.211909	2000	0.2000564				
tert-Butyl Alcohol (TBA)	200	3.543466E-02	500	3.439978E-02	1000	0.0394012	2000	3.871648E-02				
n-Butylbenzene	20	2.400267	50	2.316806	100	2.231679	200	2.324036				
sec-Butylbenzene	20	3.108	50	2.930198	100	2.834486	200	2.981727				
tert-Butylbenzene	20	2.130656	50	2.074317	100	1.964327	200	2.080606				
tert-Butyl Ethyl Ether (TBEE)	20	1.937426	50	1.854877	100	1.945273	200	1.942289				
Carbon Disulfide	200	1.913518	500		1000		2000					
Carbon Tetrachloride	20	0.7845053	50	0.8431751	100	0.8823602	200	0.9689135				
Chlorobenzene	20	1.82409	50	1.77784	100	1.739118	200	1.783021				
Chlorodibromomethane	20	0.4466219	50	0.4524914	100		200					
Chloroethane	20	0.371313	50	0.3537277	100	0.332526	200	0.3293323				
2-Chloroethyl Vinyl Ether	200	0.2414144	500	0.2253857	1000	0.2320554	2000	0.2240027				
Chloroform	20	1.243985	50	1.231386	100	1.222361	200	1.245489				
Chloromethane	20	0.4804624	50	0.46568	100	0.4698059	200	0.5156348				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.297477	50	2.199251	100	2.159841	200	2.226158				
4-Chlorotoluene	20	2.705338	50	2.617823	100	2.550185	200	2.629942				
Cyclohexane	20	0.9702093	50	0.9441926	100	0.8905579	200	0.9306181				
1,2-Dibromo-3-chloropropane (D	20	0.1309162	50	0.1325998	100	0.1507501	200	0.1489976				
1,2-Dibromoethane (EDB)	20	0.3864042	50	0.3667184	100	0.3721214	200	0.3710114				
Dibromomethane	20	0.2845176	50	0.2772245	100	0.2813159	200	0.2805287				
1,2-Dichlorobenzene	20	1.540442	50	1.436997	100	1.40423	200	1.440017				
1,3-Dichlorobenzene	20	1.558823	50	1.490363	100	1.461402	200	1.511414				
1,4-Dichlorobenzene	20	1.787563	50	1.620484	100	1.611888	200	1.65326				
trans-1,4-Dichloro-2-butene	20	0.2429707	50	0.2640578	100		200					
Dichlorodifluoromethane (Freon	20	0.7476839	50	0.7418655	100	0.6413952	200	0.6110387				
1,1-Dichloroethane	20	1.222812	50	1.19411	100	1.167228	200	1.217964				
1,2-Dichloroethane	20	0.8482057	50	0.8023895	100	0.8015192	200	0.8004237				
1,1-Dichloroethylene	20	1.055522	50	1.018976	100	0.9942689	200	1.030713				
cis-1,2-Dichloroethylene	20	1.275138	50	1.225421	100	1.209507	200	1.239282				
trans-1,2-Dichloroethylene	20	1.005782	50	0.9785065	100	0.9552266	200	0.9864483				
Dichlorofluoromethane (Freon 2	20	1.249805	50	1.206283	100	1.151069	200	1.182829				
1,2-Dichloropropane	20	0.4305419	50	0.3933258	100	0.4026078	200	0.4158198				
1,3-Dichloropropane	20	0.6187859	50	0.5932952	100	0.5961074	200	0.5996884				
2,2-Dichloropropane	20	0.8228171	50	0.8291607	100	0.8832061	200	0.948609				
1,1-Dichloropropene	20	0.9108283	50	0.9045673	100	0.8820533	200	0.9219753				
cis-1,3-Dichloropropene	20	0.6553664	50	0.6688774	100	0.6871562	200	0.7198889				
trans-1,3-Dichloropropene	20	0.5610984	50	0.5790323	100		200					
Diethyl Ether	20	0.4562859	50	0.4477496	100	0.4479275	200	0.4453573				
Difluorochloromethane (Freon 2	20	0.8191632	50	0.7996802	100	0.7495456	200	0.7503273				
Diisopropyl Ether (DIPE)	20	1.721234	50	1.645995	100	1.629551	200	1.641674				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	2.147165E-03	500	1.901808E-03	1000	2.101692E-03	2000	2.145717E-03				
Ethyl Acetate	20	0.5091675	50	0.5036776	100	0.5284118	200	0.5268121				
Ethylbenzene	20	3.457277	50	3.307015	100	3.240614	200	3.316919				
Hexachlorobutadiene	20	0.3672543	50	0.364309	100	0.3444557	200	0.3708763				
2-Hexanone (MBK)	200	0.2209473	500	0.2030452	1000	0.2172197	2000	0.2021379				
Iodomethane	200	1.044933	500	1.050704	1000		2000					
Isopropylbenzene (Cumene)	20	3.038186	50	2.91564	100	2.867094	200	2.975727				
p-Isopropyltoluene (p-Cymene)	20	2.585897	50	2.47244	100	2.387578	200	2.498522				
Methyl Acetate	20	0.6360026	50	0.5267778	100	0.5259145	200	0.5559197				
Methyl tert-Butyl Ether (MTBE)	20	1.494663	50	1.417397	100	1.499165	200	1.494325				
Methyl Cyclohexane	20	0.4667857	50	0.4622082	100	0.4438351	200	0.4721718				
Methylene Chloride	20	0.8285484	50	0.7663489	100	0.7458906	200	0.7559828				
4-Methyl-2-pentanone (MIBK)	200	0.3212925	500	0.2932147	1000	0.3081865	2000					
Naphthalene	20	1.651636	50	1.618541	100	1.771777	200	1.704748				
n-Propylbenzene	20	3.40855	50	3.279009	100	3.224711	200	3.329921				
Styrene	20	2.262761	50	2.205573	100	2.194877	200	2.257157				
1,1,1,2-Tetrachloroethane	20	0.610342	50	0.624253	100	0.6592699	200	0.691652				
1,1,2,2-Tetrachloroethane	20	0.7394006	50	0.699046	100	0.7250587	200	0.7063296				
Tetrachloroethylene	20	0.4170312	50	0.4082732	100	0.4015847	200	0.4188812				
Tetrahydrofuran	20	0.109745	50	0.1034939	100	0.115891	200	0.1114794				
Toluene	20	1.747061	50	1.679426	100	1.665353	200	1.706132				
1,2,3-Trichlorobenzene	20	0.7315392	50	0.669739	100	0.7184371	200	0.7038186				
1,2,4-Trichlorobenzene	20	0.9060122	50	0.8737155	100	0.9091843	200	0.9088596				
1,3,5-Trichlorobenzene	20	1.108793	50	1.06343	100	1.035676	200	1.069145				
1,1,1-Trichloroethane	20	1.085634	50	1.10046	100	1.120504	200	1.1744				
1,1,2-Trichloroethane	20	0.3724674	50	0.3461654	100	0.3516476	200	0.3516699				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0442

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.4345382	50	0.4288798	100	0.4189748	200	0.4350029				
Trichlorofluoromethane (Freon 1	20	1.095482	50	1.087725	100	1.027276	200	1.047545				
1,2,3-Trichloropropane	20	0.6295552	50	0.5972909	100	0.6283283	200	0.6018742				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.5099731	50	0.5240026	100	0.4819957	200	0.4998861				
1,2,4-Trimethylbenzene	20	3.294198	50	3.08743	100	3.007549	200	3.087984				
1,3,5-Trimethylbenzene	20	2.890586	50	2.767088	100	2.710586	200	2.802829				
Vinyl Acetate	200	1.181005	500	1.133268	1000		2000					
Vinyl Chloride	20	0.7491858	50	0.7167403	100	0.6931721	200	0.7133712				
m+p Xylene	40	2.739859	100	2.594663	200	2.551711	400					
o-Xylene	20	2.687168	50	2.587767	100	2.529037	200	2.643258				
1,2-Dichloroethane-d4	25	0.7554498	25	0.7835302	25	0.8056192	25	0.7824499				
Toluene-d8	25	1.191175	25	1.178309	25	1.180536	25	1.168328				
4-Bromofluorobenzene	25	0.911728	25	0.8996547	25	0.9243835	25	0.9128803				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2477346	13.8			15	
Ethyl Methacrylate	0.8466729	13.4			15	
Acetone	0.1312442	10.8			15	
Acrolein	4.057741E-03	34.2	0.9948588		0.99	
Acrylonitrile	0.1671041	5.2			15	
tert-Amyl Methyl Ether (TAME)	1.458936	7.9			15	
Benzene	2.344975	3.7			15	
Bromobenzene	1.343039	4.6			15	
Bromochloromethane	0.5155469	5.9			15	
Bromodichloromethane	0.6050761	10.0			15	
Bromoform	0.3378134	13.3			15	
Bromomethane	0.5706374	40.5	0.9993822		0.99	
2-Butanone (MEK)	0.1980164	6.0			15	
tert-Butyl Alcohol (TBA)	3.671922E-02	10.3			15	
n-Butylbenzene	2.194198	7.6			15	
sec-Butylbenzene	2.872938	5.7			15	
tert-Butylbenzene	2.050992	5.6			15	
tert-Butyl Ethyl Ether (TBEE)	1.818026	5.5			15	
Carbon Disulfide	1.773019	4.6			15	
Carbon Tetrachloride	0.7835357	13.8			15	
Chlorobenzene	1.795275	6.6			15	
Chlorodibromomethane	0.3805682	14.9			15	
Chloroethane	0.3555727	6.5			15	
2-Chloroethyl Vinyl Ether	0.2152619	8.1			15	
Chloroform	1.177089	5.8			15	
Chloromethane	0.4963028	4.8			15	
2-Chlorotoluene	2.167767	4.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.552209	4.7			15	
Cyclohexane	0.9514449	4.8			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.134898	9.9			15	
1,2-Dibromoethane (EDB)	0.3676618	3.7			15	
Dibromomethane	0.2895729	10.1			15	
1,2-Dichlorobenzene	1.465509	5.0			15	
1,3-Dichlorobenzene	1.47242	4.2			15	
1,4-Dichlorobenzene	1.694569	8.3			15	
trans-1,4-Dichloro-2-butene	0.2205607	13.1			15	
Dichlorodifluoromethane (Freon 12)	0.7686834	14.3			15	
1,1-Dichloroethane	1.151691	5.9			15	
1,2-Dichloroethane	0.8061554	4.8			15	
1,1-Dichloroethylene	1.045603	7.4			15	
cis-1,2-Dichloroethylene	1.200308	4.8			15	
trans-1,2-Dichloroethylene	0.9823875	4.3			15	
Dichlorofluoromethane (Freon 21)	1.206314	4.4			15	
1,2-Dichloropropane	0.4015147	8.8			15	
1,3-Dichloropropane	0.6057947	5.0			15	
2,2-Dichloropropane	0.7905937	14.6			15	
1,1-Dichloropropene	0.9154456	8.5			15	
cis-1,3-Dichloropropene	0.5975082	14.3			15	
trans-1,3-Dichloropropene	0.4739455	14.9			15	
Diethyl Ether	0.4528029	6.7			15	
Difluorochloromethane (Freon 22)	0.8056598	5.4			15	
Diisopropyl Ether (DIPE)	1.624756	7.5			15	
1,4-Dioxane	2.192451E-03	11.9			15	
Ethyl Acetate	0.5354487	11.0			15	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.254975	4.1			15	
Hexachlorobutadiene	0.369878	5.6			15	
2-Hexanone (MBK)	0.1984897	8.1			15	
Iodomethane	0.8100036	22.4	0.9994408		0.99	
Isopropylbenzene (Cumene)	2.816489	6.0			15	
p-Isopropyltoluene (p-Cymene)	2.423857	4.4			15	
Methyl Acetate	0.6297826	12.2			15	
Methyl tert-Butyl Ether (MTBE)	1.419476	5.2			15	
Methyl Cyclohexane	0.4664478	5.7			15	
Methylene Chloride	0.8138529	9.2			15	
4-Methyl-2-pentanone (MIBK)	0.2902634	6.3			15	
Naphthalene	1.588673	11.8			15	
n-Propylbenzene	3.139299	6.2			15	
Styrene	2.049215	9.2			15	
1,1,1,2-Tetrachloroethane	0.564043	14.2			15	
1,1,2,2-Tetrachloroethane	0.7020694	5.1			15	
Tetrachloroethylene	0.4162801	8.3			15	
Tetrahydrofuran	0.1103828	11.2			15	
Toluene	1.698635	4.8			15	
1,2,3-Trichlorobenzene	0.619622	14.3			15	
1,2,4-Trichlorobenzene	0.8121692	12.3			15	
1,3,5-Trichlorobenzene	1.036612	6.3			15	
1,1,1-Trichloroethane	1.058752	9.3			15	
1,1,2-Trichloroethane	0.3474101	5.7			15	
Trichloroethylene	0.43992	12.1			15	
Trichlorofluoromethane (Freon 11)	1.064602	2.9			15	
1,2,3-Trichloropropane	0.6269156	8.7			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5175258	6.0			15	
1,2,4-Trimethylbenzene	3.001042	5.6			15	
1,3,5-Trimethylbenzene	2.644845	6.0			15	
Vinyl Acetate	1.004011	10.5			15	
Vinyl Chloride	0.7129599	4.4			15	
m+p Xylene	2.580754	5.5			15	
o-Xylene	2.51915	5.2			15	
1,2-Dichloroethane-d4	0.7715344	2.0			15	
Toluene-d8	1.185481	1.1			15	
4-Bromofluorobenzene	0.9054911	1.1			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002000	Instrument:	GCMSVOA3
Calibration:	1200036		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002000-CAL1	VC073069.D	03/13/12 16:53
1204045	0.5ppb 8260 Calibration Standard	S002000-CAL2	VC073070.D	03/13/12 17:23
1204046	1ppb 8260 Calibration Standard	S002000-CAL3	VC073071.D	03/13/12 17:52
1204047	2ppb 8260 Calibration Standard	S002000-CAL4	VC073072.D	03/13/12 18:22
1204048	5ppb 8260 Calibration Standard	S002000-CAL5	VC073073.D	03/13/12 18:52
1204049	10ppb 8260 Calibration Standard	S002000-CAL6	VC073074.D	03/13/12 19:22
1204050	20ppb 8260 Calibration Standard	S002000-CAL7	VC073075.D	03/13/12 19:52
1204051	50ppb 8260 Calibration Standard	S002000-CAL8	VC073076.D	03/13/12 20:21
1204052	100ppb 8260 Calibration Standard	S002000-CAL9	VC073077.D	03/13/12 20:52
1204053	200ppb 8260 Calibration Standard	S002000-CALA	VC073078.D	03/13/12 21:21

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC073069.D 0.5 =VC073070.D 1.0 =VC073071.D 2.0 =VC073072.D 5.0 =VC073073.D 10 =VC073078.D 20 =VC073075.D
50 =VC073076.D 100 =VC073077.D 200 =VC073078.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.762	0.767	0.772	0.766	0.759	0.762	0.755	0.784	0.806	0.782	0.772	1.97
3)		DICHLORODIFLUO...	0.724	1.009	0.803	0.830	0.806	0.772	0.748	0.742	0.641	0.611	0.769	14.26
4)		DIFLUOROCHLORO...	0.834	0.898	0.830	0.794	0.789	0.793	0.819	0.800	0.750	0.750	0.806	5.38
5)	P	CHLOROMETHANE	0.504	0.532	0.522	0.505	0.501	0.468	0.480	0.466	0.470	0.516	0.496	4.82
6)	C	VINYL CHLORIDE	0.768	0.661	0.683	0.707	0.734	0.703	0.749	0.717	0.693	0.713	0.713	4.41#
7)		BROMOMETHANE		1.046	0.777	0.590	0.506	0.415	0.402	0.407	0.422		0.571	0.999LR
8)		CHLOROETHANE	0.372	0.346	0.408	0.352	0.349	0.342	0.371	0.354	0.333	0.329	0.356	6.53
9)		FLUORODICHLORO...	1.246	1.323	1.205	1.178	1.168	1.154	1.250	1.206	1.151	1.183	1.206	4.42
10)		TRICHLOROFLUOR...	1.074	1.113	1.029	1.085	1.057	1.029	1.095	1.088	1.027	1.048	1.065	2.90
11)		ETHANOL					0.003	0.004	0.003				0.004	15.83
12)		DI ETHYL ETHER	0.472	0.527	0.427	0.453	0.434	0.418	0.456	0.448	0.448	0.445	0.453	6.70
13)		ACROLEIN			0.007	0.005	0.003	0.004	0.003	0.004	0.003	0.003	0.004	0.995LR
14)		ACETONE			0.165	0.125	0.121	0.126	0.132	0.124	0.130	0.128	0.131	10.77
15)	C	1,1-DICHLOROET...	1.179	1.183	1.047	0.975	0.962	1.011	1.056	1.019	0.994	1.031	1.046	7.37#
16)		1,1,2-TRICL-1,...	0.500	0.578	0.542	0.553	0.500	0.486	0.510	0.524	0.482	0.500	0.518	6.04
17)		IODOMETHANE	0.615	0.644	0.638	0.719	0.845	0.923	1.045	1.051			0.810	0.999LR
18)		ACETONITRILE		0.138	0.116	0.107	0.115	0.111	0.121	0.113	0.120	0.116	0.118	7.53
19)		ALLYL CHLORIDE		0.362	0.344	0.371	0.270	0.305	0.395	0.348	0.391	0.428	0.357	13.46
20)		METHYL ACETATE	0.738	0.676	0.733	0.662	0.600	0.644	0.636	0.527	0.526	0.556	0.630	12.25
21)		T-BUTYL ALCOHOL	0.041	0.038	0.042	0.031	0.035	0.031	0.035	0.034	0.039	0.039	0.037	10.29
22)		ACRYLONITRILE				0.184	0.158	0.165	0.167	0.161	0.173	0.163	0.167	5.20
23)		METHYLENE CHLO...					0.943	0.844	0.829	0.766	0.746	0.756	0.814	9.18
24)		CARBON DISULFIDE	1.651	1.819	1.751	1.722	1.778	1.775	1.914				1.773	4.59
25)		METHYL TERT-BU...	1.482	1.396	1.413	1.277	1.346	1.376	1.495	1.417	1.499	1.494	1.419	5.25
26)		TRANS 1,2-DICH...	1.058	1.027	0.993	0.949	0.908	0.963	1.006	0.979	0.955	0.986	0.982	4.31
27)	P	1,1-DICHLOROET...	1.076	1.102	1.252	1.061	1.097	1.127	1.223	1.194	1.167	1.218	1.152	5.90
28)		VINYL ACETATE	0.890	0.931	0.917	0.953	1.037	0.989	1.181	1.133			1.004	10.50
29)		DI ISOPROYL ETHER	1.688	1.868	1.505	1.427	1.566	1.555	1.721	1.646	1.630	1.642	1.625	7.53
30)		CHLOROPRENE	1.233	1.087	1.213	1.174	1.163	1.160	1.295	1.172	1.218	1.196	1.191	4.60
31)		2-BUTANONE	0.202	0.212	0.195	0.173	0.189	0.192	0.208	0.195	0.212	0.200	0.198	5.97
32)		T-BUTYL ETHYL ...	1.791	1.733	1.796	1.698	1.682	1.800	1.937	1.855	1.945	1.942	1.818	5.47
33)		CIS-1,2-DICHLO...	1.242	1.252	1.154	1.093	1.155	1.158	1.275	1.225	1.210	1.239	1.200	4.79
34)		2,2-DICHLOROPR...	0.965	0.669	0.736	0.670	0.673	0.711	0.823	0.829	0.883	0.949	0.791	14.55
35)		ETHYL ACETATE			0.655	0.584	0.464	0.512	0.509	0.504	0.528	0.527	0.535	10.98
36)		PROPIONITRILE					0.058	0.064	0.068	0.059	0.069	0.064	0.064	6.92
37)		METHACRYLONITRILE				0.290	0.268	0.302	0.315	0.296	0.318	0.298	0.298	5.60
38)		BROMOCHLOROMET...	0.536	0.586	0.497	0.505	0.501	0.473	0.524	0.518	0.515	0.499	0.516	5.88
39)		TETRAHYDROFURAN			0.138	0.102	0.102	0.101	0.110	0.103	0.116	0.111	0.110	11.20

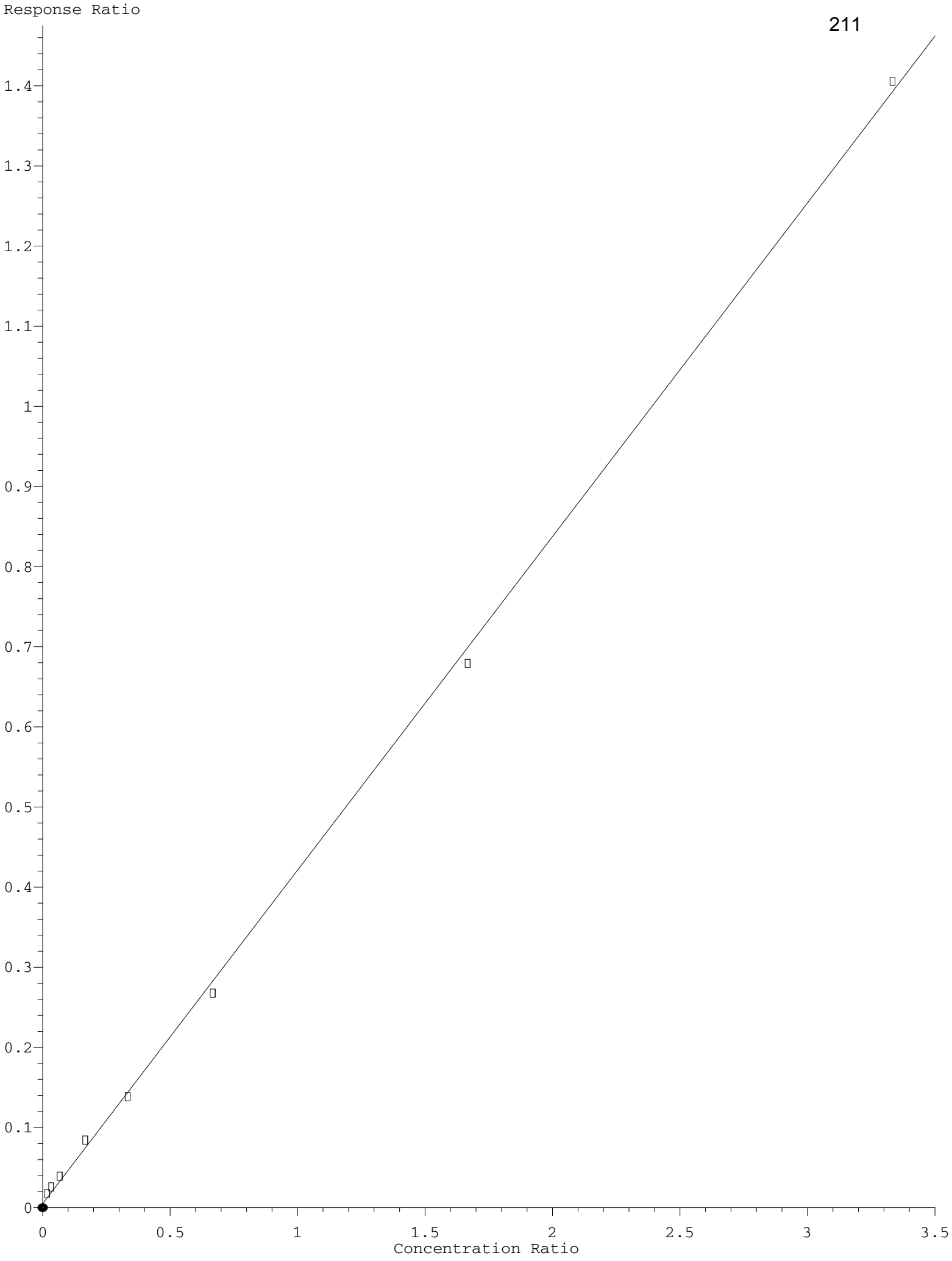
40)	C	CHLOROFORM	1.127	1.204	1.031	1.133	1.137	1.195	1.244	1.231	1.222	1.245	1.177	5.84#
41)		1,1,1-TRICHLOR...	1.207	1.066	1.014	0.902	0.958	0.960	1.086	1.100	1.121	1.174	1.059	9.34
42)		CYCLOHEXANE					1.027	0.946	0.970	0.944	0.891	0.931	0.951	4.77
43)		CARBON TETRACH...	0.801	0.866	0.695	0.655	0.652	0.687	0.785	0.843	0.882	0.969	0.784	13.83
44)		1,1-DICHLOROPR...	0.878	1.120	0.932	0.913	0.845	0.848	0.911	0.905	0.882	0.922	0.915	8.51
45)		BENZENE	2.382	2.345	2.230	2.204	2.290	2.310	2.479	2.390	2.375	2.444	2.345	3.74
46)		ISOBUTANOL				0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.022	2.32
47)		T-AMYLMETHYL E...	1.322	1.509	1.435	1.246	1.385	1.437	1.581	1.528	1.576	1.570	1.459	7.87
48)		1,4-DIFLUOROBENZEN...	----------	ISTD	----------									
49)	S	TOLUENE SS	1.200	1.193	1.199	1.199	1.164	1.182	1.191	1.178	1.181	1.168	1.185	1.10
50)		1,2-DICHLOROET...	0.839	0.876	0.771	0.755	0.768	0.800	0.848	0.802	0.802	0.800	0.806	4.76
51)		TRICHLOROETHENE	0.549	0.525	0.401	0.396	0.407	0.405	0.435	0.429	0.419	0.435	0.440	12.07
52)		METHYLCYCLOHEXANE	0.502	0.504	0.494	0.432	0.435	0.453	0.467	0.462	0.444	0.472	0.466	5.68
53)	C	1,2-DICHLOROPR...	0.372	0.484	0.396	0.371	0.376	0.375	0.431	0.393	0.403	0.416	0.402	8.75#
54)		DIBROMOMETHANE	0.326	0.351	0.301	0.276	0.255	0.263	0.285	0.277	0.281	0.281	0.290	10.09
55)		METHYL METHACR...		0.350	0.347	0.294	0.282	0.308	0.332	0.311	0.337	0.315	0.320	7.39
56)		1,4-DIOXANE					0.003	0.002	0.002	0.002	0.002	0.002	0.002	11.85
57)		BROMODICHLOROM...	0.578	0.614	0.526	0.521	0.555	0.593	0.660	0.647	0.664	0.693	0.605	9.98
58)		2-CHLOROETHYLV...	0.188	0.206	0.194	0.200	0.215	0.226	0.241	0.225	0.232	0.224	0.215	8.10
59)		MIBK	0.259	0.286	0.291	0.271	0.289	0.293	0.321	0.293	0.308		0.290	6.33
60)		CIS-1,3-DICHLO...	0.497	0.560	0.466	0.534	0.567	0.621	0.655	0.669	0.687	0.720	0.598	14.32
61)	C	TOLUENE	1.902	1.716	1.632	1.608	1.651	1.679	1.747	1.679	1.665	1.706	1.699	4.83#
62)		TRANS-1,3,-DIC...	0.466	0.479	0.401	0.382	0.429	0.494	0.561	0.579			0.474	14.88
63)		ETHYL METHACRY...	0.757	0.761	0.714	0.711	0.781	0.869	0.970	0.950	0.998	0.956	0.847	13.44
64)		1,1,2-TRICHLOR...	0.336	0.362	0.348	0.363	0.300	0.344	0.372	0.346	0.352	0.352	0.347	5.67
65)		2-HEXANONE	0.164	0.196	0.192	0.186	0.198	0.205	0.221	0.203	0.217	0.202	0.198	8.07
66)		TETRACHLOROETHENE	0.421	0.509	0.403	0.403	0.401	0.381	0.417	0.408	0.402	0.419	0.416	8.30
67)		1,3-DICHLOROPR...	0.593	0.684	0.616	0.593	0.584	0.580	0.619	0.593	0.596	0.600	0.606	4.95
68)		DIBROMOCHLOROM...	0.428	0.379	0.323	0.301	0.360	0.354	0.447	0.452			0.381	14.92
69)		1,2-DIBROMOETHANE	0.355	0.392	0.368	0.353	0.350	0.362	0.386	0.367	0.372	0.371	0.368	3.70
70)		CHLOROBENZENE-D5 ...	----------	ISTD	----------									
71)	S	4-BROMOFLUOROB...	0.895	0.905	0.891	0.912	0.900	0.904	0.912	0.900	0.924	0.913	0.905	1.09
72)	T	CHLOROBENZENE	1.858	2.093	1.677	1.718	1.712	1.770	1.824	1.778	1.739	1.783	1.795	6.55
73)		1,1,1,2-TETRAC...	0.517	0.466	0.532	0.451	0.540	0.548	0.610	0.624	0.659	0.692	0.564	14.17
74)	C	ETHYLBENZENE	3.035	3.364	3.075	3.132	3.281	3.342	3.457	3.307	3.241	3.317	3.255	4.14#
75)		M/P-XYLENES	2.401	2.828	2.509	2.404	2.571	2.628	2.740	2.595	2.552		2.581	5.46
76)		0-XYLENE	2.440	2.631	2.422	2.250	2.446	2.556	2.687	2.588	2.529	2.643	2.519	5.23
77)		STYRENE	1.725	1.965	1.878	1.860	2.004	2.141	2.263	2.206	2.195	2.257	2.049	9.24
78)	P	BROMOFORM		0.349	0.300	0.294	0.307	0.325	0.376	0.415			0.338	13.28
79)		ISOPROPYLBENZENE	2.669	2.749	2.602	2.533	2.869	2.946	3.038	2.916	2.867	2.976	2.816	6.03
80)		CIS-1,4-DICHLO...	0.290	0.208	0.212	0.217	0.215	0.236	0.255	0.268	0.285	0.290	0.248	13.76
81)	P	1,1,2,2-TETRAC...	0.684	0.753	0.659	0.637	0.690	0.728	0.739	0.699	0.725	0.706	0.702	5.15
82)		1,4-DICHLORO-2...			0.219	0.193	0.189	0.215	0.243	0.264			0.221	13.12
83)		BROMOBENZENE	1.404	1.427	1.363	1.207	1.330	1.327	1.392	1.328	1.311	1.341	1.343	4.56
84)		1,2,3-TRICHLOR...	0.752	0.691	0.604	0.572	0.599	0.593	0.630	0.597	0.628	0.602	0.627	8.69
85)		N-PROPYLBENZENE	2.782	3.057	3.012	2.924	3.154	3.222	3.409	3.279	3.225	3.330	3.139	6.19
86)		2-CHLOROT0LUENE	2.113	2.264	1.970	2.052	2.117	2.278	2.297	2.199	2.160	2.226	2.168	4.88
87)		1,3,5-TRIMETHY...	2.419	2.542	2.508	2.445	2.664	2.700	2.891	2.767	2.711	2.803	2.645	6.02
88)		4-CHLOROTOLUENE	2.333	2.689	2.420	2.441	2.558	2.578	2.705	2.618	2.550	2.630	2.552	4.73
89)		1,4-DICHLOROBENZEN...	----------	ISTD	----------									
90)		TERT-BUTYLBENZENE	2.071	2.256	1.896	1.870	2.058	2.109	2.131	2.074	1.964	2.081	2.051	5.58

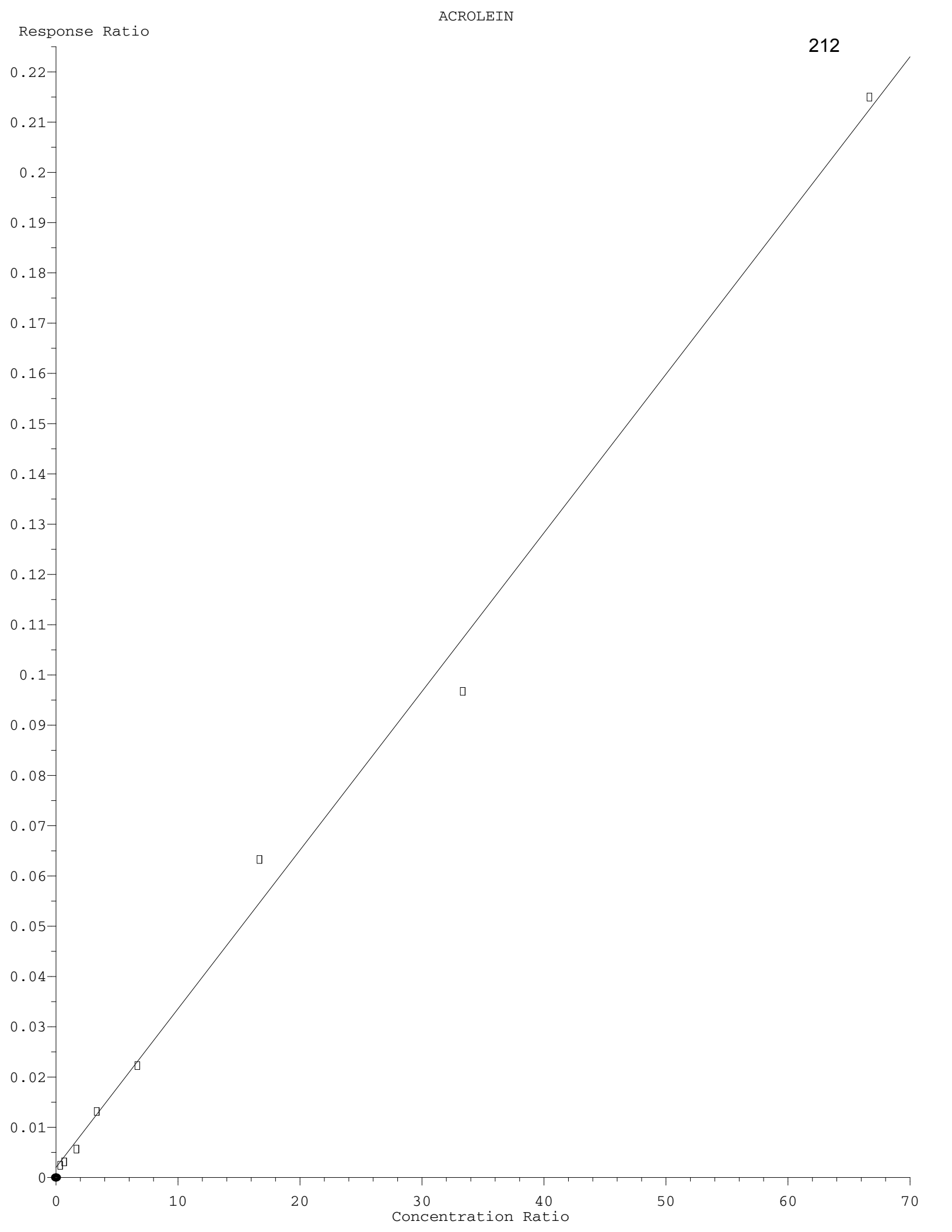
91)	1,2,4-TRIMETHY...	2.996	2.914	2.717	2.768	3.057	3.082	3.294	3.087	3.008	3.088	3.001	5.59
92)	SEC-BUTYLBENZENE	2.795	2.992	2.625	2.598	2.888	2.977	3.108	2.930	2.834	2.982	2.873	5.69
93)	1,3-DICHLOROBE...	1.422	1.556	1.382	1.399	1.437	1.507	1.559	1.490	1.461	1.511	1.472	4.24
94)	P-ISOPROPYLTOL...	2.322	2.480	2.285	2.269	2.407	2.531	2.586	2.472	2.388	2.499	2.424	4.43
95)	1,4-DICHLOROBE...	1.913	1.906	1.679	1.453	1.618	1.703	1.788	1.620	1.612	1.653	1.695	8.34
96)	N-BUTYLBENZENE	2.058	2.146	1.902	1.994	2.212	2.357	2.400	2.317	2.232	2.324	2.194	7.58
97)	1,2-DICHLOROBE...	1.560	1.599	1.380	1.408	1.436	1.451	1.540	1.437	1.404	1.440	1.466	5.05
98)	1,2-DIBROMO-3-...			0.149	0.129	0.114	0.125	0.131	0.133	0.151	0.149	0.135	9.94
99)	1,3,5-TRICHLOR...	0.920	1.116	1.046	0.943	0.995	1.069	1.109	1.063	1.036	1.069	1.037	6.30
100)	1,2,4-TRICHLOR...	0.592	0.747	0.770	0.780	0.782	0.852	0.906	0.874	0.909	0.909	0.812	12.27
101)	HEXACHLOROBUTA...		0.416	0.380	0.373	0.349	0.364	0.367	0.364	0.344	0.371	0.370	5.59
102)	NAPHTHALENE					1.238	1.547	1.652	1.619	1.772	1.705	1.589	11.82
103)	1,2,3-TRICHLOR...	0.483	0.524	0.547	0.563	0.594	0.662	0.732	0.670	0.718	0.704	0.620	14.28

(#) = Out of Range

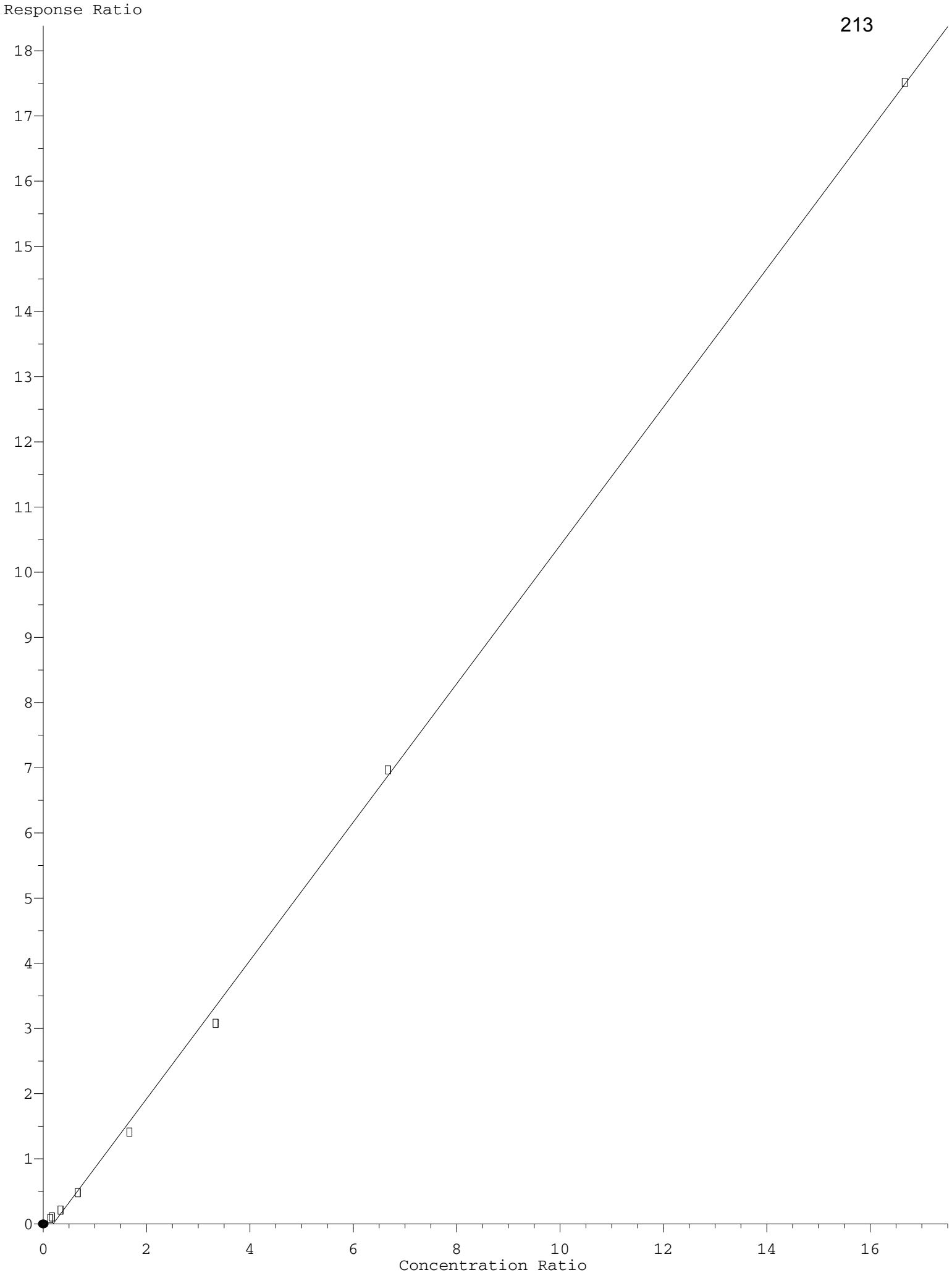
C0313W12.M Wed Apr 04 12:52:03 2012

BROMOMETHANE




ACROLEIN
Response Ratio
212
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
10
20
30
40
50
60
70
Concentration Ratio

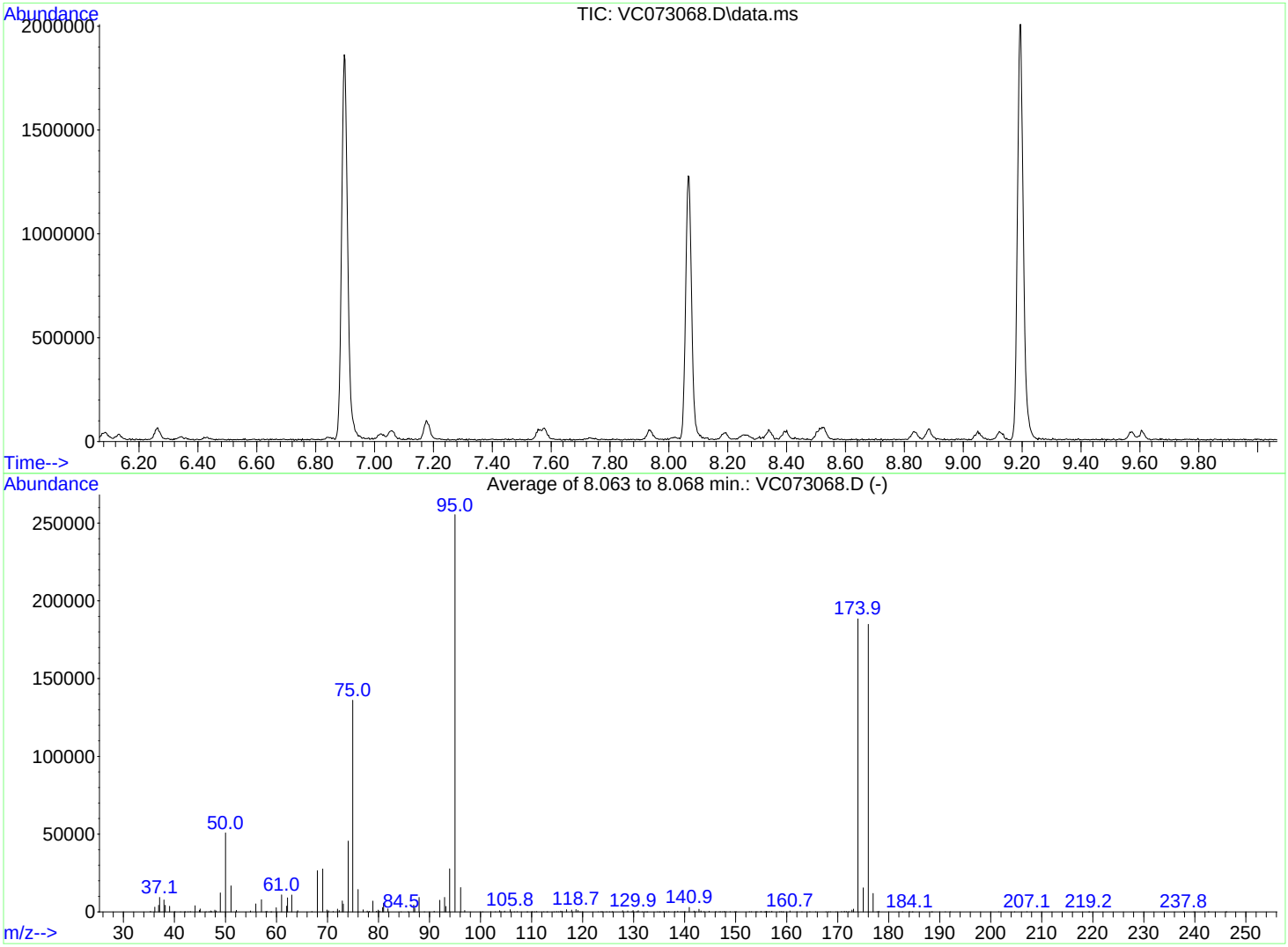
IODOMETHANE



Data Path : X:\1\DATA\031312\
Data File : VC073068.D
Acq On : 13 Mar 2012 4:23 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	50787	PASS
75	95	30	60	53.3	136147	PASS
95	95	100	100	100.0	255445	PASS
96	95	5	9	6.2	15714	PASS
173	174	0.00	2	0.9	1781	PASS
174	95	50	100	73.8	188458	PASS
175	174	5	9	8.2	15481	PASS
176	174	95	101	98.1	184874	PASS
177	176	5	9	6.4	11875	PASS

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	516697	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	795675	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	476655	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	411528	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	328155	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
49) TOLUENE SS	5.489	98	795919	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	355428	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	4991	1.03	UG/L		90
4) DIFLUOROCHLOROMETHANE	0.840	51	5745	0.59	UG/L		98
5) CHLOROMETHANE	0.913	50	3474	0.60	UG/L		100
6) VINYL CHLORIDE	0.963	62	5290	0.55	UG/L	#	88
7) BROMOMETHANE	1.103	94	7211	1.13	UG/L		93
8) CHLOROETHANE	1.142	64	2560	0.49	UG/L	#	71
9) FLUORODICHLOROMETHANE	1.225	67	8583	0.49	UG/L	#	77
10) TRICHLOROFLUOROMETHANE	1.253	101	7402	0.46	UG/L	#	82
12) DI ETHYL ETHER	1.381	59	3254m	0.48	UG/L		
14) ACETONE	1.529	43	9852	4.67	UG/L	#	78
15) 1,1-DICHLOROETHENE	1.510	61	8120	0.56	UG/L	#	59
16) 1,1,2-TRICL-1,2,2-TRIF...	1.493	101	3448m	0.44	UG/L		
17) IODOMETHANE	1.585	142	42351	9.25	UG/L		97
20) METHYL ACETATE	1.705	43	5082m	Below Cal			
21) T-BUTYL ALCOHOL	1.842	59	2838m	3.96	UG/L		
22) ACRYLONITRILE	1.917	53	1942m	0.69	UG/L		
23) METHYLENE CHLORIDE	1.763	49	35074	3.06	UG/L		94
24) CARBON DISULFIDE	1.618	76	113774	4.20	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	10212m	0.40	UG/L		
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7289	0.47	UG/L		91
27) 1,1-DICHLOROETHANE	2.218	63	7411m	0.40	UG/L		
28) VINYL ACETATE	2.268	43	61340	3.43	UG/L	#	81
29) DI ISOPROYL ETHER	2.288	45	11632m	0.47	UG/L		
31) 2-BUTANONE	2.737	43	13949m	4.34	UG/L		
32) T-BUTYL ETHYL ETHER	2.586	59	12341m	0.43	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.706	61	8556m	0.46	UG/L		
34) 2,2-DICHLOROPROPANE	2.698	77	6646m	0.46	UG/L		
35) ETHYL ACETATE	2.809	43	5400m	0.68	UG/L		
38) BROMOCHLOROMETHANE	2.943	49	3696m	0.51	UG/L		
40) CHLOROFORM	3.041	83	7765m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.211	97	8314m	0.45	UG/L		
42) CYCLOHEXANE	3.278	56	18774m	1.38	UG/L		
43) CARBON TETRACHLORIDE	3.370	117	5520m	0.36	UG/L		
44) 1,1-DICHLOROPROPENE	3.392	75	6047m	0.43	UG/L		
45) BENZENE	3.584	78	16410m	0.43	UG/L		
47) T-AMYLMETHYL ETHER	3.743	73	9107m	0.35	UG/L		
50) 1,2-DICHLOROETHANE	3.618	62	8902m	0.47	UG/L		
51) TRICHLOROETHENE	4.262	95	5821m	0.53	UG/L		
52) METHYLCYCLOHEXANE	4.443	83	5325m	0.49	UG/L		
53) 1,2-DICHLOROPROPANE	4.488	63	3944	0.41	UG/L	#	73
54) DIBROMOMETHANE	4.602	93	3461	0.48	UG/L	#	58
57) BROMODICHLOROMETHANE	4.786	83	6133m	0.40	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.127	63	19987	3.66	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

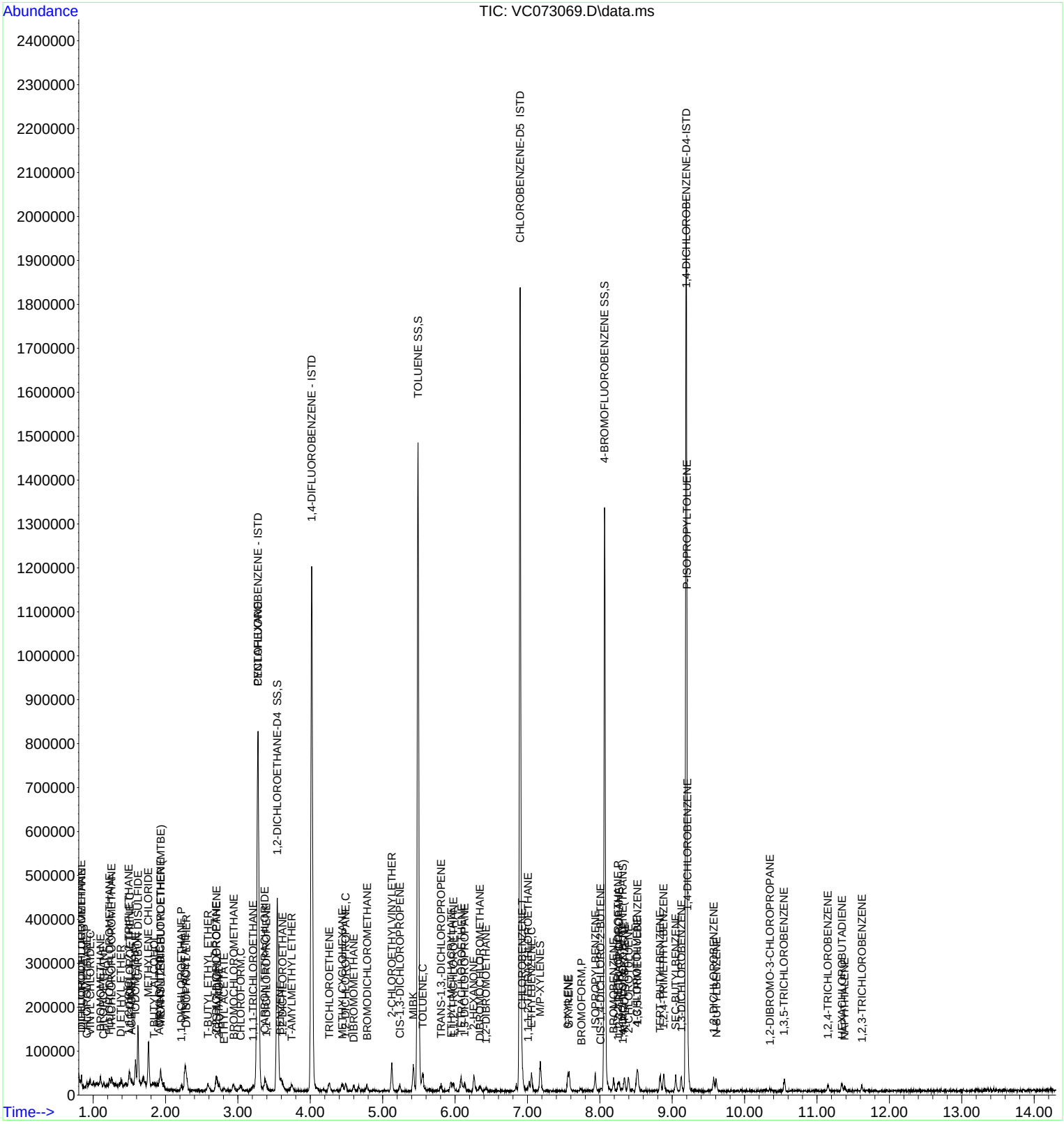
Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.422	43	27429	3.65 UG/L #	96
60) CIS-1,3-DICHLOROPROPENE	5.238	75	5268	0.31 UG/L #	87
61) TOLUENE	5.556	91	20174	0.48 UG/L	92
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	4942	0.34 UG/L #	90
63) ETHYL METHACRYLATE	5.949	69	8035	0.68 UG/L #	55
64) 1,1,2-TRICHLOROETHANE	5.980	97	3560m	0.39 UG/L	
65) 2-HEXANONE	6.259	43	17407	3.45 UG/L	100
66) TETRACHLOROETHENE	6.089	166	4464m	0.42 UG/L	
67) 1,3-DICHLOROPROPANE	6.133	76	6292	0.43 UG/L #	86
68) DIBROMOCHLOROMETHANE	6.342	129	4544m	0.41 UG/L	
69) 1,2-DIBROMOETHANE	6.426	107	3763	0.39 UG/L #	47
72) CHLOROBENZENE	6.928	112	11811	0.41 UG/L #	59
73) 1,1,1,2-TETRACHLOROETHANE	7.009	131	3284	0.30 UG/L #	83
74) ETHYLBENZENE	7.056	91	19290	0.36 UG/L	97
75) M/P-XYLENES	7.176	91	30513	0.73 UG/L	92
76) 0-XYLENE	7.558	91	15504	0.38 UG/L	91
77) STYRENE	7.575	104	10961	0.32 UG/L	99
78) BROMOFORM	7.748	173	1334m	1.25 UG/L	
79) ISOPROPYLBENZENE	7.937	105	16963	0.36 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.010	53	1845m	0.40 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	4349	0.35 UG/L #	65
82) 1,4-DICHLORO-2-BUTENE(...	8.317	53	880	0.21 UG/L #	21
83) BROMOBENZENE	8.191	77	8920	0.42 UG/L	91
84) 1,2,3-TRICHLOROPROPANE	8.267	75	4778	0.48 UG/L #	67
85) N-PROPYLBENZENE	8.342	91	17682	0.35 UG/L	98
86) 2-CHLOROT0LUENE	8.398	91	13432	0.38 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.520	105	15375	0.35 UG/L	88
88) 4-CHLOROTOLUENE	8.512	91	14829m	0.36 UG/L	
90) TERT-BUTYLBENZENE	8.833	119	11366	0.38 UG/L #	56
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	16438	0.39 UG/L	98
92) SEC-BUTYLBENZENE	9.047	105	15338	0.38 UG/L	95
93) 1,3-DICHLOROBENZENE	9.128	146	7800	0.36 UG/L #	72
94) P-ISOPROPYLTOLUENE	9.204	119	12739m	0.36 UG/L	
95) 1,4-DICHLOROBENZENE	9.212	146	10499	0.43 UG/L #	74
96) N-BUTYLBENZENE	9.613	91	11293	0.37 UG/L #	61
97) 1,2-DICHLOROBENZENE	9.574	146	8558	0.41 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.350	75	622	0.29 UG/L #	9
99) 1,3,5-TRICHLOROBENZENE	10.545	180	5049	0.34 UG/L #	48
100) 1,2,4-TRICHLOROBENZENE	11.153	180	3249	0.25 UG/L #	45
101) HEXACHLOROBUTADIENE	11.348	225	1095	0.19 UG/L #	74
102) NAPHTHALENE	11.381	128	5553m	0.20 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.624	180	2651m	0.25 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	519145	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	795009	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	466467	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	406018	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	331728	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
49) TOLUENE SS	5.489	98	790335	25.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.28%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	351670	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	8729	1.40	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.843	51	7772	0.79	UG/L		97
5) CHLOROMETHANE	0.913	50	4603	0.79	UG/L		92
6) VINYL CHLORIDE	0.960	62	5720	0.59	UG/L	#	56
7) BROMOMETHANE	1.103	94	9050	1.41	UG/L		98
8) CHLOROETHANE	1.144	64	2992	0.58	UG/L	#	70
9) FLUORODICHLOROMETHANE	1.222	67	11443	0.64	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.250	101	9633	0.60	UG/L		100
12) DI ETHYL ETHER	1.384	59	4561	0.66	UG/L		97
14) ACETONE	1.532	43	16879	7.96	UG/L	#	82
15) 1,1-DICHLOROETHENE	1.501	61	10237	0.70	UG/L	#	83
16) 1,1,2-TRICL-1,2,2-TRIF...	1.490	101	5000m	0.63	UG/L		
17) IODOMETHANE	1.585	142	55685	10.01	UG/L		97
20) METHYL ACETATE	1.708	43	5849m	Below Cal			
21) T-BUTYL ALCOHOL	1.839	59	3311	4.60	UG/L	#	98
22) ACRYLONITRILE	1.922	53	2242m	0.79	UG/L		
23) METHYLENE CHLORIDE	1.763	49	21351	1.85	UG/L		96
24) CARBON DISULFIDE	1.621	76	157403	5.79	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.934	73	12077	0.47	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.936	61	8886	0.57	UG/L		98
27) 1,1-DICHLOROETHANE	2.226	63	9539	0.52	UG/L	#	85
28) VINYL ACETATE	2.274	43	80558	4.48	UG/L	#	88
29) DI ISOPROYL ETHER	2.285	45	16159	0.65	UG/L	#	81
31) 2-BUTANONE	2.734	43	18375m	5.69	UG/L		
32) T-BUTYL ETHYL ETHER	2.580	59	14994	0.51	UG/L	#	48
33) CIS-1,2-DICHLOROETHENE	2.709	61	10833	0.58	UG/L	#	77
34) 2,2-DICHLOROPROPANE	2.700	77	5785m	0.40	UG/L		
35) ETHYL ACETATE	2.806	43	6283m	0.79	UG/L		
38) BROMOCHLOROMETHANE	2.937	49	5073m	0.69	UG/L		
40) CHLOROFORM	3.032	83	10421m	0.54	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.214	97	9222m	0.50	UG/L		
42) CYCLOHEXANE	3.269	56	22321	1.64	UG/L	#	55
43) CARBON TETRACHLORIDE	3.384	117	7493m	0.49	UG/L		
44) 1,1-DICHLOROPROPENE	3.392	75	9695m	0.69	UG/L		
45) BENZENE	3.596	78	20292m	0.53	UG/L		
47) T-AMYLMETHYL ETHER	3.746	73	13054m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.626	62	11612	0.61	UG/L	#	91
51) TRICHLOROETHENE	4.265	95	6951m	0.63	UG/L		
52) METHYLCYCLOHEXANE	4.432	83	6674m	0.61	UG/L		
53) 1,2-DICHLOROPROPANE	4.488	63	6410m	0.66	UG/L		
54) DIBROMOMETHANE	4.602	93	4653m	0.64	UG/L		
57) BROMODICHLOROMETHANE	4.784	83	8141	0.53	UG/L	#	80
58) 2-CHLOROETHYLVINYLETHER	5.132	63	27259	4.99	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

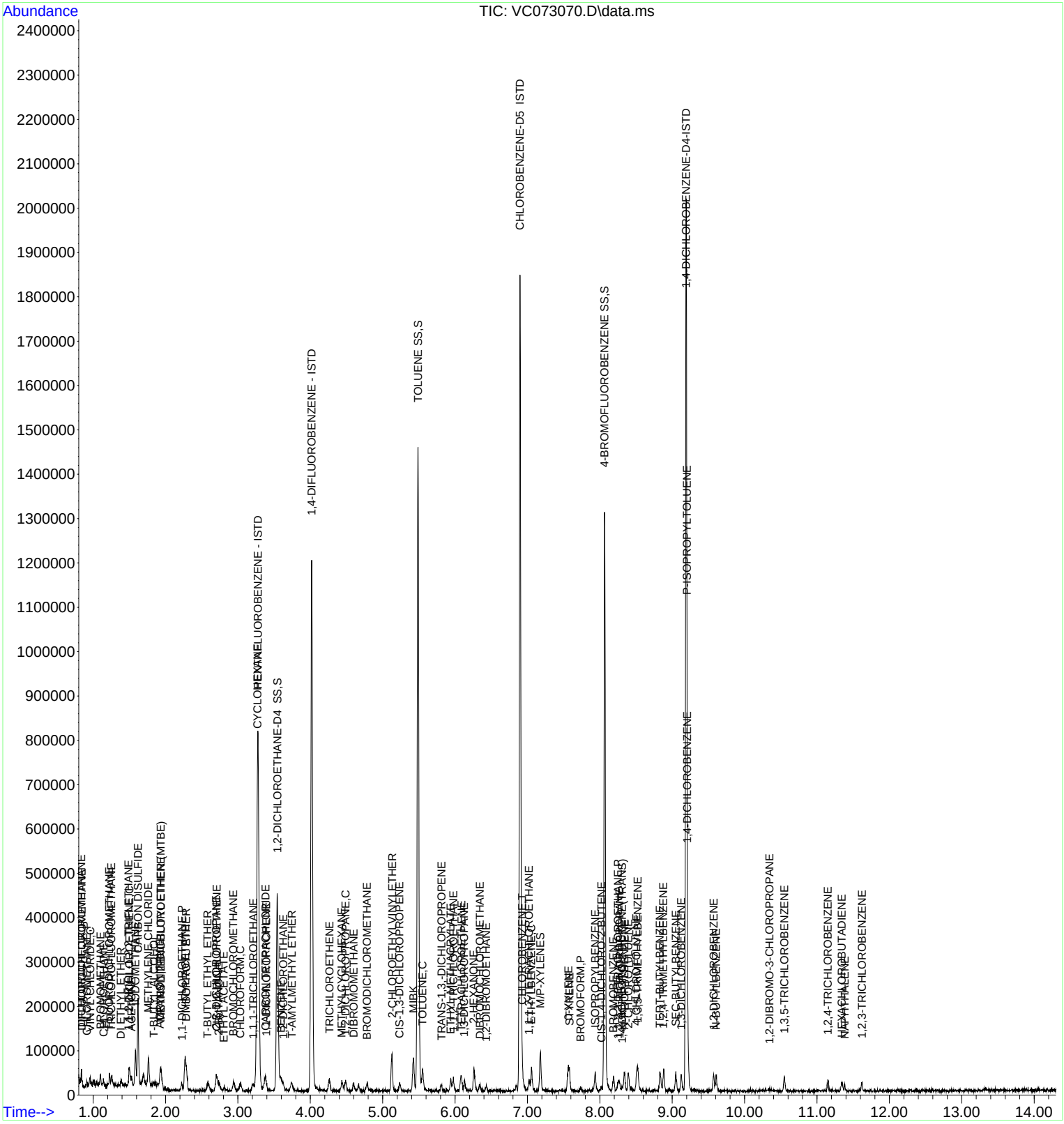
Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.425	43	37951	5.05 UG/L #	95
60) CIS-1,3-DICHLOROPROPENE	5.232	75	7422m	0.44 UG/L	
61) TOLUENE	5.550	91	22738	0.55 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.813	75	6351	0.44 UG/L #	85
63) ETHYL METHACRYLATE	5.941	69	10083m	0.86 UG/L	
64) 1,1,2-TRICHLOROETHANE	5.977	97	4796	0.52 UG/L #	86
65) 2-HEXANONE	6.259	43	25989	5.16 UG/L #	80
66) TETRACHLOROETHENE	6.089	166	6743m	0.64 UG/L	
67) 1,3-DICHLOROPROPANE	6.125	76	9060m	0.62 UG/L	
68) DIBROMOCHLOROMETHANE	6.345	129	5023	0.46 UG/L #	77
69) 1,2-DIBROMOETHANE	6.429	107	5192	0.54 UG/L #	50
72) CHLOROBENZENE	6.928	112	16271	0.58 UG/L #	36
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	3625	0.34 UG/L #	70
74) ETHYLBENZENE	7.053	91	26150	0.50 UG/L	91
75) M/P-XYLENES	7.179	91	43971	1.07 UG/L	96
76) 0-XYLENE	7.567	91	20458	0.51 UG/L	90
77) STYRENE	7.583	104	15275	0.46 UG/L	100
78) BROMOFORM	7.734	173	2716	1.41 UG/L #	64
79) ISOPROPYLBENZENE	7.935	105	21372	0.47 UG/L #	82
80) CIS-1,4-DICHLORO-2-BUTENE	8.024	53	1620	0.36 UG/L #	10
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	5853m	0.48 UG/L	
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	2322m	0.55 UG/L	
83) BROMOBENZENE	8.188	77	11097m	0.53 UG/L	
84) 1,2,3-TRICHLOROPROPANE	8.275	75	5376m	0.55 UG/L	
85) N-PROPYLBENZENE	8.342	91	23764	0.48 UG/L	99
86) 2-CHLOROT0LUENE	8.395	91	17604	0.51 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	19764	0.46 UG/L	98
88) 4-CHLOROTOLUENE	8.506	91	20905	0.53 UG/L #	84
90) TERT-BUTYLBENZENE	8.827	119	15263	0.52 UG/L #	53
91) 1,2,4-TRIMETHYLBENZENE	8.877	105	19716	0.48 UG/L	94
92) SEC-BUTYLBENZENE	9.050	105	20248	0.51 UG/L	97
93) 1,3-DICHLOROBENZENE	9.125	146	10531	0.50 UG/L #	87
94) P-ISOPROPYLTOLUENE	9.204	119	16783	0.48 UG/L #	80
95) 1,4-DICHLOROBENZENE	9.209	146	12899m	0.54 UG/L	
96) N-BUTYLBENZENE	9.605	91	14522	0.48 UG/L	90
97) 1,2-DICHLOROBENZENE	9.574	146	10821	0.53 UG/L	90
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	1622m	0.76 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.550	180	7551m	0.52 UG/L	
100) 1,2,4-TRICHLOROBENZENE	11.150	180	5052	0.40 UG/L	96
101) HEXACHLOROBUTADIENE	11.345	225	2818m	0.50 UG/L	
102) NAPHTHALENE	11.384	128	7096m	0.26 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.621	180	3549	0.34 UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	511475	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	792610	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	466008	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	410641	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	329169	25.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.96%				
49) TOLUENE SS	5.489	98	791859	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	345953	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	13691	1.92	UG/L		94
4) DIFLUOROCHLOROMETHANE	0.840	51	14143	1.46	UG/L		94
5) CHLOROMETHANE	0.913	50	8894	1.55	UG/L		99
6) VINYL CHLORIDE	0.960	62	11647	1.23	UG/L	#	85
7) BROMOMETHANE	1.100	94	13244	2.08	UG/L		98
8) CHLOROETHANE	1.144	64	6962	1.36	UG/L		94
9) FLUORODICHLOROMETHANE	1.228	67	20543	1.17	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.256	101	17550	1.11	UG/L		98
12) DI ETHYL ETHER	1.387	59	7280	1.08	UG/L	#	90
13) ACROLEIN	1.454	56	1233	1.05	UG/L	#	2
14) ACETONE	1.529	43	28159	13.48	UG/L		93
15) 1,1-DICHLOROETHENE	1.504	61	17846	1.24	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	9243	1.19	UG/L	#	54
17) IODOMETHANE	1.585	142	108754	13.16	UG/L		100
20) METHYL ACETATE	1.705	43	12505m	0.08	UG/L		
21) T-BUTYL ALCOHOL	1.836	59	7151m	10.08	UG/L		
22) ACRYLONITRILE	1.922	53	4352m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.766	49	27715	2.44	UG/L		95
24) CARBON DISULFIDE	1.618	76	298556	11.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	24089	0.95	UG/L	#	80
26) TRANS 1,2-DICHLOROETHENE	1.931	61	16929	1.10	UG/L		99
27) 1,1-DICHLOROETHANE	2.221	63	21343	1.17	UG/L		98
28) VINYL ACETATE	2.268	43	156278	8.82	UG/L		100
29) DI ISOPROYL ETHER	2.288	45	25666m	1.05	UG/L		
31) 2-BUTANONE	2.737	43	33304	10.47	UG/L	#	71
32) T-BUTYL ETHYL ETHER	2.580	59	30616	1.07	UG/L	#	73
33) CIS-1,2-DICHLOROETHENE	2.709	61	19673	1.07	UG/L		96
34) 2,2-DICHLOROPROPANE	2.706	77	12541	0.87	UG/L	#	86
35) ETHYL ACETATE	2.820	43	11168m	1.42	UG/L		
38) BROMOCHLOROMETHANE	2.937	49	8478m	1.18	UG/L		
39) TETRAHYDROFURAN	3.015	42	2350m	1.28	UG/L		
40) CHLOROFORM	3.043	83	17586	0.92	UG/L		86
41) 1,1,1-TRICHLOROETHANE	3.208	97	17285m	0.95	UG/L		
42) CYCLOHEXANE	3.264	56	29741m	2.21	UG/L		
43) CARBON TETRACHLORIDE	3.361	117	11846m	0.79	UG/L		
44) 1,1-DICHLOROPROPENE	3.375	75	15887m	1.14	UG/L		
45) BENZENE	3.593	78	38019	1.01	UG/L	#	72
47) T-AMYLMETHYL ETHER	3.738	73	24473m	0.95	UG/L		
50) 1,2-DICHLOROETHANE	3.626	62	20370	1.07	UG/L	#	93
51) TRICHLOROETHENE	4.265	95	10598	0.97	UG/L		97
52) METHYLCYCLOHEXANE	4.438	83	13044m	1.20	UG/L		
53) 1,2-DICHLOROPROPANE	4.493	63	10462m	1.09	UG/L		
54) DIBROMOMETHANE	4.597	93	7942m	1.10	UG/L		

Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

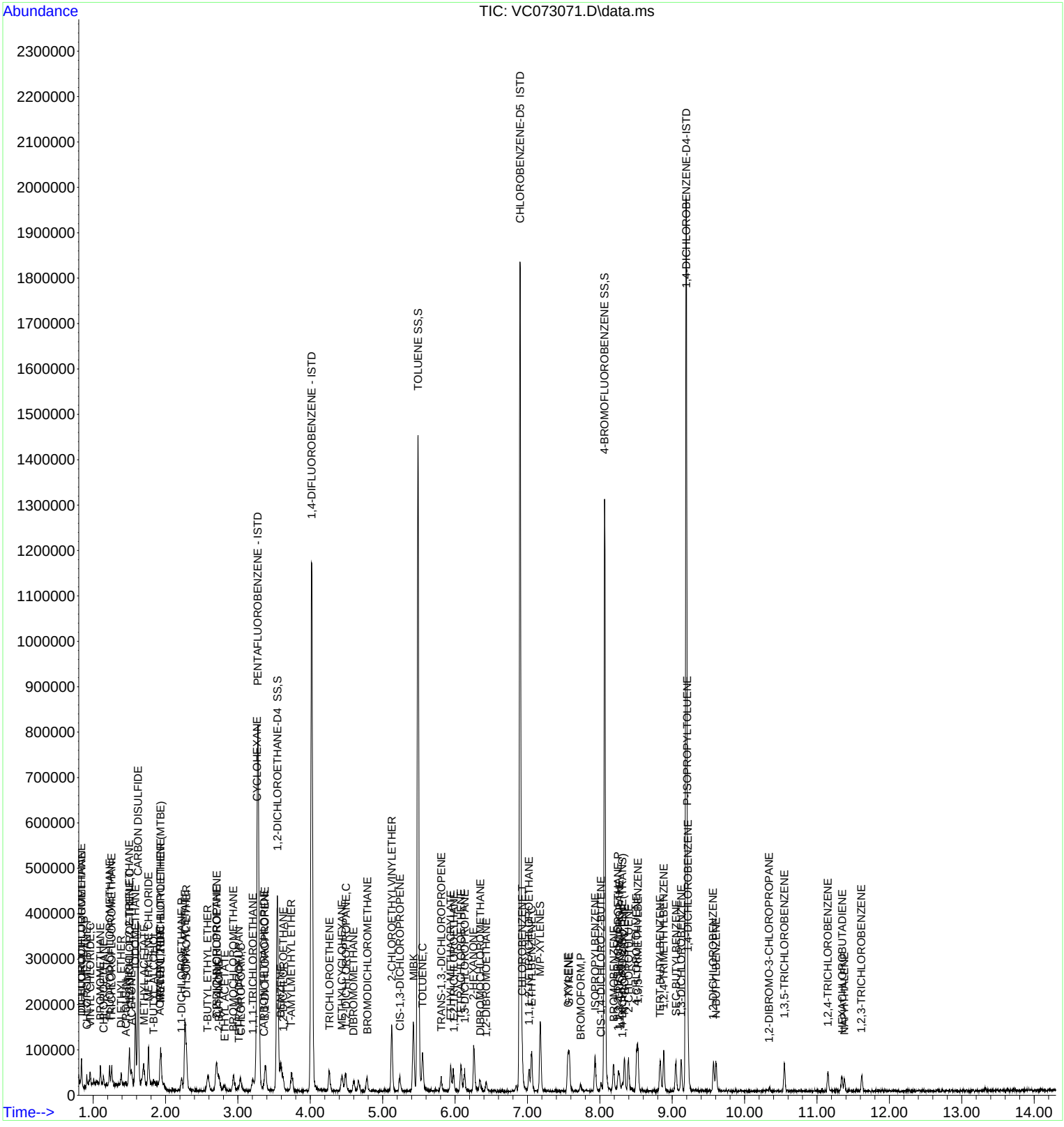
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.789	83	13886	0.90	UG/L	#	75
58)	2-CHLOROETHYLVINYLETHER	5.126	63	51382	9.44	UG/L	#	100
59)	MIBK	5.428	43	76957	10.27	UG/L		99
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	12316	0.74	UG/L	#	88
61)	TOLUENE	5.550	91	43130	1.04	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.810	75	10604	0.73	UG/L		96
63)	ETHYL METHACRYLATE	5.938	69	18868	1.61	UG/L		88
64)	1,1,2-TRICHLOROETHANE	5.985	97	9189m	1.01	UG/L		
65)	2-HEXANONE	6.256	43	50694	10.09	UG/L		99
66)	TETRACHLOROETHENE	6.080	166	10652	1.01	UG/L		99
67)	1,3-DICHLOROPROPANE	6.133	76	16277	1.11	UG/L		96
68)	DIBROMOCHLOROMETHANE	6.351	129	8525	0.78	UG/L	#	67
69)	1,2-DIBROMOETHANE	6.431	107	9726	1.01	UG/L		87
72)	CHLOROBENZENE	6.928	112	26044	0.93	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	8270	0.77	UG/L	#	75
74)	ETHYLBENZENE	7.059	91	47759m	0.92	UG/L		
75)	M/P-XYLENES	7.176	91	77940	1.90	UG/L		92
76)	0-XYLENE	7.561	91	37629	0.94	UG/L		99
77)	STYRENE	7.578	104	29166	0.87	UG/L	#	65
78)	BROMOFORM	7.737	173	4653m	1.64	UG/L		
79)	ISOPROPYLBENZENE	7.935	105	40419	0.88	UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	3300	0.74	UG/L	#	46
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	10240m	0.84	UG/L		
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	3400m	0.81	UG/L		
83)	BROMOBENZENE	8.194	77	21176	1.02	UG/L		91
84)	1,2,3-TRICHLOROPROPANE	8.272	75	9389	0.96	UG/L		91
85)	N-PROPYLBENZENE	8.342	91	46783	0.94	UG/L		98
86)	2-CHLOROT0LUENE	8.398	91	30604	0.89	UG/L		95
87)	1,3,5-TRIMETHYLBENZENE	8.529	105	38957	0.91	UG/L	#	76
88)	4-CHLOROTOLUENE	8.506	91	37596	0.95	UG/L		99
90)	TERT-BUTYLBENZENE	8.833	119	25948m	0.88	UG/L		
91)	1,2,4-TRIMETHYLBENZENE	8.886	105	37193	0.89	UG/L		97
92)	SEC-BUTYLBENZENE	9.053	105	35927	0.89	UG/L		95
93)	1,3-DICHLOROBENZENE	9.125	146	18911	0.88	UG/L	#	88
94)	P-ISOPROPYLTOLUENE	9.209	119	31283	0.89	UG/L	#	92
95)	1,4-DICHLOROBENZENE	9.217	146	22984	0.95	UG/L	#	85
96)	N-BUTYLBENZENE	9.608	91	26032	0.85	UG/L		98
97)	1,2-DICHLOROBENZENE	9.566	146	18890	0.91	UG/L	#	93
98)	1,2-DIBROMO-3-CHLOROPR...	10.338	75	2037	0.95	UG/L	#	27
99)	1,3,5-TRICHLOROBENZENE	10.550	180	14315	0.98	UG/L		90
100)	1,2,4-TRICHLOROBENZENE	11.153	180	10543m	0.83	UG/L		
101)	HEXACHLOROBUTADIENE	11.351	225	5200m	0.92	UG/L		
102)	NAPHTHALENE	11.379	128	13983	0.52	UG/L	#	82
103)	1,2,3-TRICHLOROBENZENE	11.613	180	7483	0.70	UG/L	#	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	545896	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	837663	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	493802	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	440630	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	348683	25.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.20%				
49) TOLUENE SS	5.489	98	836820	25.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.76%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	375102	25.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	30204	3.41	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.840	51	28891	2.79	UG/L		97
5) CHLOROMETHANE	0.915	50	18376	3.00	UG/L		97
6) VINYL CHLORIDE	0.960	62	25740	2.54	UG/L		98
7) BROMOMETHANE	1.100	94	21464	3.16	UG/L		96
8) CHLOROETHANE	1.144	64	12824	2.34	UG/L	#	89
9) FLUORODICHLOROMETHANE	1.225	67	42875	2.30	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.253	101	39478	2.33	UG/L		96
12) DI ETHYL ETHER	1.384	59	16487	2.28	UG/L		97
13) ACROLEIN	1.459	56	1690m	1.34	UG/L		
14) ACETONE	1.529	43	45339	20.33	UG/L		95
15) 1,1-DICHLOROETHENE	1.504	61	35471	2.32	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.507	101	20127	2.42	UG/L	#	45
17) IODOMETHANE	1.585	142	261831	21.14	UG/L		99
20) METHYL ACETATE	1.710	43	24102	1.61	UG/L	#	73
21) T-BUTYL ALCOHOL	1.841	59	11430	15.10	UG/L	#	81
22) ACRYLONITRILE	1.925	53	6680	2.23	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	41846	3.46	UG/L		93
24) CARBON DISULFIDE	1.621	76	626725	21.92	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	46458	1.72	UG/L	#	83
26) TRANS 1,2-DICHLOROETHENE	1.931	61	34530	2.10	UG/L		96
27) 1,1-DICHLOROETHANE	2.226	63	38607	1.99	UG/L		96
28) VINYL ACETATE	2.271	43	346757	18.34	UG/L		98
29) DI ISOPROYL ETHER	2.287	45	51924	1.99	UG/L		97
31) 2-BUTANONE	2.742	43	63074	18.57	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.586	59	61795	2.02	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.709	61	39780	2.04	UG/L	#	89
34) 2,2-DICHLOROPROPANE	2.697	77	24377m	1.59	UG/L		
35) ETHYL ACETATE	2.809	43	21267m	2.54	UG/L		
38) BROMOCHLOROMETHANE	2.943	49	18376m	2.39	UG/L		
39) TETRAHYDROFURAN	2.996	42	3723m	1.89	UG/L		
40) CHLOROFORM	3.040	83	41241	2.02	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	32827	1.69	UG/L	#	82
42) CYCLOHEXANE	3.264	56	46359	3.23	UG/L	#	41
43) CARBON TETRACHLORIDE	3.375	117	23847	1.49	UG/L	#	45
44) 1,1-DICHLOROPROPENE	3.381	75	33209	2.23	UG/L	#	84
45) BENZENE	3.593	78	80226	2.00	UG/L	#	81
47) T-AMYLMETHYL ETHER	3.743	73	45357	1.66	UG/L	#	81
50) 1,2-DICHLOROETHANE	3.626	62	42136	2.10	UG/L	#	94
51) TRICHLOROETHENE	4.265	95	22113	1.91	UG/L		94
52) METHYLCYCLOHEXANE	4.440	83	24116m	2.10	UG/L		
53) 1,2-DICHLOROPROPANE	4.496	63	20723	2.04	UG/L	#	77
54) DIBROMOMETHANE	4.599	93	15433m	2.02	UG/L		

Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

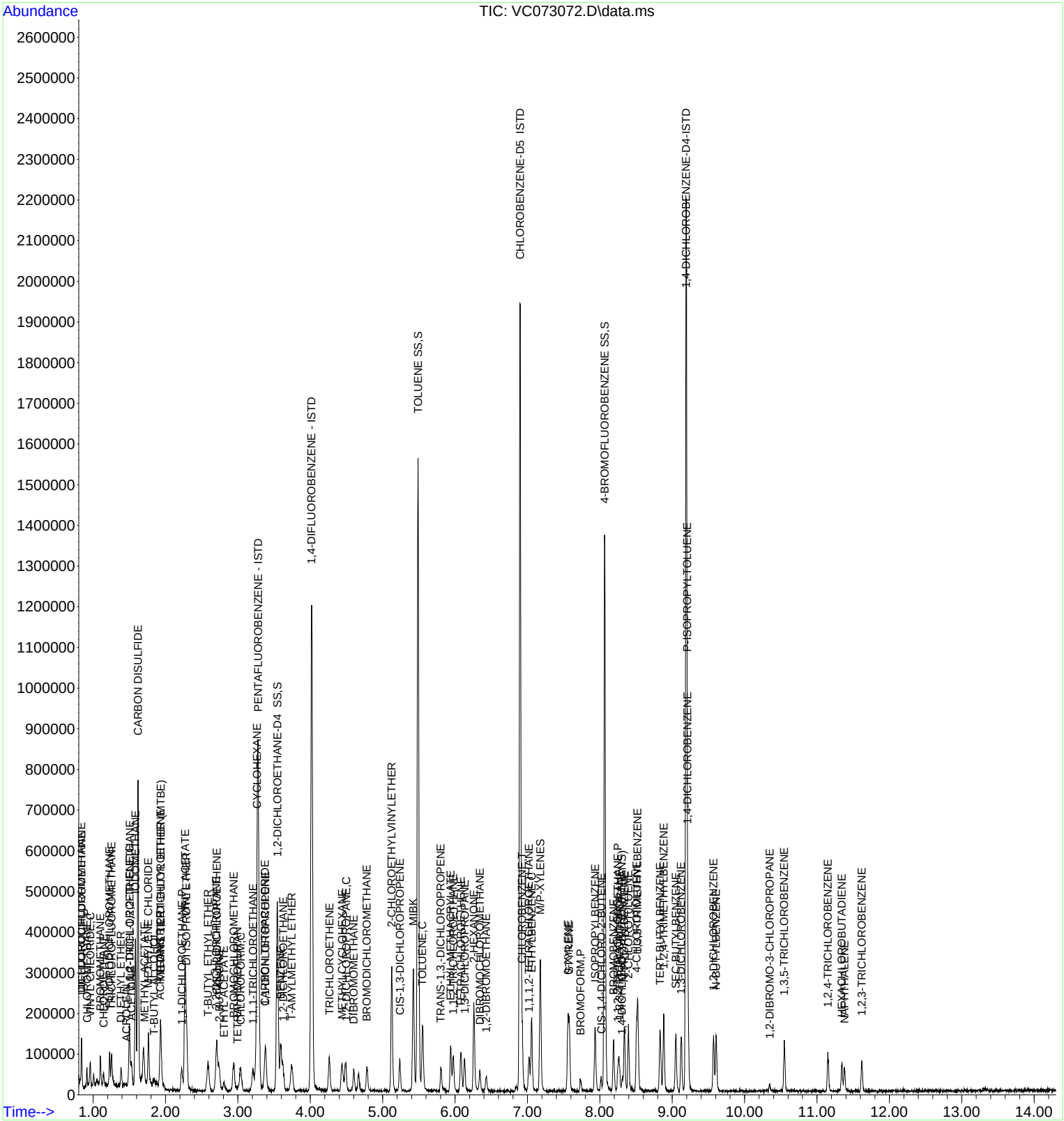
Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.781	83	29070	1.78	UG/L	#	98
58) 2-CHLOROETHYLVINYLETHER	5.124	63	111811	19.44	UG/L	#	100
59) MIBK	5.422	43	151244	19.10	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	29795	1.69	UG/L		99
61) TOLUENE	5.547	91	89776	2.05	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.801	75	21352	1.39	UG/L	#	89
63) ETHYL METHACRYLATE	5.938	69	39710	3.20	UG/L	#	86
64) 1,1,2-TRICHLOROETHANE	5.974	97	20251	2.10	UG/L	#	65
65) 2-HEXANONE	6.261	43	104035	19.60	UG/L		96
66) TETRACHLOROETHENE	6.080	166	22483	2.03	UG/L		100
67) 1,3-DICHLOROPROPANE	6.133	76	33115	2.14	UG/L		98
68) DIBROMOCHLOROMETHANE	6.342	129	16833	1.45	UG/L		88
69) 1,2-DIBROMOETHANE	6.431	107	19734	1.94	UG/L		95
72) CHLOROBENZENE	6.925	112	56564	1.90	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	14856	1.30	UG/L	#	92
74) ETHYLBENZENE	7.059	91	103099	1.88	UG/L		96
75) M/P-XYLENES	7.179	91	158267	3.63	UG/L		99
76) 0-XYLENE	7.561	91	74064	1.74	UG/L		96
77) STYRENE	7.578	104	61230	1.73	UG/L		96
78) BROMOFORM	7.734	173	9671	2.16	UG/L		89
79) ISOPROPYLBENZENE	7.934	105	83381	1.72	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	7129m	1.51	UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.247	83	20965	1.62	UG/L	#	93
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	6365m	1.43	UG/L		
83) BROMOBENZENE	8.191	77	39741	1.81	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.272	75	18822m	1.81	UG/L		
85) N-PROPYLBENZENE	8.339	91	96262	1.82	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	67555	1.86	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.520	105	80479	1.78	UG/L		98
88) 4-CHLOROTOLUENE	8.509	91	80355	1.91	UG/L		100
90) TERT-BUTYLBENZENE	8.832	119	54945	1.74	UG/L		92
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	81319	1.81	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	76305	1.77	UG/L	#	83
93) 1,3-DICHLOROBENZENE	9.122	146	41093	1.78	UG/L		96
94) P-ISOPROPYLTOLUENE	9.206	119	66658	1.76	UG/L		94
95) 1,4-DICHLOROBENZENE	9.212	146	42694	1.65	UG/L	#	87
96) N-BUTYLBENZENE	9.605	91	58579	1.77	UG/L		100
97) 1,2-DICHLOROBENZENE	9.571	146	41353	1.87	UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	3785	1.64	UG/L	#	63
99) 1,3,5-TRICHLOROBENZENE	10.547	180	27713	1.76	UG/L		97
100) 1,2,4-TRICHLOROBENZENE	11.150	180	22926	1.68	UG/L		89
101) HEXACHLOROBUTADIENE	11.345	225	10950	1.80	UG/L	#	87
102) NAPHTHALENE	11.381	128	30255	1.04	UG/L	#	90
103) 1,2,3-TRICHLOROBENZENE	11.618	180	16548	1.45	UG/L		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	540423	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	830184	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	492700	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	430680	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	341770	25.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
49) TOLUENE SS	5.489	98	804999	25.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	369666	25.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	72604	7.51	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	71101	6.95	UG/L		98
5) CHLOROMETHANE	0.913	50	45119	7.44	UG/L		95
6) VINYL CHLORIDE	0.960	62	66149	6.59	UG/L		100
7) BROMOMETHANE	1.100	94	45605	6.77	UG/L		96
8) CHLOROETHANE	1.141	64	31427	5.80	UG/L		96
9) FLUORODICHLOROMETHANE	1.228	67	105189	5.69	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	95173	5.67	UG/L		97
12) DI ETHYL ETHER	1.390	59	39052	5.46	UG/L		94
13) ACROLEIN	1.448	56	3047	2.45	UG/L	#	49
14) ACETONE	1.529	43	108730	49.25	UG/L		100
15) 1,1-DICHLOROETHENE	1.504	61	86637	5.72	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	45042	5.48	UG/L		97
17) IODOMETHANE	1.585	142	761527	48.93	UG/L		96
20) METHYL ACETATE	1.707	43	54063	5.95	UG/L		96
21) T-BUTYL ALCOHOL	1.839	59	31685	42.28	UG/L	#	70
22) ACRYLONITRILE	1.925	53	14235m	4.81	UG/L		
23) METHYLENE CHLORIDE	1.769	49	84895	7.08	UG/L		92
24) CARBON DISULFIDE	1.618	76	1601660	56.59	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	121239	4.54	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	1.933	61	81820	5.02	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	98803	5.13	UG/L		99
28) VINYL ACETATE	2.268	43	934480	49.91	UG/L		98
29) DI ISOPROYL ETHER	2.279	45	141071	5.46	UG/L		95
31) 2-BUTANONE	2.736	43	170289	50.65	UG/L	#	68
32) T-BUTYL ETHYL ETHER	2.589	59	151515	4.99	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.711	61	103994	5.37	UG/L		98
34) 2,2-DICHLOROPROPANE	2.709	77	60591	4.00	UG/L		99
35) ETHYL ACETATE	2.809	43	41761	5.04	UG/L	#	77
38) BROMOCHLOROMETHANE	2.937	49	45143	5.93	UG/L		85
39) TETRAHYDROFURAN	3.004	42	9155m	4.71	UG/L		
40) CHLOROFORM	3.038	83	102385	5.07	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.213	97	86285	4.49	UG/L		94
42) CYCLOHEXANE	3.252	56	92503	6.51	UG/L		89
43) CARBON TETRACHLORIDE	3.378	117	58726	3.71	UG/L		98
44) 1,1-DICHLOROPROPENE	3.383	75	76074	5.16	UG/L		97
45) BENZENE	3.593	78	206290	5.19	UG/L	#	92
47) T-AMYLMETHYL ETHER	3.746	73	124778	4.60	UG/L	#	73
50) 1,2-DICHLOROETHANE	3.626	62	106301	5.35	UG/L		99
51) TRICHLOROETHENE	4.262	95	56265	4.91	UG/L		97
52) METHYLCYCLOHEXANE	4.432	83	60189	5.29	UG/L		92
53) 1,2-DICHLOROPROPANE	4.488	63	51976	5.15	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	35262	4.66	UG/L		98

Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

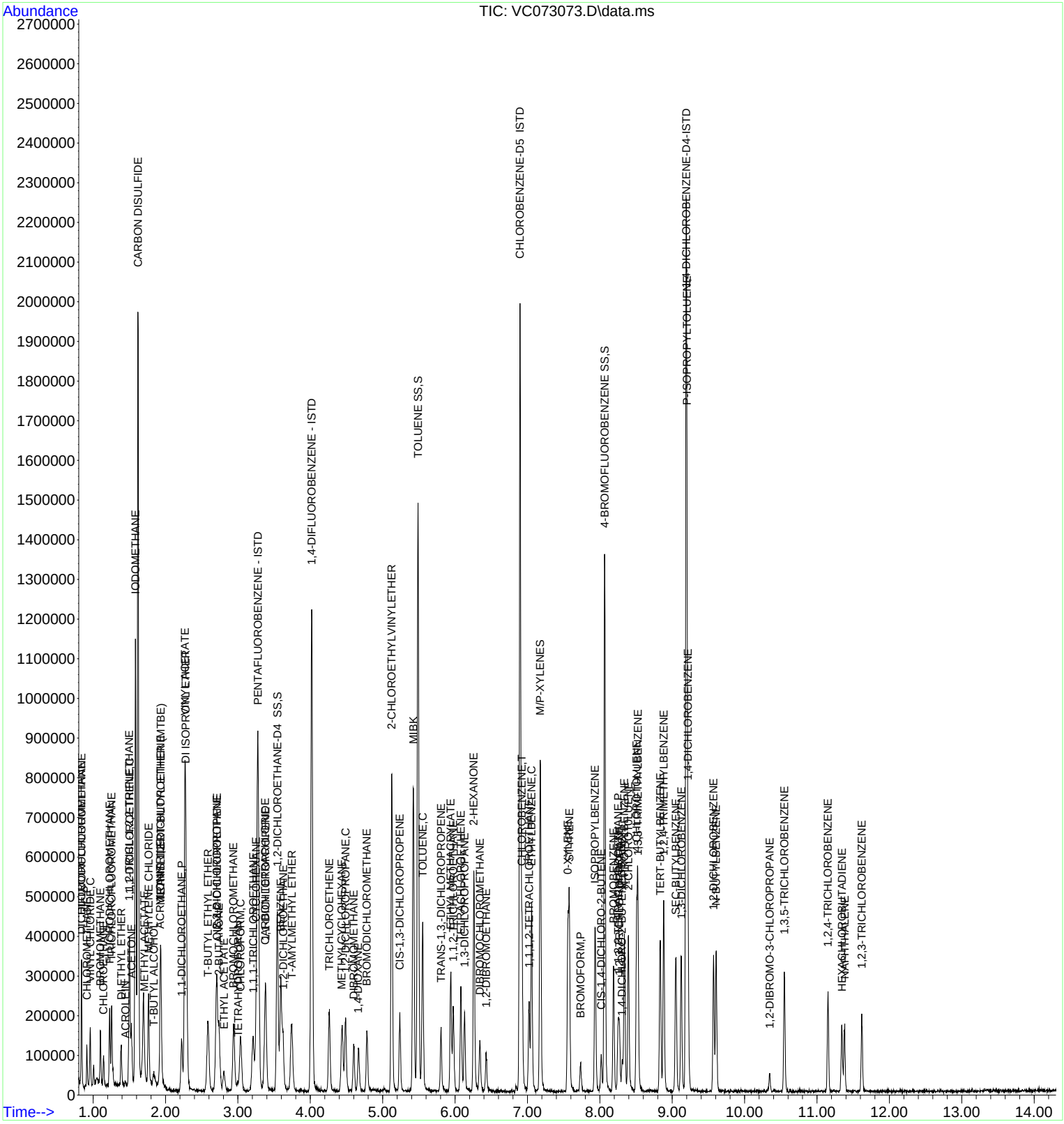
Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.661	88	3712m	50.48	UG/L		
57) BROMODICHLOROMETHANE	4.781	83	76838	4.75	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.124	63	297091	52.13	UG/L	#	100
59) MIBK	5.425	43	400017	50.96	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.235	75	78420	4.49	UG/L		99
61) TOLUENE	5.553	91	228504	5.26	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	59333	3.90	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	108092	8.80	UG/L		87
64) 1,1,2-TRICHLOROETHANE	5.974	97	41529	4.34	UG/L		88
65) 2-HEXANONE	6.258	43	274446	52.18	UG/L		96
66) TETRACHLOROETHENE	6.080	166	55477	5.05	UG/L		95
67) 1,3-DICHLOROPROPANE	6.130	76	80804	5.28	UG/L		98
68) DIBROMOCHLOROMETHANE	6.342	129	49798	4.33	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	48492	4.80	UG/L		97
72) CHLOROBENZENE	6.922	112	140598	4.72	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	44366	3.89	UG/L		97
74) ETHYLBENZENE	7.056	91	269397	4.91	UG/L		99
75) M/P-XYLENES	7.176	91	422251	9.72	UG/L		98
76) 0-XYLENE	7.558	91	200820	4.74	UG/L		97
77) STYRENE	7.580	104	164526	4.65	UG/L		96
78) BROMOFORM	7.734	173	25178	3.87	UG/L	#	96
79) ISOPROPYLBENZENE	7.932	105	235619	4.87	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	17666	3.75	UG/L	#	64
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	56641	4.40	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	15488	3.50	UG/L	#	80
83) BROMOBENZENE	8.191	77	109256	4.98	UG/L		92
84) 1,2,3-TRICHLOROPROPANE	8.269	75	49219	4.74	UG/L		99
85) N-PROPYLBENZENE	8.339	91	259032	4.91	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	173838	4.80	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.528	105	218738	4.85	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	210032	5.00	UG/L		98
90) TERT-BUTYLBENZENE	8.835	119	147700	4.78	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	219426	4.99	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	207315	4.91	UG/L		99
93) 1,3-DICHLOROBENZENE	9.128	146	103159	4.58	UG/L		99
94) P-ISOPROPYLTOLUENE	9.203	119	172774	4.68	UG/L		98
95) 1,4-DICHLOROBENZENE	9.217	146	116121	4.58	UG/L		93
96) N-BUTYLBENZENE	9.608	91	158769	4.91	UG/L		96
97) 1,2-DICHLOROBENZENE	9.571	146	103047	4.76	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	8155	3.61	UG/L		87
99) 1,3,5-TRICHLOROBENZENE	10.550	180	71406	4.64	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	56156	4.20	UG/L		99
101) HEXACHLOROBUTADIENE	11.348	225	25072	4.21	UG/L		96
102) NAPHTHALENE	11.384	128	88877	3.12	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.618	180	42605	3.82	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	538975	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	826552	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482021	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	422477	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	342127	25.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%				
49) TOLUENE SS	5.489	98	814082	25.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	363138	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	138785	13.91	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	142458	13.95	UG/L		95
5) CHLOROMETHANE	0.913	50	84020	13.90	UG/L		99
6) VINYL CHLORIDE	0.960	62	126363	12.62	UG/L		98
7) BROMOMETHANE	1.100	94	74646	11.10	UG/L		95
8) CHLOROETHANE	1.144	64	61407	11.37	UG/L		95
9) FLUORODICHLOROMETHANE	1.228	67	207308	11.25	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	184949	11.06	UG/L		98
12) DI ETHYL ETHER	1.387	59	75034	10.53	UG/L		96
13) ACROLEIN	1.454	56	7077	5.70	UG/L	#	13
14) ACETONE	1.529	43	226524	102.87	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	181722	12.02	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	87275	10.65	UG/L		99
17) IODOMETHANE	1.585	142	1658716	98.80	UG/L		99
20) METHYL ACETATE	1.705	43	115625	14.83	UG/L		95
21) T-BUTYL ALCOHOL	1.841	59	56144	75.12	UG/L	#	86
22) ACRYLONITRILE	1.917	53	29659	10.05	UG/L		97
23) METHYLENE CHLORIDE	1.763	49	151597	12.68	UG/L		92
24) CARBON DISULFIDE	1.618	76	3189826	113.01	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	247136	9.29	UG/L	#	77
26) TRANS 1,2-DICHLOROETHENE	1.931	61	172964	10.65	UG/L		96
27) 1,1-DICHLOROETHANE	2.221	63	202469	10.55	UG/L		98
28) VINYL ACETATE	2.268	43	1777654	95.21	UG/L		98
29) DI ISOPROYL ETHER	2.282	45	279318	10.85	UG/L		96
31) 2-BUTANONE	2.739	43	345606	103.08	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	323425	10.69	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	208087	10.78	UG/L		94
34) 2,2-DICHLOROPROPANE	2.703	77	127692	8.45	UG/L		98
35) ETHYL ACETATE	2.812	43	92067	11.14	UG/L	#	87
38) BROMOCHLOROMETHANE	2.940	49	85003	11.19	UG/L		87
39) TETRAHYDROFURAN	2.996	42	18087m	9.32	UG/L		
40) CHLOROFORM	3.035	83	214645	10.66	UG/L		94
41) 1,1,1-TRICHLOROETHANE	3.211	97	172486	9.00	UG/L	#	72
42) CYCLOHEXANE	3.255	56	169972	12.00	UG/L		88
43) CARBON TETRACHLORIDE	3.375	117	123440	7.82	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	152323	10.37	UG/L		94
45) BENZENE	3.590	78	414991	10.47	UG/L		97
47) T-AMYLMETHYL ETHER	3.740	73	258130	9.55	UG/L	#	91
50) 1,2-DICHLOROETHANE	3.623	62	220346	11.14	UG/L	#	90
51) TRICHLOROETHENE	4.259	95	111521	9.77	UG/L		99
52) METHYLCYCLOHEXANE	4.443	83	124890	11.03	UG/L	#	89
53) 1,2-DICHLOROPROPANE	4.485	63	103211	10.28	UG/L	#	98
54) DIBROMOMETHANE	4.602	93	72443	9.61	UG/L		97

Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

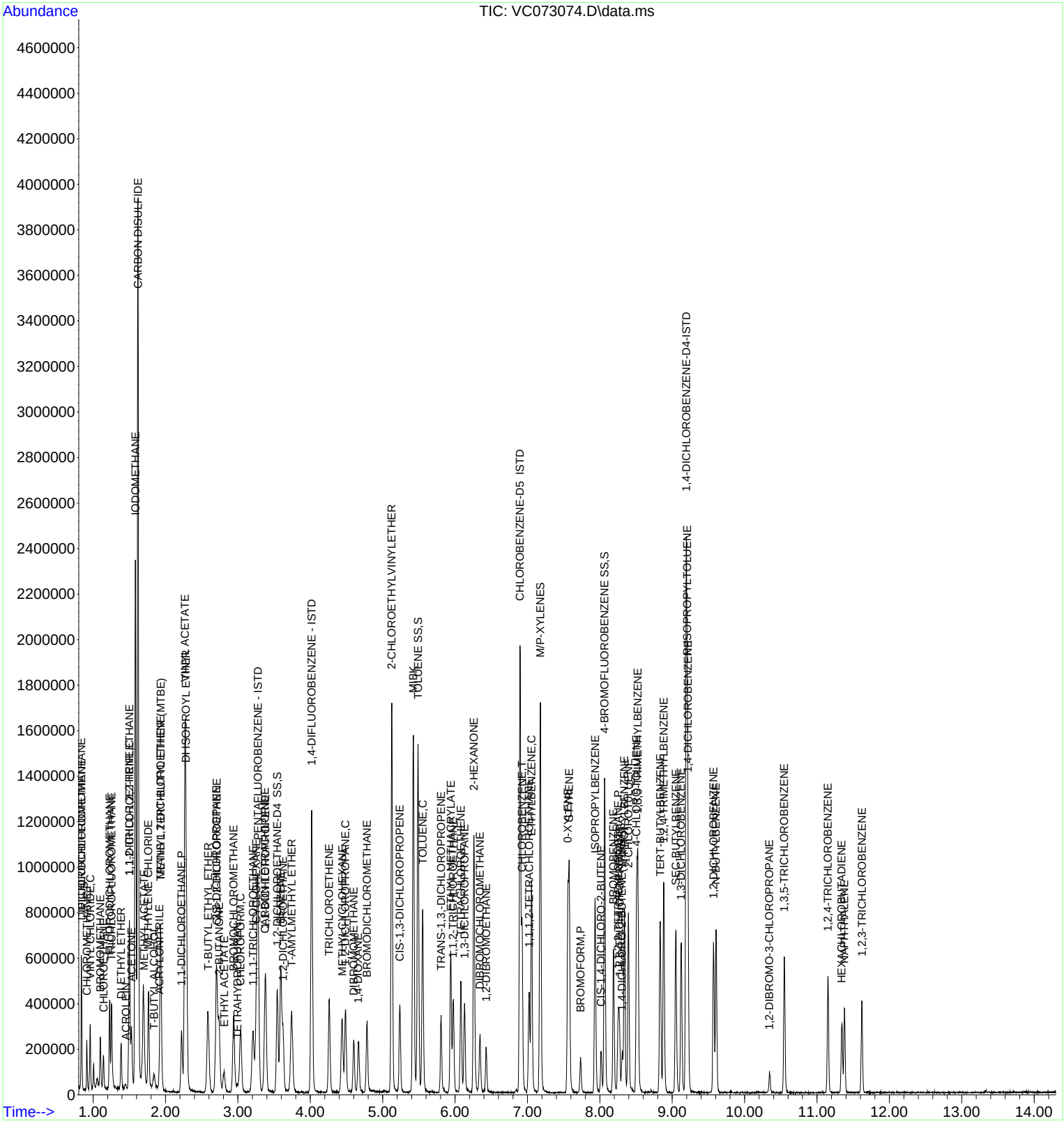
Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.661	88	5994m	81.86	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	163437	10.15	UG/L		97
58) 2-CHLOROETHYLVINYLETHER	5.124	63	623282	109.84	UG/L	#	100
59) MIBK	5.422	43	808633	103.47	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.235	75	170994	9.84	UG/L		98
61) TOLUENE	5.553	91	462646	10.70	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	136040	8.99	UG/L		98
63) ETHYL METHACRYLATE	5.943	69	239358	19.57	UG/L		93
64) 1,1,2-TRICHLOROETHANE	5.971	97	94792	9.95	UG/L		97
65) 2-HEXANONE	6.261	43	564280	107.75	UG/L		96
66) TETRACHLOROETHENE	6.080	166	104870	9.58	UG/L		95
67) 1,3-DICHLOROPROPANE	6.130	76	159844	10.49	UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	97540	8.52	UG/L		94
69) 1,2-DIBROMOETHANE	6.429	107	99696	9.91	UG/L		99
72) CHLOROBENZENE	6.925	112	284451	9.77	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	88044	7.90	UG/L		97
74) ETHYLBENZENE	7.056	91	536989	10.01	UG/L		100
75) M/P-XYLENES	7.179	91	844654	19.87	UG/L		97
76) 0-XYLENE	7.558	91	410610	9.91	UG/L		99
77) STYRENE	7.578	104	344036	9.94	UG/L		100
78) BROMOFORM	7.734	173	52144	6.98	UG/L	#	98
79) ISOPROPYLBENZENE	7.934	105	473342	9.99	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	37919	8.22	UG/L	#	67
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	116952	9.29	UG/L		93
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	34625	7.99	UG/L	#	73
83) BROMOBENZENE	8.188	77	213180	9.94	UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.272	75	95320	9.38	UG/L		98
85) N-PROPYLBENZENE	8.339	91	517633	10.02	UG/L		100
86) 2-CHLOROT0LUENE	8.395	91	365998	10.32	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	433762	9.82	UG/L		99
88) 4-CHLOROTOLUENE	8.506	91	414159	10.08	UG/L		96
90) TERT-BUTYLBENZENE	8.835	119	297040	9.79	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	433957	10.07	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	419236	10.12	UG/L		100
93) 1,3-DICHLOROBENZENE	9.122	146	212197	9.61	UG/L		98
94) P-ISOPROPYLTOLUENE	9.209	119	356393	9.84	UG/L		97
95) 1,4-DICHLOROBENZENE	9.217	146	239776	9.64	UG/L		97
96) N-BUTYLBENZENE	9.605	91	331956	10.47	UG/L		95
97) 1,2-DICHLOROBENZENE	9.571	146	204374	9.62	UG/L		95
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	17553	7.93	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.547	180	150548	9.98	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	120013	9.15	UG/L		97
101) HEXACHLOROBUTADIENE	11.339	225	51208	8.77	UG/L		95
102) NAPHTHALENE	11.378	128	217878	7.81	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	93160	8.53	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	521354	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	806249	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	487244	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	432918	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	328214	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
49) TOLUENE SS	5.489	98	800320	25.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.12%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	370195	25.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	259872	26.43	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	284716	28.83	UG/L		94
5) CHLOROMETHANE	0.913	50	166994	28.56	UG/L		99
6) VINYL CHLORIDE	0.960	62	260394	26.90	UG/L		98
7) BROMOMETHANE	1.097	94	139583	21.45	UG/L		95
8) CHLOROETHANE	1.141	64	129057	24.71	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	434394	24.37	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	380756	23.53	UG/L		99
12) DI ETHYL ETHER	1.387	59	158591	23.00	UG/L		98
13) ACROLEIN	1.454	56	11614	9.67	UG/L	#	24
14) ACETONE	1.529	43	457439	214.76	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	366867	25.09	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	177251	22.36	UG/L		98
17) IODOMETHANE	1.585	142	3631867	215.06	UG/L		99
20) METHYL ACETATE	1.707	43	221055	31.09	UG/L		95
21) T-BUTYL ALCOHOL	1.839	59	123160	170.35	UG/L	#	77
22) ACRYLONITRILE	1.917	53	58080	20.34	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	287978	24.91	UG/L		95
24) CARBON DISULFIDE	1.618	76	6650803	243.59	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	519499	20.18	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	349579	22.25	UG/L		99
27) 1,1-DICHLOROETHANE	2.226	63	425012	22.90	UG/L		99
28) VINYL ACETATE	2.271	43	4104811	227.27	UG/L		98
29) DI ISOPROYL ETHER	2.285	45	598248	24.02	UG/L		96
31) 2-BUTANONE	2.736	43	722732	222.85	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	673390	23.00	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.709	61	443199	23.74	UG/L		93
34) 2,2-DICHLOROPROPANE	2.703	77	285986	19.56	UG/L		99
35) ETHYL ACETATE	2.806	43	176971	22.13	UG/L	#	91
38) BROMOCHLOROMETHANE	2.940	49	182295	24.81	UG/L		86
39) TETRAHYDROFURAN	2.990	42	38144m	20.32	UG/L		
40) CHLOROFORM	3.038	83	432371	22.20	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.205	97	377333	20.36	UG/L		96
42) CYCLOHEXANE	3.252	56	337215	24.61	UG/L		93
43) CARBON TETRACHLORIDE	3.372	117	272670	17.85	UG/L		97
44) 1,1-DICHLOROPROPENE	3.383	75	316576	22.28	UG/L		97
45) BENZENE	3.593	78	861602	22.47	UG/L		98
47) T-AMYLMETHYL ETHER	3.740	73	549502	21.01	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.623	62	455910	23.63	UG/L	#	94
51) TRICHLOROETHENE	4.265	95	233564	20.97	UG/L		99
52) METHYLCYCLOHEXANE	4.435	83	250897	22.72	UG/L		93
53) 1,2-DICHLOROPROPANE	4.485	63	231416	23.62	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	152928	20.80	UG/L		97

Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

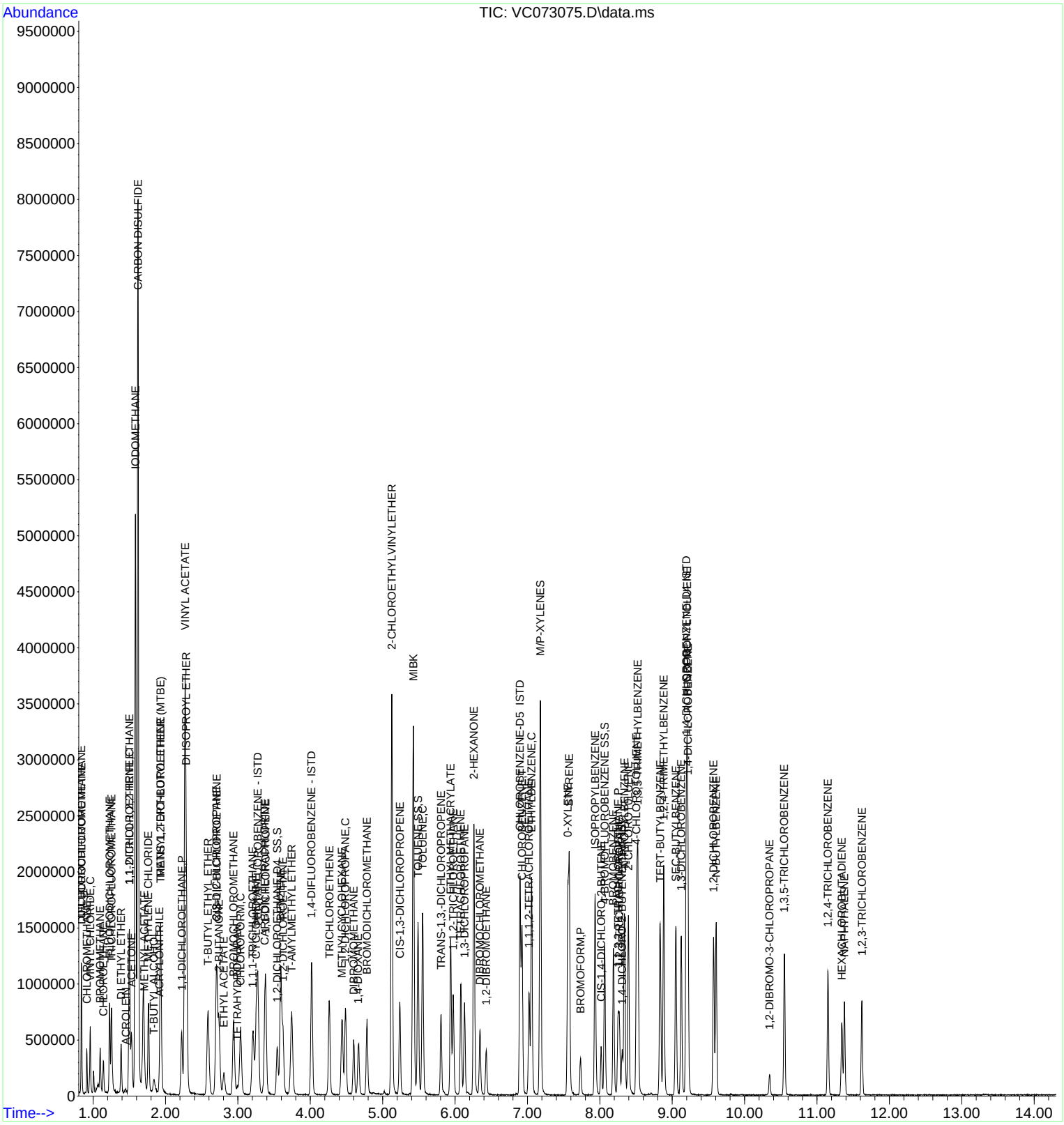
Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.661	88	11541m	161.59 UG/L	
57) BROMODICHLOROMETHANE	4.783	83	354806	22.59 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	1297601	234.44 UG/L #	100
59) MIBK	5.425	43	1726945	226.54 UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.238	75	352259	20.78 UG/L	99
61) TOLUENE	5.553	91	939044	22.27 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	301590	20.43 UG/L	97
63) ETHYL METHACRYLATE	5.938	69	521452	43.70 UG/L	95
64) 1,1,2-TRICHLOROETHANE	5.974	97	200201	21.55 UG/L	98
65) 2-HEXANONE	6.261	43	1187590	232.48 UG/L	98
66) TETRACHLOROETHENE	6.077	166	224154	20.99 UG/L	96
67) 1,3-DICHLOROPROPANE	6.130	76	332597	22.38 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	240059	21.51 UG/L	98
69) 1,2-DIBROMOETHANE	6.431	107	207692	21.17 UG/L	96
72) CHLOROBENZENE	6.925	112	592518	20.13 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	198257	17.60 UG/L	99
74) ETHYLBENZENE	7.056	91	1123025	20.71 UG/L	100
75) M/P-XYLENES	7.179	91	1779973	41.42 UG/L	98
76) 0-XYLENE	7.558	91	872871	20.84 UG/L	98
77) STYRENE	7.578	104	735011	21.00 UG/L	97
78) BROMOFORM	7.734	173	122169	14.72 UG/L #	38
79) ISOPROPYLBENZENE	7.934	105	986892	20.61 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	82742	17.75 UG/L #	74
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	240179	18.87 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	78924	18.01 UG/L	85
83) BROMOBENZENE	8.185	77	452190	20.85 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	204498	19.92 UG/L	99
85) N-PROPYLBENZENE	8.342	91	1107197	21.21 UG/L	99
86) 2-CHLOROT0LUENE	8.395	91	746288	20.82 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	938947	21.03 UG/L	99
88) 4-CHLOROTOLUENE	8.506	91	878773	21.15 UG/L	99
90) TERT-BUTYLBENZENE	8.835	119	614933	19.79 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	950745	21.52 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	897006	21.12 UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	449895	19.88 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	746321	20.10 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	515912	20.24 UG/L	99
96) N-BUTYLBENZENE	9.608	91	692746	21.33 UG/L	96
97) 1,2-DICHLOROBENZENE	9.571	146	444590	20.43 UG/L	100
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	37784	16.65 UG/L	96
99) 1,3,5-TRICHLOROBENZENE	10.547	180	320011	20.70 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	261486	19.46 UG/L	100
101) HEXACHLOROBUTADIENE	11.345	225	105994	17.71 UG/L	97
102) NAPHTHALENE	11.378	128	476682	16.67 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	211131	18.86 UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	542229	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	860781	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	508291	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	456132	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	354044	25.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.44%				
49) TOLUENE SS	5.492	98	845222	25.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.00%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	381072	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	670435	64.77	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	722683	70.36	UG/L		97
5) CHLOROMETHANE	0.913	50	420842	69.21	UG/L		99
6) VINYL CHLORIDE	0.960	62	647729	64.33	UG/L		100
7) BROMOMETHANE	1.100	94	368250	54.40	UG/L		99
8) CHLOROETHANE	1.144	64	319669	58.84	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	1090136	58.79	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.256	101	982993	58.41	UG/L		99
12) DI ETHYL ETHER	1.387	59	404638	56.43	UG/L		98
13) ACROLEIN	1.454	56	34309m	27.46	UG/L		
14) ACETONE	1.532	43	1119216	505.23	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	920864	60.55	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	473549	57.44	UG/L		97
17) IODOMETHANE	1.585	142	9495371	530.31	UG/L		98
20) METHYL ACETATE	1.707	43	476057	66.33	UG/L		96
21) T-BUTYL ALCOHOL	1.841	59	310876	413.44	UG/L	#	96
22) ACRYLONITRILE	1.919	53	145107	48.86	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	692561	57.60	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.933	73	1280923	47.84	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	884291	54.11	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	1079135	55.90	UG/L		99
28) VINYL ACETATE	2.271	43	10241507	545.22	UG/L		97
29) DI ISOPROYL ETHER	2.285	45	1487510	57.43	UG/L		95
31) 2-BUTANONE	2.736	43	1765258	523.35	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	1676280	55.06	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	1107431	57.04	UG/L		95
34) 2,2-DICHLOROPROPANE	2.706	77	749325	49.28	UG/L		100
35) ETHYL ACETATE	2.806	43	455181	54.72	UG/L		94
38) BROMOCHLOROMETHANE	2.940	49	467991	61.25	UG/L		85
39) TETRAHYDROFURAN	2.993	42	93529m	47.91	UG/L		
40) CHLOROFORM	3.040	83	1112822	54.93	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	994502	51.61	UG/L		97
42) CYCLOHEXANE	3.252	56	853281	59.88	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	761990	47.96	UG/L		99
44) 1,1-DICHLOROPROPENE	3.383	75	817471	55.31	UG/L		97
45) BENZENE	3.593	78	2159916	54.17	UG/L		98
47) T-AMYLMETHYL ETHER	3.743	73	1380790	50.76	UG/L	#	93
50) 1,2-DICHLOROETHANE	3.620	62	1151136	55.88	UG/L	#	94
51) TRICHLOROETHENE	4.259	95	615286	51.74	UG/L		96
52) METHYLCYCLOHEXANE	4.438	83	663100	56.24	UG/L		95
53) 1,2-DICHLOROPROPANE	4.488	63	564279	53.95	UG/L		98
54) DIBROMOMETHANE	4.602	93	397716	50.68	UG/L		97
56) 1,4-DIOXANE	4.652	88	27284	357.82	UG/L		91

Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

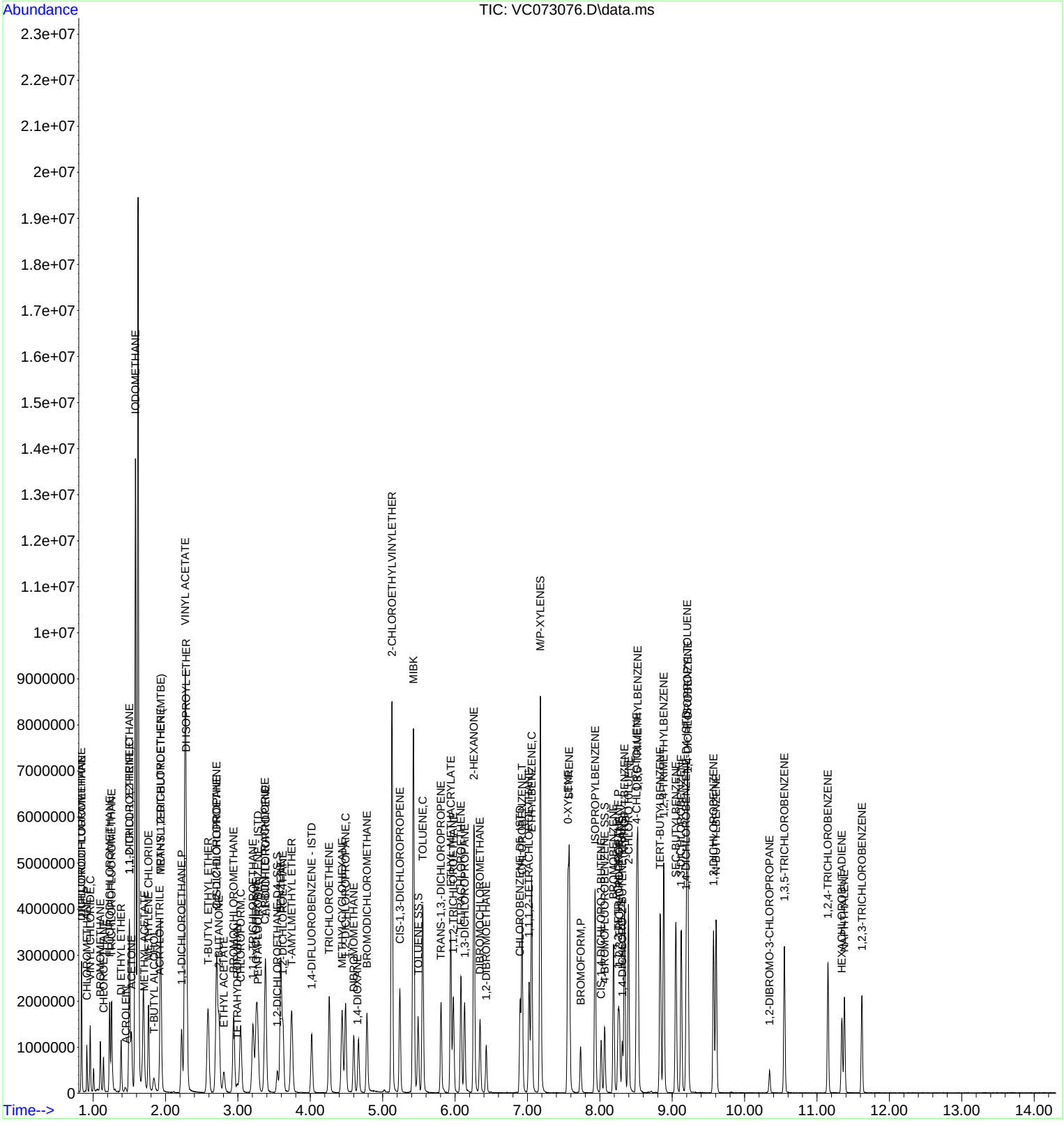
Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.783	83	927628	55.32	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.129	63	3233462	547.19	UG/L	#	100
59) MIBK	5.425	43	4206560	516.86	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.238	75	959595	53.03	UG/L		99
61) TOLUENE	5.553	91	2409363	53.51	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	830700	52.71	UG/L		98
63) ETHYL METHACRYLATE	5.941	69	1362250	106.94	UG/L		95
64) 1,1,2-TRICHLOROETHANE	5.974	97	496621	50.07	UG/L		99
65) 2-HEXANONE	6.261	43	2912957	534.12	UG/L		98
66) TETRACHLOROETHENE	6.080	166	585723	51.38	UG/L		98
67) 1,3-DICHLOROPROPANE	6.133	76	851162	53.64	UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	649160	54.48	UG/L		96
69) 1,2-DIBROMOETHANE	6.431	107	526107	50.23	UG/L		100
72) CHLOROBENZENE	6.925	112	1506100	49.06	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	528837	45.00	UG/L		98
74) ETHYLBENZENE	7.059	91	2801543	49.52	UG/L		99
75) M/P-XYLENES	7.179	91	4396147	98.06	UG/L		99
76) 0-XYLENE	7.561	91	2192231	50.18	UG/L		99
77) STYRENE	7.578	104	1868455	51.18	UG/L		100
78) BROMOFORM	7.736	173	351382	38.67	UG/L		99
79) ISOPROPYLBENZENE	7.934	105	2469989	49.44	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	227406	46.77	UG/L	#	78
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	592198	44.59	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	223697	48.93	UG/L	#	84
83) BROMOBENZENE	8.188	77	1124645	49.72	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	505996	47.24	UG/L		99
85) N-PROPYLBENZENE	8.342	91	2777818	51.01	UG/L		98
86) 2-CHLOROT0LUENE	8.397	91	1863099	49.82	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	2344143	50.34	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	2217693	51.17	UG/L		99
90) TERT-BUTYLBENZENE	8.832	119	1576937	48.16	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	2347126	50.43	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	2227595	49.79	UG/L		100
93) 1,3-DICHLOROBENZENE	9.122	146	1133004	47.51	UG/L		98
94) P-ISOPROPYLTOLUENE	9.206	119	1879598	48.06	UG/L		99
95) 1,4-DICHLOROBENZENE	9.217	146	1231924	45.88	UG/L		99
96) N-BUTYLBENZENE	9.605	91	1761282	51.47	UG/L		97
97) 1,2-DICHLOROBENZENE	9.571	146	1092434	47.64	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	100805	42.17	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	808441	49.63	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.153	180	664216	46.92	UG/L		98
101) HEXACHLOROBUTADIENE	11.345	225	276955	43.92	UG/L		99
102) NAPHTHALENE	11.378	128	1230447	40.83	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	509149	43.16	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	557166	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	879363	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	522230	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	478535	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	374053	26.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.36%				
49) TOLUENE SS	5.492	98	865100	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	402284	25.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	1191212	111.60	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	1392071	131.89	UG/L		95
5) CHLOROMETHANE	0.913	50	872533	139.65	UG/L		100
6) VINYL CHLORIDE	0.960	62	1287373	124.42	UG/L		99
7) BROMOMETHANE	1.097	94	783110	112.57	UG/L		95
8) CHLOROETHANE	1.141	64	617574	110.63	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	2137788	112.21	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	1907877	110.33	UG/L		100
12) DI ETHYL ETHER	1.387	59	831900	112.91	UG/L		98
13) ACROLEIN	1.454	56	53890m	41.98	UG/L		
14) ACETONE	1.529	43	2413012	1060.06	UG/L		97
15) 1,1-DICHLOROETHENE	1.501	61	1846576	118.17	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	895172	105.67	UG/L		98
20) METHYL ACETATE	1.707	43	976739	134.25	UG/L		97
21) T-BUTYL ALCOHOL	1.841	59	731767	947.11	UG/L	#	96
22) ACRYLONITRILE	1.919	53	321021	105.20	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	1385283	112.12	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.933	73	2784280	101.20	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.930	61	1774066	105.65	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	2167799	109.27	UG/L		98
29) DI ISOPROYL ETHER	2.285	45	3026434	113.71	UG/L		97
31) 2-BUTANONE	2.739	43	3935616	1135.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	3612800	115.49	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	2246321	112.59	UG/L		95
34) 2,2-DICHLOROPROPANE	2.703	77	1640308	104.98	UG/L		97
35) ETHYL ACETATE	2.806	43	981377	114.82	UG/L		96
38) BROMOCHLOROMETHANE	2.940	49	956100	121.77	UG/L		85
39) TETRAHYDROFURAN	2.993	42	215235	107.30	UG/L		86
40) CHLOROFORM	3.038	83	2270193	109.06	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.210	97	2081022	105.09	UG/L		97
42) CYCLOHEXANE	3.255	56	1653962	112.96	UG/L		93
43) CARBON TETRACHLORIDE	3.378	117	1638737	100.38	UG/L		99
44) 1,1-DICHLOROPROPENE	3.383	75	1638167	107.87	UG/L		97
45) BENZENE	3.593	78	4410219	107.64	UG/L		98
47) T-AMYLMETHYL ETHER	3.743	73	2927603	104.73	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.623	62	2349421	111.64	UG/L	#	93
51) TRICHLOROETHENE	4.262	95	1228103	101.10	UG/L		96
52) METHYLCYCLOHEXANE	4.440	83	1300974	108.00	UG/L		95
53) 1,2-DICHLOROPROPANE	4.490	63	1180128	110.46	UG/L		98
54) DIBROMOMETHANE	4.599	93	824596	102.85	UG/L		97
56) 1,4-DIOXANE	4.652	88	61605m	790.86	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	1946906	113.65	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.132	63	6802031	1126.77	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

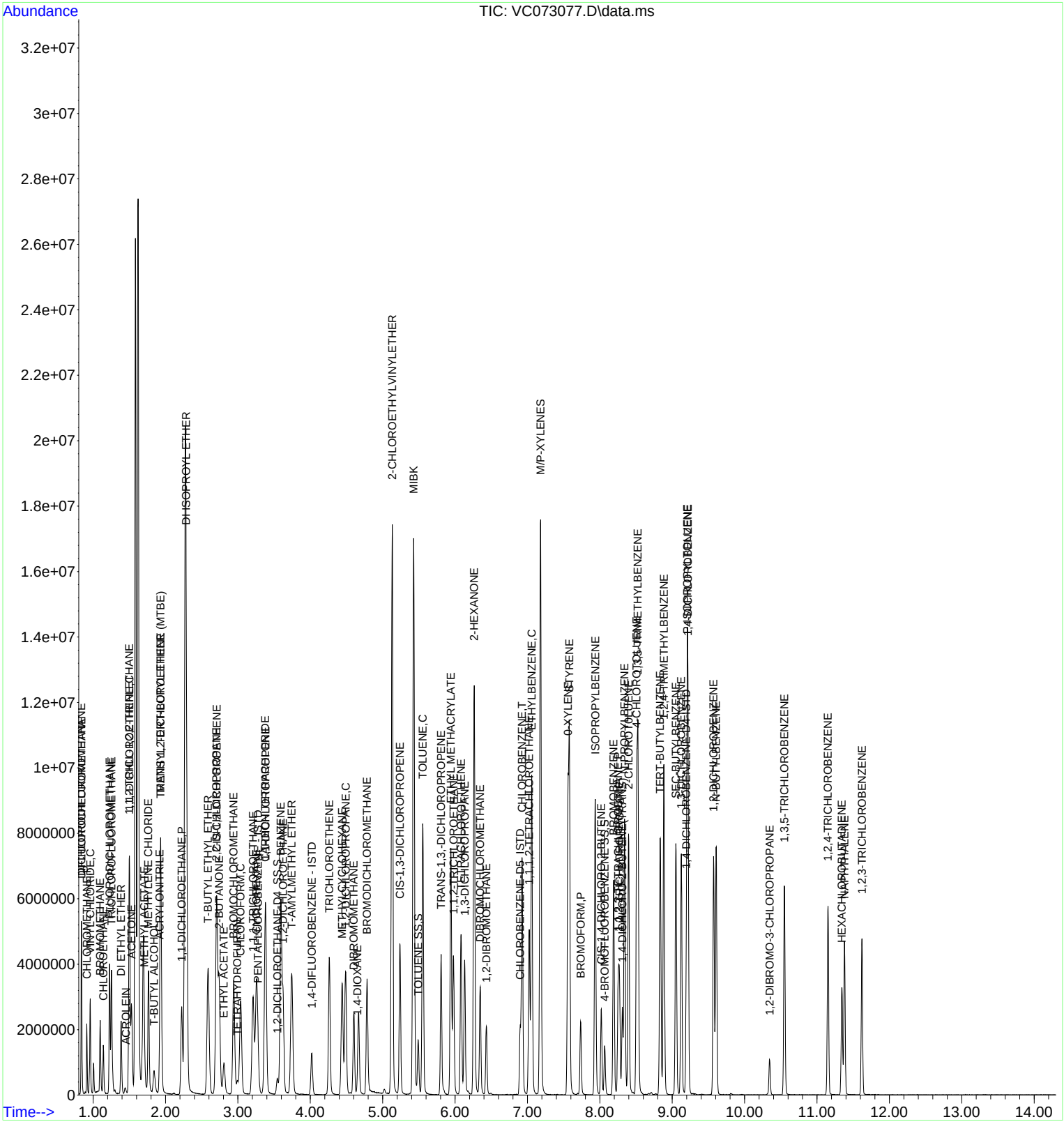
Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) MIBK	5.427	43	9033594	1086.51	UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	2014199	108.95	UG/L	99
61) TOLUENE	5.553	91	4881500	106.13	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	1788898	111.12	UG/L	97
63) ETHYL METHACRYLATE	5.943	69	2925114	224.78	UG/L	95
64) 1,1,2-TRICHLOROETHANE	5.980	97	1030753	101.72	UG/L	99
65) 2-HEXANONE	6.264	43	6367166	1142.81	UG/L	98
66) TETRACHLOROETHENE	6.083	166	1177129	101.08	UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	1747316	107.79	UG/L	99
68) DIBROMOCHLOROMETHANE	6.348	129	1373655	112.84	UG/L	99
69) 1,2-DIBROMOETHANE	6.434	107	1090766	101.94	UG/L	99
72) CHLOROBENZENE	6.925	112	3027398	95.98	UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	1147635	95.05	UG/L	99
74) ETHYLBENZENE	7.059	91	5641152	97.04	UG/L	100
75) M/P-XYLENES	7.181	91	8883867	192.87	UG/L	99
76) 0-XYLENE	7.561	91	4402463	98.08	UG/L	100
77) STYRENE	7.580	104	3820769	101.86	UG/L	100
78) BROMOFORM	7.736	173	801853	84.55	UG/L	99
79) ISOPROPYLBENZENE	7.937	105	4990941	97.23	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	496648	99.41	UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	1262158	92.50	UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	508243	108.21	UG/L	88
83) BROMOBENZENE	8.191	77	2282400	98.21	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.272	75	1093773	99.39	UG/L	98
85) N-PROPYLBENZENE	8.342	91	5613469	100.34	UG/L	98
86) 2-CHLOROT0LUENE	8.397	91	3759779	97.85	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	4718498	98.62	UG/L	99
88) 4-CHLOROTOLUENE	8.509	91	4439277	99.70	UG/L	99
90) TERT-BUTYLBENZENE	8.832	119	3133330	91.21	UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	4797391	98.25	UG/L	100
92) SEC-BUTYLBENZENE	9.050	105	4521336	96.32	UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	2331107	93.17	UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	3808465	92.81	UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	2571149	91.27	UG/L	100
96) N-BUTYLBENZENE	9.608	91	3559789	99.16	UG/L	97
97) 1,2-DICHLOROBENZENE	9.571	146	2239910	93.10	UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	240464	95.87	UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.550	180	1652024	96.68	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	1450255	97.64	UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	549447	83.06	UG/L	98
102) NAPHTHALENE	11.381	128	2826191	89.40	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	1145991	92.59	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	574675	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	910388	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	541898	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	495005	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	374712	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
49) TOLUENE SS	5.495	98	886360	25.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.16%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	412240	25.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	2340991	212.16	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	2874629	264.05	UG/L		94
5) CHLOROMETHANE	0.913	50	1975483	306.53	UG/L		99
6) VINYL CHLORIDE	0.960	62	2733044	256.10	UG/L		99
7) BROMOMETHANE	1.094	94	1338695	186.56	UG/L		97
8) CHLOROETHANE	1.139	64	1261727	219.14	UG/L		96
9) FLUORODICHLOROMETHANE	1.225	67	4531614	230.61	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	4013320	225.01	UG/L		99
12) DI ETHYL ETHER	1.387	59	1706238	224.53	UG/L		97
13) ACROLEIN	1.454	56	123537m	93.30	UG/L		
14) ACETONE	1.532	43	4904777	2089.08	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	3948832	245.00	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	1915147	219.19	UG/L		99
20) METHYL ACETATE	1.708	43	2129821	285.83	UG/L		96
21) T-BUTYL ALCOHOL	1.861	59	1483293	1861.31	UG/L	#	97
22) ACRYLONITRILE	1.922	53	622672	197.83	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	2896296	227.27	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.936	73	5725008	201.74	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	3779248	218.21	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	4666222	228.05	UG/L		99
29) DI ISOPROYL ETHER	2.288	45	6289525	229.12	UG/L		98
31) 2-BUTANONE	2.745	43	7664494	2144.02	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	7441232	230.62	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	4747894	230.73	UG/L		95
34) 2,2-DICHLOROPROPANE	2.703	77	3634279	225.51	UG/L		98
35) ETHYL ACETATE	2.812	43	2018305	228.94	UG/L		97
38) BROMOCHLOROMETHANE	2.940	49	1911762	236.07	UG/L		86
39) TETRAHYDROFURAN	2.993	42	427096	206.42	UG/L		94
40) CHLOROFORM	3.038	83	4771677	222.24	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.211	97	4499321	220.30	UG/L		97
42) CYCLOHEXANE	3.255	56	3565353	236.09	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	3712069	220.44	UG/L		98
44) 1,1-DICHLOROPROPENE	3.384	75	3532241	225.49	UG/L		97
45) BENZENE	3.593	78	9364660	221.60	UG/L		99
47) T-AMYLMETHYL ETHER	3.746	73	6013611	208.58	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.623	62	4857974	222.98	UG/L	#	93
51) TRICHLOROETHENE	4.262	95	2640143	209.93	UG/L		98
52) METHYLCYCLOHEXANE	4.440	83	2865730	229.79	UG/L		95
53) 1,2-DICHLOROPROPANE	4.488	63	2523716	228.16	UG/L		97
54) DIBROMOMETHANE	4.602	93	1702600	205.13	UG/L		98
56) 1,4-DIOXANE	4.661	88	130229m	1614.85	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	4204120	237.04	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.140	63	13595287	2175.34	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

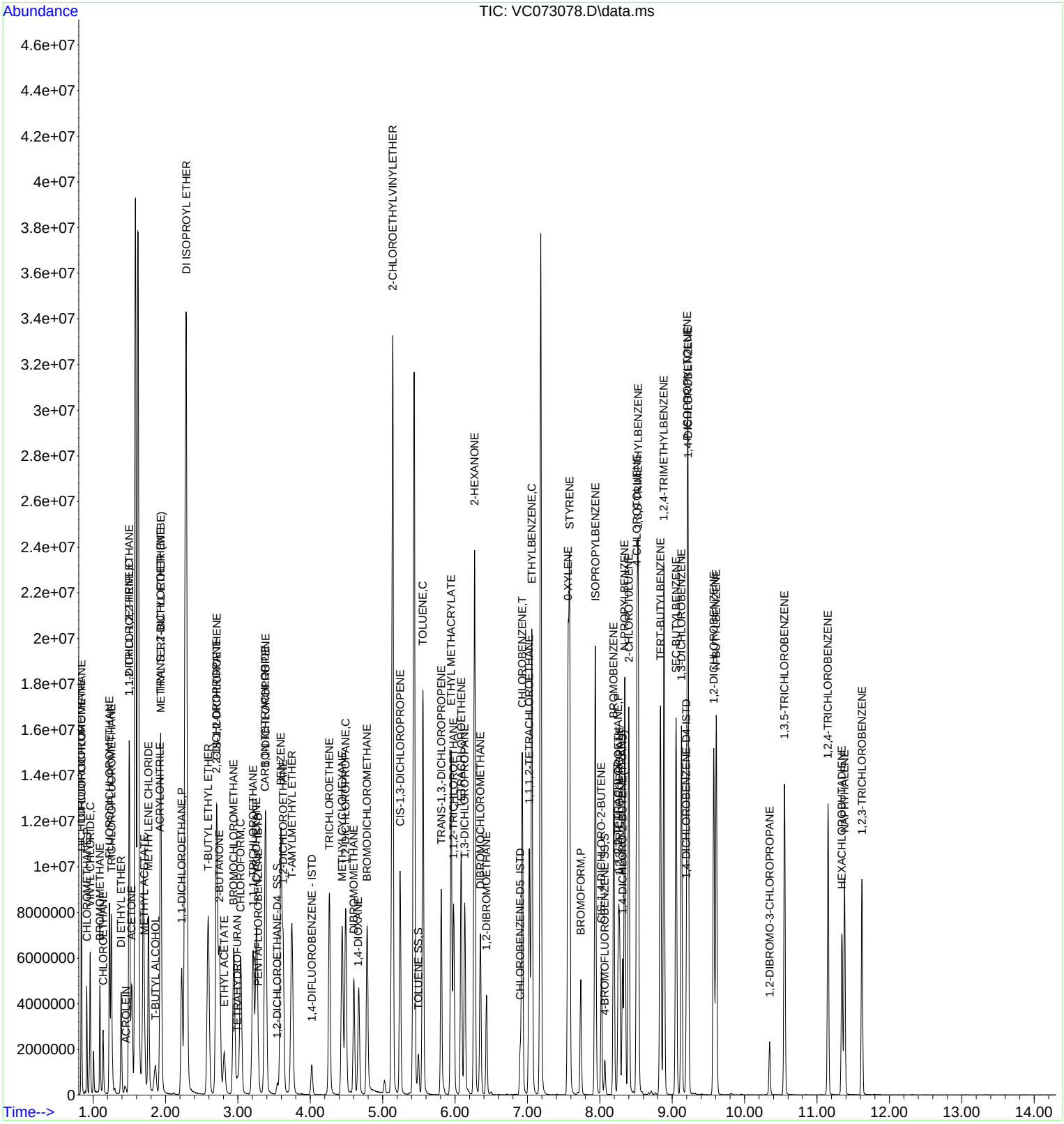
Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	4369188	228.28	UG/L	99
61)	TOLUENE	5.556	91	10354953	217.46	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.810	75	3840759	230.44	UG/L	98
63)	ETHYL METHACRYLATE	5.946	69	5799571	430.48	UG/L	95
64)	1,1,2-TRICHLOROETHANE	5.980	97	2134374	203.46	UG/L	98
65)	2-HEXANONE	6.270	43	12268259	2126.92	UG/L	99
66)	TETRACHLOROETHENE	6.086	166	2542296	210.86	UG/L	99
67)	1,3-DICHLOROPROPANE	6.133	76	3639661	216.88	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.351	129	2978081	236.31	UG/L	100
69)	1,2-DIBROMOETHANE	6.434	107	2251762	203.26	UG/L	98
72)	CHLOROBENZENE	6.928	112	6441436	196.80	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.025	131	2498699	199.43	UG/L	98
74)	ETHYLBENZENE	7.059	91	11982880	198.66	UG/L	99
76)	0-XYLENE	7.561	91	9549175	205.01	UG/L	99
77)	STYRENE	7.583	104	8154324	209.50	UG/L	100
78)	BROMOFORM	7.737	173	1751779	176.79	UG/L	100
79)	ISOPROPYLBENZENE	7.937	105	10750271	201.82	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.021	53	1047928	202.15	UG/L	89
81)	1,1,2,2-TETRACHLOROETHANE	8.255	83	2551724	180.22	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.314	53	1092989	224.27	UG/L	91
83)	BROMOBENZENE	8.191	77	4844522	200.89	UG/L	96
84)	1,2,3-TRICHLOROPROPANE	8.272	75	2174363	190.41	UG/L	98
85)	N-PROPYLBENZENE	8.342	91	12029847	207.22	UG/L	99
86)	2-CHLOROT0LUENE	8.400	91	8042336	201.72	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.531	105	10125654	203.96	UG/L	100
88)	4-CHLOROTOLUENE	8.512	91	9501068	205.63	UG/L	100
90)	TERT-BUTYLBENZENE	8.838	119	6866069	193.21	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.886	105	10190454	201.76	UG/L	99
92)	SEC-BUTYLBENZENE	9.053	105	9839798	202.65	UG/L	100
93)	1,3-DICHLOROBENZENE	9.128	146	4987718	192.72	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.209	119	8245207	194.25	UG/L	99
95)	1,4-DICHLOROBENZENE	9.220	146	5455814	187.22	UG/L	99
96)	N-BUTYLBENZENE	9.608	91	7669395	206.52	UG/L	97
97)	1,2-DICHLOROBENZENE	9.574	146	4752104	190.95	UG/L	97
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	491697	189.52	UG/L	99
99)	1,3,5-TRICHLOROBENZENE	10.550	180	3528215	199.60	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	2999267	195.21	UG/L	100
101)	HEXACHLOROBUTADIENE	11.345	225	1223904	178.85	UG/L	97
102)	NAPHTHALENE	11.381	128	5625725	172.03	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.621	180	2322625	181.41	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	543752	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	864827	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	507024	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	457806	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	348333	24.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.64%				
49) TOLUENE SS	5.486	98	836453	24.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	382072	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	133580	9.59	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	159327	10.91	UG/L		100
5) CHLOROMETHANE	0.913	50	105371	11.71	UG/L		98
6) VINYL CHLORIDE	0.960	62	127206	9.84	UG/L		98
7) BROMOMETHANE	1.103	94	65269	8.27	UG/L		100
8) CHLOROETHANE	1.144	64	72895	11.31	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	245019	11.21	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	198111	10.27	UG/L		97
12) DI ETHYL ETHER	1.387	59	86262	10.51	UG/L		98
13) ACROLEIN	1.454	56	91710	1587.13	UG/L	#	1
14) ACETONE	1.526	43	330516	138.94	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	211789	11.18	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.504	101	106168	11.32	UG/L		97
17) IODOMETHANE	1.585	142	457716	29.43	UG/L		98
18) ACETONITRILE	1.696	41	217276	101.88	UG/L		95
19) ALLYL CHLORIDE	1.694	76	63211m	9.76	UG/L		
20) METHYL ACETATE	1.705	43	102591	8.99	UG/L		100
21) T-BUTYL ALCOHOL	1.830	59	60526	90.94	UG/L	#	76
22) ACRYLONITRILE	1.920	53	30147	9.95	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	166355	11.28	UG/L		98
24) CARBON DISULFIDE	1.621	76	703934	21.90	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	293334	11.40	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.928	61	200707	11.27	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	259959	12.45	UG/L		98
28) VINYL ACETATE	2.268	43	1520462	83.55	UG/L		97
29) DI ISOPROYL ETHER	2.288	45	350913	11.92	UG/L		95
30) CHLOROPRENE	2.288	53	241601	11.19	UG/L		96
31) 2-BUTANONE	2.739	43	372710	103.85	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.586	59	375680	11.40	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.706	61	252347	11.60	UG/L		98
34) 2,2-DICHLOROPROPANE	2.703	77	153392	10.70	UG/L		100
35) ETHYL ACETATE	2.809	43	76556	7.89	UG/L	#	94
36) PROPIONITRILE	2.790	54	10728	9.30	UG/L	#	87
37) METHACRYLONITRILE	2.946	41	50081	9.27	UG/L	#	70
38) BROMOCHLOROMETHANE	2.935	49	106503	11.40	UG/L		96
39) TETRAHYDROFURAN	2.990	42	20367	10.18	UG/L	#	69
40) CHLOROFORM	3.038	83	262879	12.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.211	97	223145	11.63	UG/L		98
42) CYCLOHEXANE	3.250	56	197640m	11.46	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	160542	11.30	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	190143	11.46	UG/L	#	84
45) BENZENE	3.593	78	510658	12.01	UG/L		100
46) ISOBUTANOL	3.738	41	35767	90.94	UG/L	#	94

Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

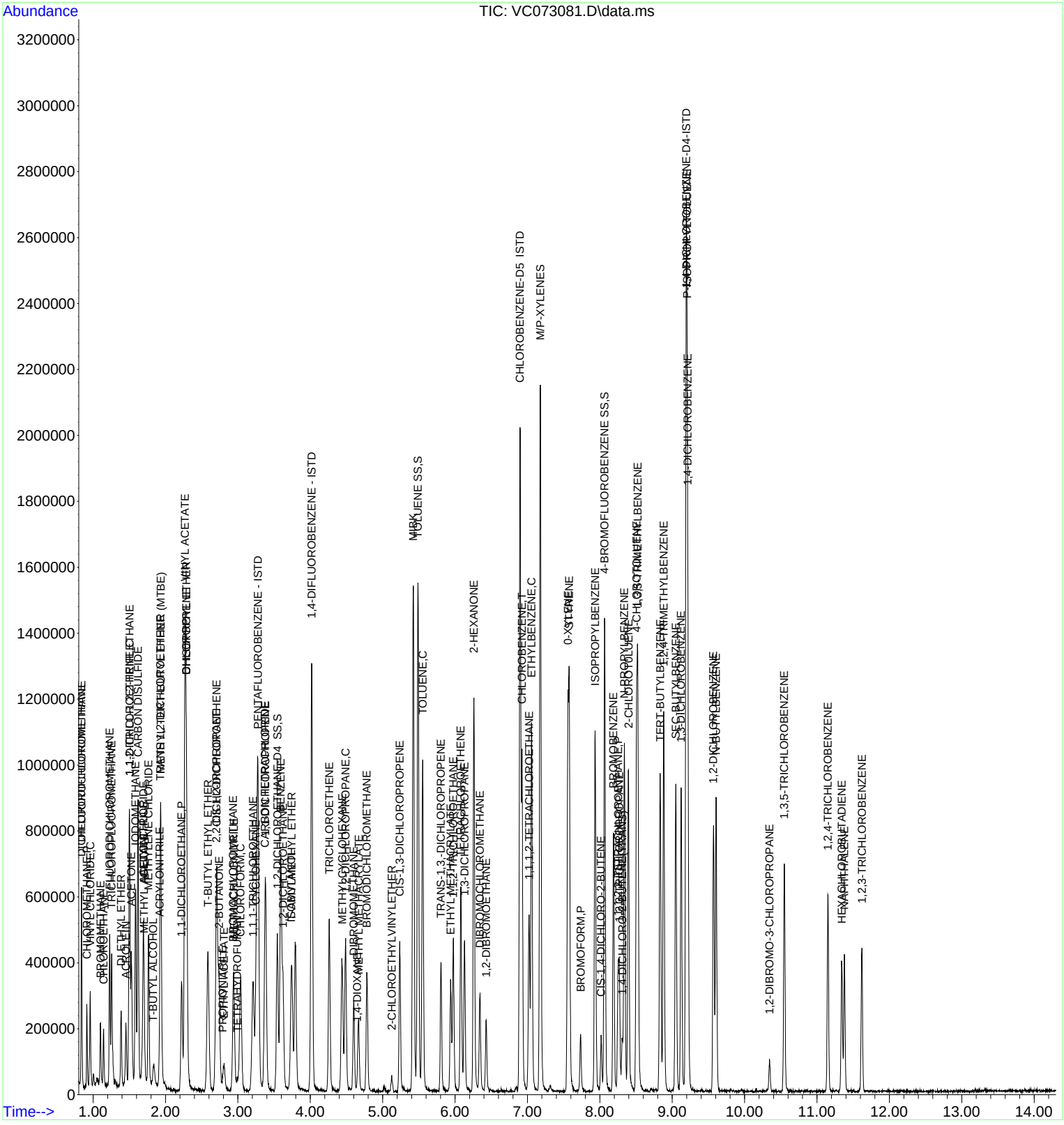
Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
47) T-AMYLMETHYL ETHER	3.741	73	295425	11.17 UG/L	99
50) 1,2-DICHLOROETHANE	3.623	62	254092	10.93 UG/L	100
51) TRICHLOROETHENE	4.262	95	142030	11.20 UG/L	99
52) METHYLCYCLOHEXANE	4.443	83	148903	11.07 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	128801	11.13 UG/L #	99
54) DIBROMOMETHANE	4.599	93	87237	10.45 UG/L	97
55) METHYL METHACRYLATE	4.669	41	84922	9.22 UG/L #	86
56) 1,4-DIOXANE	4.650	88	4902m	77.56 UG/L	
57) BROMODICHLOROMETHANE	4.781	83	185690	10.65 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.127	63	15918	2.57 UG/L	87
59) MIBK	5.422	43	811164	96.94 UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.235	75	192405	11.17 UG/L	100
61) TOLUENE	5.553	91	573860	11.72 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	170052	12.45 UG/L	98
63) ETHYL METHACRYLATE	5.938	69	128059	5.25 UG/L	99
64) 1,1,2-TRICHLOROETHANE	5.974	97	107986	10.78 UG/L	99
65) 2-HEXANONE	6.261	43	592441	103.54 UG/L	98
66) TETRACHLOROETHENE	6.077	166	136503	11.37 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	189189	10.83 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	117393	10.70 UG/L	98
69) 1,2-DIBROMOETHANE	6.432	107	110429	10.42 UG/L	99
72) CHLOROBENZENE	6.925	112	366712	12.09 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.026	131	112636	11.82 UG/L	99
74) ETHYLBENZENE	7.056	91	667700	12.14 UG/L	96
75) M/P-XYLENES	7.179	91	1084979	24.88 UG/L	97
76) 0-XYLENE	7.561	91	551573	12.96 UG/L	99
77) STYRENE	7.578	104	442511	12.78 UG/L	99
78) BROMOFORM	7.737	173	58409	10.23 UG/L	96
79) ISOPROPYLBENZENE	7.935	105	607308	12.76 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.016	53	33263	7.94 UG/L #	80
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	123746	10.43 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	28241	7.58 UG/L	97
83) BROMOBENZENE	8.188	77	269804	11.89 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109668	10.35 UG/L	98
85) N-PROPYLBENZENE	8.339	91	682406	12.86 UG/L	99
86) 2-CHLOROT0LUENE	8.398	91	472091	12.89 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	532792	11.92 UG/L	97
88) 4-CHLOROTOLUENE	8.509	91	561051	13.01 UG/L	100
90) TERT-BUTYLBENZENE	8.835	119	383462	12.25 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	553603	12.09 UG/L	98
92) SEC-BUTYLBENZENE	9.050	105	553570	12.63 UG/L	99
93) 1,3-DICHLOROBENZENE	9.123	146	275987	12.28 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	456223	12.33 UG/L	99
95) 1,4-DICHLOROBENZENE	9.215	146	287751	11.13 UG/L	97
96) N-BUTYLBENZENE	9.608	91	400160	11.95 UG/L	100
97) 1,2-DICHLOROBENZENE	9.569	146	260771	11.66 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	17882	8.69 UG/L	96
99) 1,3,5-TRICHLOROBENZENE	10.548	180	173104	10.94 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	145573	11.75 UG/L	100
101) HEXACHLOROBUTADIENE	11.345	225	66006	11.69 UG/L	99
102) NAPHTHALENE	11.379	128	226439	9.34 UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	106668	11.28 UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC080002.D	Calibration Date:	03/13/12 11:56
Sequence:	S002001	Injection Date:	03/20/12
Lab Sample ID:	S002001-CCV1	Injection Time:	05:55

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	101	0.1312442	0.131939		0.5	20	
Acrylonitrile	A	10.0	10.5	0.1671041	0.1750708		4.8	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.43	1.458936	1.375414		-5.7	20	
Benzene	A	10.0	9.29	2.344975	2.177328		-7.1	20	
Bromobenzene	A	10.0	9.05	1.343039	1.215471		-9.5	20	
Bromochloromethane	A	10.0	7.62	0.5155469	0.3926052		-23.8	20	*
Bromodichloromethane	A	10.0	9.73	0.6050761	0.5888195		-2.7	20	
Bromoform	A	10.0	11.9	0.3378134	0.4010871		18.7	20	
Bromomethane	L	10.0	11.6	0.5706374	0.4993322		16.1	20	
2-Butanone (MEK)	A	100	100	0.1980164	0.1988885		0.4	20	
tert-Butyl Alcohol (TBA)	A	100	132	3.671922E-02	4.844042E-02		31.9	20	*
n-Butylbenzene	A	10.0	9.64	2.194198	2.114754		-3.6	20	
sec-Butylbenzene	A	10.0	9.70	2.872938	2.786017		-3.0	20	
tert-Butylbenzene	A	10.0	9.05	2.050992	1.85617		-9.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.90	1.818026	1.617635		-11.0	20	
Carbon Disulfide	A	100	91.4	1.773019	1.61991		-8.6	20	
Carbon Tetrachloride	A	10.0	9.16	0.7835357	0.7178879		-8.4	20	
Chlorobenzene	A	10.0	9.05	1.795275	1.624688		-9.5	20	
Chlorodibromomethane	A	10.0	10.8	0.3805682	0.4094681		7.6	20	
Chloroethane	A	10.0	8.87	0.3555727	0.3152888		-11.3	20	
Chloroform	A	10.0	9.58	1.177089	1.128087		-4.2	20	
Chloromethane	A	10.0	6.70	0.4963028	0.3327676		-33.0	20	*
2-Chlorotoluene	A	10.0	9.46	2.167767	2.05032		-5.4	20	
4-Chlorotoluene	A	10.0	9.36	2.552209	2.388123		-6.4	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC080002.D	Calibration Date:	03/13/12 11:56
Sequence:	S002001	Injection Date:	03/20/12
Lab Sample ID:	S002001-CCV1	Injection Time:	05:55

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	10.8	0.134898	0.1457847		8.1	20	
1,2-Dibromoethane (EDB)	A	10.0	9.96	0.3676618	0.3660815		-0.4	20	
Dibromomethane	A	10.0	9.22	0.2895729	0.2670034		-7.8	20	
1,2-Dichlorobenzene	A	10.0	9.00	1.465509	1.319367		-10.0	20	
1,3-Dichlorobenzene	A	10.0	9.32	1.47242	1.371965		-6.8	20	
1,4-Dichlorobenzene	A	10.0	8.94	1.694569	1.514231		-10.6	20	
trans-1,4-Dichloro-2-butene	A	10.0	9.96	0.2205607	0.2195749		-0.4	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	7.54	0.7686834	0.5798803		-24.6	20	*
1,1-Dichloroethane	A	10.0	9.09	1.151691	1.046465		-9.1	20	
1,2-Dichloroethane	A	10.0	8.95	0.8061554	0.7212523		-10.5	20	
1,1-Dichloroethylene	A	10.0	8.32	1.045603	0.8703835		-16.8	20	
cis-1,2-Dichloroethylene	A	10.0	8.72	1.200308	1.047099		-12.8	20	
trans-1,2-Dichloroethylene	A	10.0	9.25	0.9823875	0.9082324		-7.5	20	
1,2-Dichloropropane	A	10.0	8.69	0.4015147	0.3487918		-13.1	20	
1,3-Dichloropropane	A	10.0	9.63	0.6057947	0.5832051		-3.7	20	
2,2-Dichloropropane	A	10.0	9.62	0.7905937	0.7604875		-3.8	20	
1,1-Dichloropropene	A	10.0	8.97	0.9154456	0.8212993		-10.3	20	
cis-1,3-Dichloropropene	A	10.0	9.92	0.5975082	0.592521		-0.8	20	
trans-1,3-Dichloropropene	A	10.0	11.2	0.4739455	0.5293816		11.7	20	
Diethyl Ether	A	10.0	8.68	0.4528029	0.3929718		-13.2	20	
Diisopropyl Ether (DIPE)	A	10.0	8.47	1.624756	1.375446		-15.3	20	
1,4-Dioxane	A	100	126	2.192451E-03	2.760875E-03		25.9	20	*
Ethylbenzene	A	10.0	9.43	3.254975	3.068405		-5.7	20	
Hexachlorobutadiene	A	10.0	9.95	0.369878	0.3679488		-0.5	20	
2-Hexanone (MBK)	A	100	104	0.1984897	0.2054903		3.5	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC080002.D	Calibration Date:	03/13/12 11:56
Sequence:	S002001	Injection Date:	03/20/12
Lab Sample ID:	S002001-CCV1	Injection Time:	05:55

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	9.77	2.816489	2.751096		-2.3	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.39	2.423857	2.276094		-6.1	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.3	1.419476	1.461509		3.0	20	
Methylene Chloride	A	10.0	8.90	0.8138529	0.7247181		-11.0	20	
4-Methyl-2-pentanone (MIBK)	A	100	105	0.2902634	0.3055034		5.3	20	
Naphthalene	A	10.0	7.68	1.588673	1.219918		-23.2	20	*
n-Propylbenzene	A	10.0	9.68	3.139299	3.038342		-3.2	20	
Styrene	A	10.0	9.73	2.049215	1.993999		-2.7	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.77	0.564043	0.5512444		-2.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.7020694	0.7312033		4.1	20	
Tetrachloroethylene	A	10.0	9.91	0.4162801	0.4123636		-0.9	20	
Tetrahydrofuran	A	10.0	9.80	0.1103828	0.108225		-2.0	20	
Toluene	A	10.0	9.52	1.698635	1.61757		-4.8	20	
1,2,3-Trichlorobenzene	A	10.0	8.79	0.619622	0.5445838		-12.1	20	
1,2,4-Trichlorobenzene	A	10.0	8.68	0.8121692	0.7049711		-13.2	20	
1,3,5-Trichlorobenzene	A	10.0	8.93	1.036612	0.9256298		-10.7	20	
1,1,1-Trichloroethane	A	10.0	9.21	1.058752	0.9750101		-7.9	20	
1,1,2-Trichloroethane	A	10.0	9.53	0.3474101	0.3312358		-4.7	20	
Trichloroethylene	A	10.0	8.93	0.43992	0.3929914		-10.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.10	1.064602	0.9685518		-9.0	20	
1,2,3-Trichloropropane	A	10.0	9.93	0.6269156	0.6226021		-0.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.26	0.5175258	0.4794649		-7.4	20	
1,2,4-Trimethylbenzene	A	10.0	9.48	3.001042	2.845132		-5.2	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC080002.D	Calibration Date:	03/13/12 11:56
Sequence:	S002001	Injection Date:	03/20/12
Lab Sample ID:	S002001-CCV1	Injection Time:	05:55

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.72	2.644845	2.571421		-2.8	20
Vinyl Chloride	A	10.0	8.73	0.7129599	0.6223647		-12.7	20
m+p Xylene	A	20.0	18.8	2.580754	2.429901		-5.8	20
o-Xylene	A	10.0	9.58	2.51915	2.414283		-4.2	20
1,2-Dichloroethane-d4	A	25.0	23.4	0.7715344	0.7232316		-6.3	
Toluene-d8	A	25.0	25.1	1.185481	1.189319		0.3	
4-Bromofluorobenzene	A	25.0	24.7	0.9054911	0.8949153		-1.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080002.D
Acq On : 20 Mar 2012 5:55 am
Operator :
Sample : S002001-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 09:43:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	572751	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	867225	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	527287	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	472313	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	345193	23.43	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.72%				
49) TOLUENE SS	5.489	98	859506	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	393231	24.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	110709	7.54	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	117606	7.65	UG/L		96
5) CHLOROMETHANE	0.913	50	63531	6.70	UG/L		99
6) VINYL CHLORIDE	0.957	62	118820	8.73	UG/L		99
7) BROMOMETHANE	1.097	94	95331	11.61	UG/L		100
8) CHLOROETHANE	1.141	64	60194	8.87	UG/L		98
9) FLUORODICHLOROMETHANE	1.225	67	201822	8.76	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.253	101	184913	9.10	UG/L		100
12) DI ETHYL ETHER	1.387	59	75025	8.68	UG/L		97
13) ACROLEIN	1.451	56	6070	84.99	UG/L	#	1
14) ACETONE	1.532	43	251894	100.53	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	166171	8.32	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	91538	9.26	UG/L		98
17) IODOMETHANE	1.582	142	1443720	76.91	UG/L		99
18) ACETONITRILE	1.702	41	555	0.25	UG/L	#	1
19) ALLYL CHLORIDE	1.680	76	2932	0.43	UG/L	#	1
20) METHYL ACETATE	1.705	43	89196	7.42	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	92481	131.92	UG/L	#	83
22) ACRYLONITRILE	1.917	53	33424	10.48	UG/L		98
23) METHYLENE CHLORIDE	1.763	49	138361	8.90	UG/L		93
24) CARBON DISULFIDE	1.618	76	3092684	91.36	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	279027	10.30	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.931	61	173397	9.25	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	199788	9.09	UG/L		99
28) VINYL ACETATE	2.268	43	2068315	107.90	UG/L		100
29) DI ISOPROYL ETHER	2.288	45	262596	8.47	UG/L		99
31) 2-BUTANONE	2.739	43	379712	100.44	UG/L		97
32) T-BUTYL ETHYL ETHER	2.586	59	308834	8.90	UG/L	#	79
33) CIS-1,2-DICHLOROETHENE	2.703	61	199909	8.72	UG/L		95
34) 2,2-DICHLOROPROPANE	2.698	77	145190	9.62	UG/L	#	76
35) ETHYL ACETATE	2.809	43	92160	9.02	UG/L		98
36) PROPIONITRILE	2.742	54	1896	1.56	UG/L	#	1
37) METHACRYLONITRILE	2.988	41	14297	2.51	UG/L	#	100
38) BROMOCHLOROMETHANE	2.937	49	74955	7.62	UG/L	#	73
39) TETRAHYDROFURAN	3.001	42	20662m	9.80	UG/L		
40) CHLOROFORM	3.041	83	215371	9.58	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.205	97	186146	9.21	UG/L		99
42) CYCLOHEXANE	3.252	56	158659	8.73	UG/L		94
43) CARBON TETRACHLORIDE	3.372	117	137057	9.16	UG/L		98
44) 1,1-DICHLOROPROPENE	3.384	75	156800	8.97	UG/L		97
45) BENZENE	3.593	78	415689	9.29	UG/L		98
46) ISOBUTANOL	3.738	41	35279	85.16	UG/L	#	98
47) T-AMYLMETHYL ETHER	3.740	73	262590	9.43	UG/L	#	95

Data Path : X:\1\DATA\032012\
Data File : VC080002.D
Acq On : 20 Mar 2012 5:55 am
Operator :
Sample : S002001-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 2 Sample Multiplier: 1

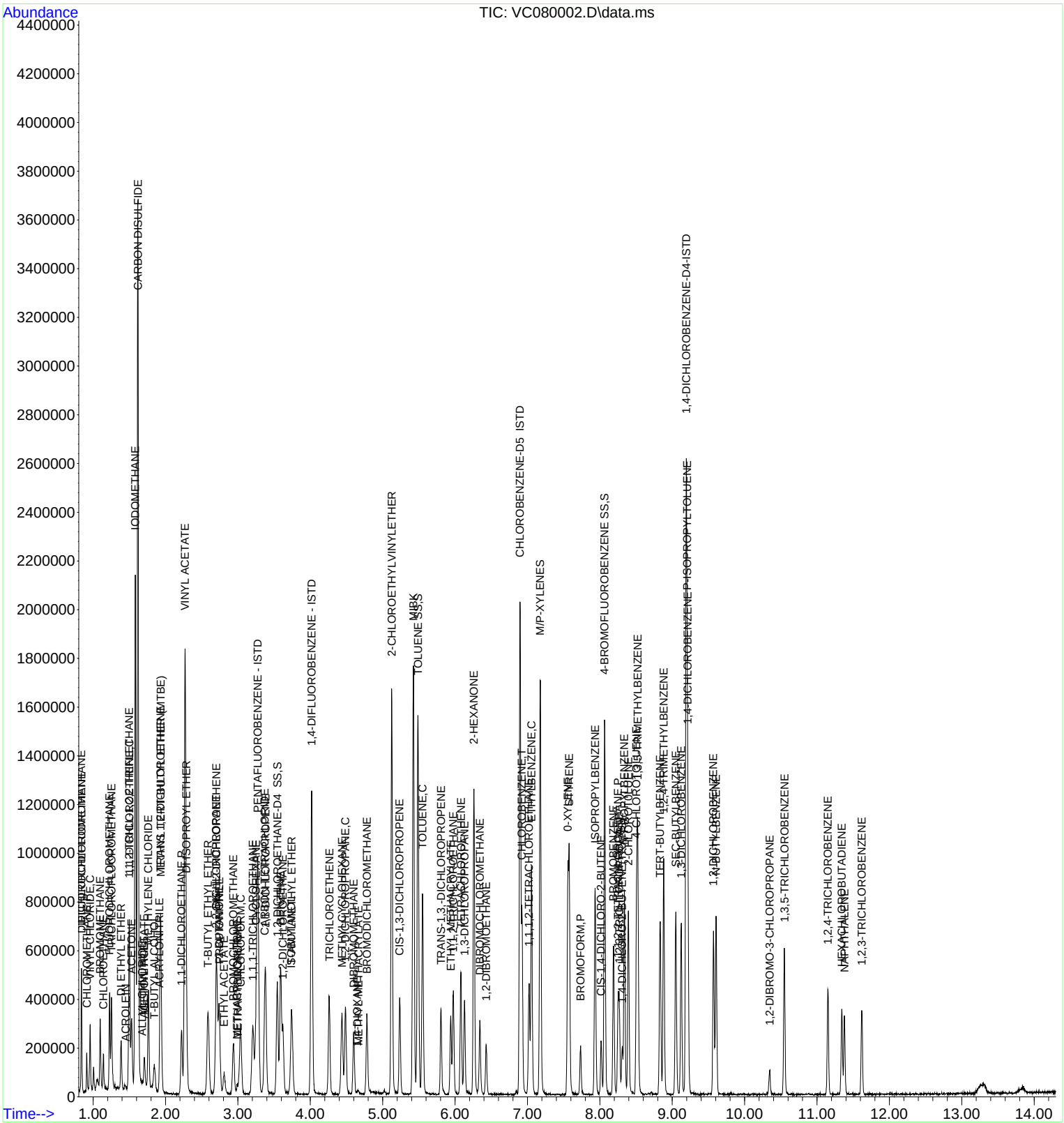
Quant Time: Mar 21 09:43:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-DICHLOROETHANE	3.621	62	208496	8.95	UG/L		98
51) TRICHLOROETHENE	4.265	95	113604	8.93	UG/L		98
52) METHYLCYCLOHEXANE	4.438	83	125246	9.29	UG/L	#	88
53) 1,2-DICHLOROPROPANE	4.485	63	100827	8.69	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	77184	9.22	UG/L		94
55) METHYL METHACRYLATE	4.666	41	1031	0.11	UG/L	#	100
56) 1,4-DIOXANE	4.650	88	7981m	125.93	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	170213	9.73	UG/L		98
58) 2-CHLOROETHYLVINYLETHER	5.126	63	608822	97.84	UG/L		97
59) MIBK	5.425	43	883134	105.25	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.232	75	171283	9.92	UG/L		96
61) TOLUENE	5.550	91	467599	9.52	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	153031	11.17	UG/L		97
63) ETHYL METHACRYLATE	5.941	69	124565	5.09	UG/L		93
64) 1,1,2-TRICHLOROETHANE	5.974	97	95752	9.53	UG/L		96
65) 2-HEXANONE	6.261	43	594021	103.53	UG/L		96
66) TETRACHLOROETHENE	6.083	166	119204	9.91	UG/L		97
67) 1,3-DICHLOROPROPANE	6.130	76	168590	9.63	UG/L		99
68) DIBROMOCHLOROMETHANE	6.342	129	118367	10.76	UG/L		100
69) 1,2-DIBROMOETHANE	6.432	107	105825	9.96	UG/L		98
72) CHLOROBENZENE	6.922	112	285559	9.05	UG/L		96
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	96888	9.77	UG/L		97
74) ETHYLBENZENE	7.056	91	539310	9.43	UG/L		99
75) M/P-XYLENES	7.176	91	854170	18.83	UG/L		99
76) 0-XYLENE	7.558	91	424340	9.58	UG/L		99
77) STYRENE	7.578	104	350470	9.73	UG/L		98
78) BROMOFORM	7.734	173	70496	11.87	UG/L		98
79) ISOPROPYLBENZENE	7.935	105	483539	9.77	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	43879	10.08	UG/L		87
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	128518	10.41	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	38593	9.96	UG/L		93
83) BROMOBENZENE	8.188	77	213634	9.05	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109430	9.93	UG/L		99
85) N-PROPYLBENZENE	8.339	91	534026	9.68	UG/L		99
86) 2-CHLOROT0LUENE	8.395	91	360369	9.46	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	451959	9.72	UG/L		99
88) 4-CHLOROTOLUENE	8.506	91	419742	9.36	UG/L		99
90) TERT-BUTYLBENZENE	8.833	119	292231	9.05	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	447931	9.48	UG/L		100
92) SEC-BUTYLBENZENE	9.050	105	438624	9.70	UG/L		99
93) 1,3-DICHLOROBENZENE	9.125	146	215999	9.32	UG/L		98
94) P-ISOPROPYLTOLUENE	9.206	119	358343	9.39	UG/L		97
95) 1,4-DICHLOROBENZENE	9.215	146	238397	8.94	UG/L		99
96) N-BUTYLBENZENE	9.608	91	332942	9.64	UG/L		100
97) 1,2-DICHLOROBENZENE	9.569	146	207718	9.00	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	22952	10.81	UG/L		90
99) 1,3,5-TRICHLOROBENZENE	10.553	180	145729	8.93	UG/L		95
100) 1,2,4-TRICHLOROBENZENE	11.150	180	110989	8.68	UG/L		94
101) HEXACHLOROBUTADIENE	11.345	225	57929	9.95	UG/L		94
102) NAPHTHALENE	11.381	128	192061	7.68	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	85738	8.79	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080002.D
Acq On : 20 Mar 2012 5:55 am
Operator :
Sample : S002001-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 21 09:43:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002001	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S002001-CCV1)			*Lab File ID: VC080002.D*			*Analyzed: 03/20/12 05:55*			
Pentafluorobenzene	572751	3.275	540423	3.28	106	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	867225	4.019	830184	4.02	104	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	527287	6.897	492700	6.9	107	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	472313	9.195	430680	9.19	110	50 - 200	0.0050	+/-0.50	
LCS (B048211-BS1)			*Lab File ID: VC080004.D*			*Analyzed: 03/20/12 06:56*			
Pentafluorobenzene	569318	3.28	572751	3.275	99	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	877030	4.02	867225	4.019	101	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	524721	6.9	527287	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	482547	9.2	472313	9.195	102	50 - 200	0.0050	+/-0.50	
LCS Dup (B048211-BSD1)			*Lab File ID: VC080005.D*			*Analyzed: 03/20/12 07:27*			
Pentafluorobenzene	551342	3.27	572751	3.275	96	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	814994	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	486508	6.9	527287	6.897	92	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	437346	9.19	472313	9.195	93	50 - 200	-0.0050	+/-0.50	
Blank (B048211-BLK1)			*Lab File ID: VC080007.D*			*Analyzed: 03/20/12 08:28*			
Pentafluorobenzene	558368	3.27	572751	3.275	97	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	818924	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	507666	6.9	527287	6.897	96	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	429479	9.19	472313	9.195	91	50 - 200	-0.0050	+/-0.50	
TB31212-01 (12C0442-01)			*Lab File ID: VC080008.D*			*Analyzed: 03/20/12 09:01*			
Pentafluorobenzene	531182	3.27	572751	3.275	93	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	782829	4.02	867225	4.019	90	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	477088	6.9	527287	6.897	90	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	386966	9.2	472313	9.195	82	50 - 200	0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002001	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-30C-March-2012 (12C0442-02)			*Lab File ID: VC080009.D*			*Analyzed: 03/20/12 09:32*			
Pentafluorobenzene	534848	3.27	572751	3.275	93	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	806128	4.02	867225	4.019	93	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	486626	6.9	527287	6.897	92	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	406210	9.2	472313	9.195	86	50 - 200	0.0050	+/-0.50	
MW-30D-March-2012 (12C0442-03)			*Lab File ID: VC080010.D*			*Analyzed: 03/20/12 10:02*			
Pentafluorobenzene	555938	3.28	572751	3.275	97	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	833054	4.02	867225	4.019	96	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	497787	6.9	527287	6.897	94	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	429017	9.19	472313	9.195	91	50 - 200	-0.0050	+/-0.50	
MW-47C-March-2012 (12C0442-04)			*Lab File ID: VC080011.D*			*Analyzed: 03/20/12 10:34*			
Pentafluorobenzene	543740	3.28	572751	3.275	95	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	814766	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	502096	6.9	527287	6.897	95	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	412333	9.19	472313	9.195	87	50 - 200	-0.0050	+/-0.50	
MW-48C-March-2012 (12C0442-05)			*Lab File ID: VC080012.D*			*Analyzed: 03/20/12 11:04*			
Pentafluorobenzene	540534	3.27	572751	3.275	94	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	815104	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	491490	6.9	527287	6.897	93	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	420214	9.2	472313	9.195	89	50 - 200	0.0050	+/-0.50	
MW-32C-March-2012 (12C0442-06)			*Lab File ID: VC080013.D*			*Analyzed: 03/20/12 11:34*			
Pentafluorobenzene	540245	3.28	572751	3.275	94	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	824103	4.02	867225	4.019	95	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	499427	6.9	527287	6.897	95	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	418238	9.19	472313	9.195	89	50 - 200	-0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002001	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-32C-March-2012 1 (12C0442-07)			*Lab File ID: VC080016.D*			*Analyzed: 03/20/12 13:04*			
Pentafluorobenzene	540163	3.27	572751	3.275	94	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	818116	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	499246	6.9	527287	6.897	95	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	422067	9.2	472313	9.195	89	50 - 200	0.0050	+/-0.50	
MW-45D-March-2012 (12C0442-08)			*Lab File ID: VC080017.D*			*Analyzed: 03/20/12 13:34*			
Pentafluorobenzene	479737	3.27	572751	3.275	84	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	718880	4.02	867225	4.019	83	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	438085	6.9	527287	6.897	83	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	373929	9.2	472313	9.195	79	50 - 200	0.0050	+/-0.50	
MW-37D-March-2012 (12C0442-09)			*Lab File ID: VC080018.D*			*Analyzed: 03/20/12 14:04*			
Pentafluorobenzene	531940	3.28	572751	3.275	93	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	807845	4.02	867225	4.019	93	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	496770	6.9	527287	6.897	94	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	418426	9.19	472313	9.195	89	50 - 200	-0.0050	+/-0.50	
MW-37C-March-2012 MS/MSD (12C0442-10)			*Lab File ID: VC080019.D*			*Analyzed: 03/20/12 14:34*			
Pentafluorobenzene	539502	3.27	572751	3.275	94	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	803489	4.02	867225	4.019	93	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	491421	6.9	527287	6.897	93	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	425325	9.19	472313	9.195	90	50 - 200	-0.0050	+/-0.50	
MW-28D-March-2012 (12C0442-11)			*Lab File ID: VC080020.D*			*Analyzed: 03/20/12 15:05*			
Pentafluorobenzene	540956	3.28	572751	3.275	94	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	815991	4.02	867225	4.019	94	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	491938	6.9	527287	6.897	93	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	415527	9.19	472313	9.195	88	50 - 200	-0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0442
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002001	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-28C-March-2012 (12C0442-12)			*Lab File ID: VC080021.D*			*Analyzed: 03/20/12 15:35*			
Pentafluorobenzene	546110	3.28	572751	3.275	95	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	834050	4.02	867225	4.019	96	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	501790	6.9	527287	6.897	95	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	421109	9.19	472313	9.195	89	50 - 200	-0.0050	+/-0.50	
Matrix Spike (B048211-MS1)			*Lab File ID: VC080022.D*			*Analyzed: 03/20/12 16:05*			
Pentafluorobenzene	537944	3.27	572751	3.275	94	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	799920	4.02	867225	4.019	92	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	490447	6.9	527287	6.897	93	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	437963	9.19	472313	9.195	93	50 - 200	-0.0050	+/-0.50	
Matrix Spike Dup (B048211-MSD1)			*Lab File ID: VC080023.D*			*Analyzed: 03/20/12 16:35*			
Pentafluorobenzene	525363	3.28	572751	3.275	92	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	799659	4.02	867225	4.019	92	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	487167	6.9	527287	6.897	92	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	449155	9.19	472313	9.195	95	50 - 200	-0.0050	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BLK1	File ID:	VC080007.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 08:28
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	V-05
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BLK1	File ID:	VC080007.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 08:28
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	V-05
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BLK1	File ID:	VC080007.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 08:28
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080007.D
Acq On : 20 Mar 2012 8:28 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

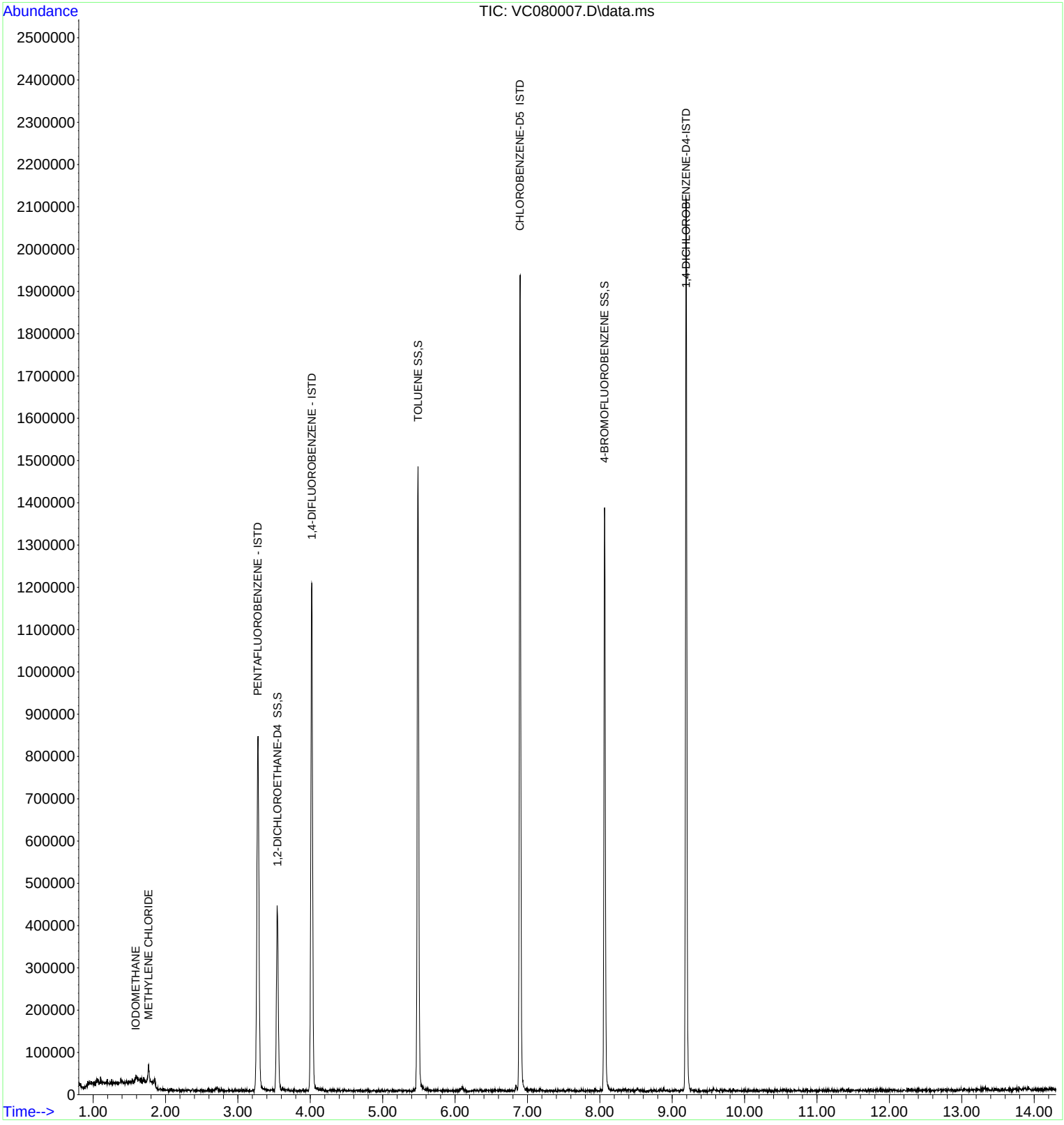
Quant Time: Mar 21 09:48:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

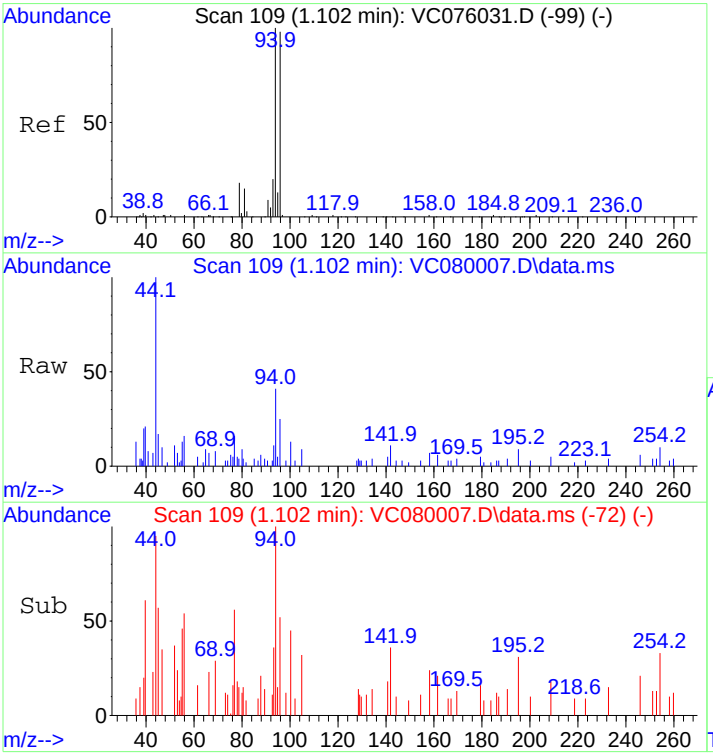
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	558368	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	818924	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	507666	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	429479	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	331305	23.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.28%			
49) TOLUENE SS	5.489	98	822812	25.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.72%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	378700	24.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.102	94	1516	Below Cal	#	2
17) IODOMETHANE	1.590	142	5357	5.90	UG/L #	53
23) METHYLENE CHLORIDE	1.766	49	14638	0.97	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080007.D
Acq On : 20 Mar 2012 8:28 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 21 09:48:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

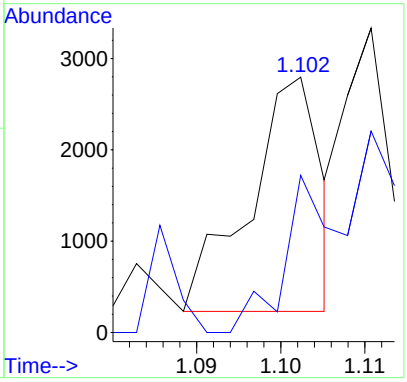


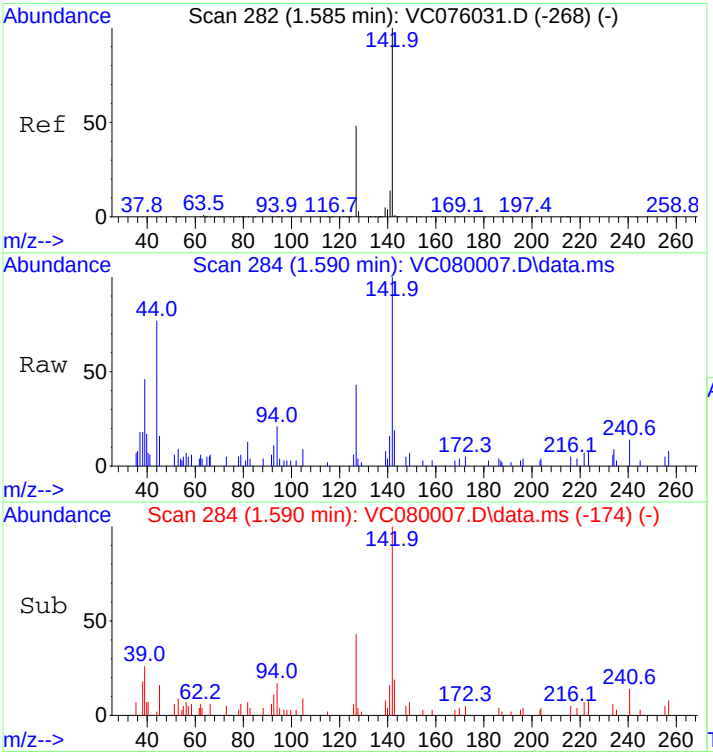


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC080007.D
Acq: 20 Mar 2012 8:28 am

Tgt Ion: 94 Resp: 1516

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	114.8#

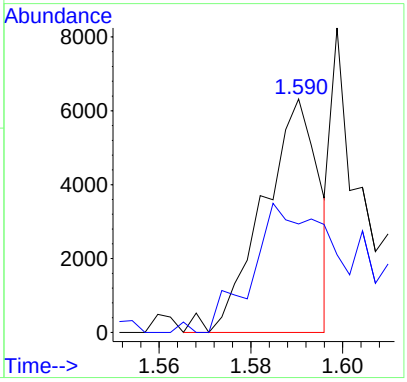


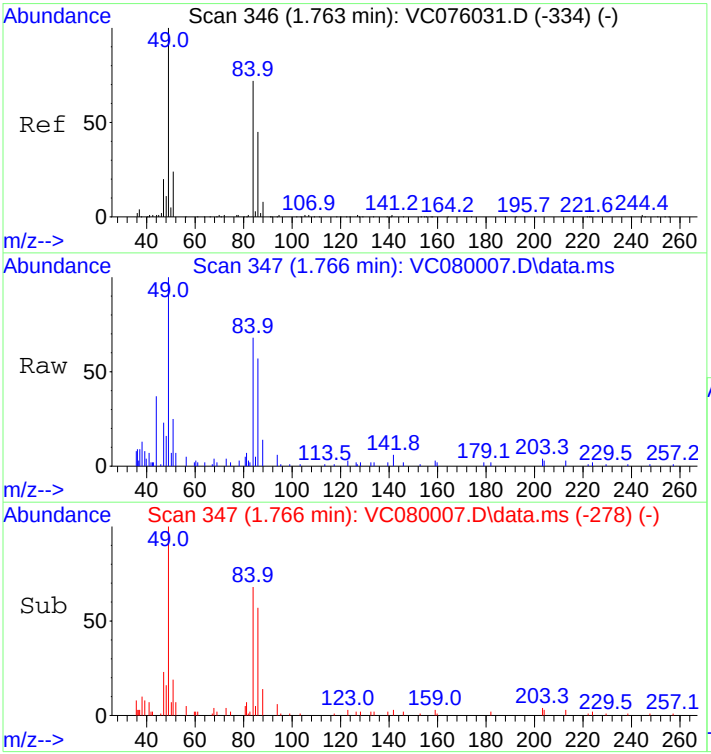


#17
IODOMETHANE
Concen: 5.90 UG/L
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC080007.D
Acq: 20 Mar 2012 8:28 am

Tgt Ion:142 Resp: 5357

Ion	Ratio	Lower	Upper
142	100		
127	77.1	36.8	55.2#

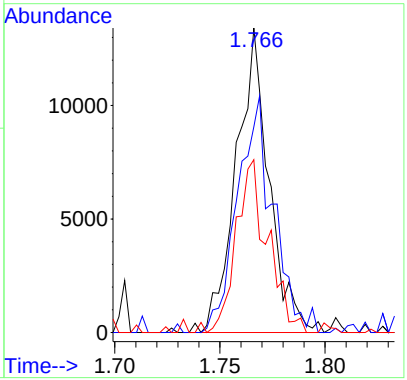




#23
METHYLENE CHLORIDE
Concen: 0.97 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC080007.D
Acq: 20 Mar 2012 8:28 am

Tgt Ion: 49 Resp: 14638

Ion	Ratio	Lower	Upper
49	100		
84	84.2	62.8	94.2
86	54.3	40.5	60.7



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BS1	File ID:	VC080004.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	145	0.54	50	
107-13-1	Acrylonitrile	11.3	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	9.03	0.050	1.0	
108-86-1	Bromobenzene	9.18	0.10	1.0	
74-97-5	Bromochloromethane	8.24	0.10	1.0	V-05
75-27-4	Bromodichloromethane	8.86	0.080	0.50	
75-25-2	Bromoform	12.2	0.25	1.0	
74-83-9	Bromomethane	3.06	0.38	2.0	L-07A, R-05
78-93-3	2-Butanone (MEK)	111	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	129	3.5	20	V-16, V-20
104-51-8	n-Butylbenzene	8.85	0.050	1.0	
135-98-8	sec-Butylbenzene	9.16	0.050	1.0	
98-06-6	tert-Butylbenzene	9.07	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.47	0.070	0.50	
75-15-0	Carbon Disulfide	8.35	0.050	2.0	
56-23-5	Carbon Tetrachloride	8.24	0.090	5.0	
108-90-7	Chlorobenzene	9.82	0.050	1.0	
124-48-1	Chlorodibromomethane	9.97	0.12	0.50	
75-00-3	Chloroethane	7.78	0.33	2.0	
67-66-3	Chloroform	9.38	0.040	2.0	
74-87-3	Chloromethane	6.49	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	9.90	0.050	1.0	
106-43-4	4-Chlorotoluene	9.89	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.5	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.9	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BS1	File ID:	VC080004.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.54	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.56	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.80	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	8.87	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.46	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.75	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	9.12	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.57	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.67	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	8.17	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	8.42	0.070	1.0	
78-87-5	1,2-Dichloropropane	8.57	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.88	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.83	0.13	1.0	
563-58-6	1,1-Dichloropropene	8.64	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.81	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	8.86	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	8.76	0.030	0.50	
123-91-1	1,4-Dioxane	131	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	9.11	0.050	1.0	
87-68-3	Hexachlorobutadiene	8.99	0.26	0.50	
591-78-6	2-Hexanone (MBK)	110	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.12	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.5	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BS1	File ID:	VC080004.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.25	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	102	0.22	10	
91-20-3	Naphthalene	8.38	0.21	5.0	V-05
103-65-1	n-Propylbenzene	9.83	0.040	1.0	
100-42-5	Styrene	9.71	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.7	0.18	0.50	
127-18-4	Tetrachloroethylene	9.07	0.14	1.0	
109-99-9	Tetrahydrofuran	10.4	1.0	10	R-05
108-88-3	Toluene	9.14	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.49	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.92	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.18	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	8.50	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.2	0.080	1.0	
79-01-6	Trichloroethylene	8.53	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	7.69	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.2	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.65	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	8.99	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.13	0.060	1.0	
75-01-4	Vinyl Chloride	6.76	0.16	2.0	
108383/106423	m+p Xylene	18.7	0.070	2.0	
95-47-6	o-Xylene	9.85	0.050	1.0	

Data Path : X:\1\DATA\032012\
Data File : VC080004.D
Acq On : 20 Mar 2012 6:56 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 09:46:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	569318	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	877030	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	524721	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	482547	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	343616	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.486	98	871369	25.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	404909	25.57	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	98416	6.75	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	109906	7.19	UG/L		96
5) CHLOROMETHANE	0.913	50	61103	6.49	UG/L		98
6) VINYL CHLORIDE	0.960	62	91469	6.76	UG/L		99
7) BROMOMETHANE	1.102	94	27213	3.06	UG/L		97
8) CHLOROETHANE	1.144	64	52475	7.78	UG/L		95
9) FLUORODICHLOROMETHANE	1.228	67	173297	7.57	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.253	101	155377	7.69	UG/L		99
12) DI ETHYL ETHER	1.390	59	76164	8.86	UG/L		92
13) ACROLEIN	1.454	56	101236	1674.17	UG/L	#	1
14) ACETONE	1.532	43	361671	145.21	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	152178	7.67	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	84910	8.65	UG/L		97
17) IODOMETHANE	1.585	142	205503	15.84	UG/L		100
18) ACETONITRILE	1.691	41	99241	44.45	UG/L	#	63
19) ALLYL CHLORIDE	1.694	76	43525	6.42	UG/L	#	76
20) METHYL ACETATE	1.710	43	76976	6.44	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	90121	129.33	UG/L	#	97
22) ACRYLONITRILE	1.917	53	35888	11.32	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	127363	8.25	UG/L		90
24) CARBON DISULFIDE	1.618	76	281069	8.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	310551	11.53	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.931	61	157046	8.42	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	199434	9.12	UG/L		99
28) VINYL ACETATE	2.271	43	1898156	99.62	UG/L		100
29) DI ISOPROYL ETHER	2.285	45	270056	8.76	UG/L		99
31) 2-BUTANONE	2.742	43	417754	111.17	UG/L		95
32) T-BUTYL ETHYL ETHER	2.586	59	326784	9.47	UG/L	#	83
33) CIS-1,2-DICHLOROETHENE	2.706	61	186136	8.17	UG/L		95
34) 2,2-DICHLOROPROPANE	2.706	77	132423	8.83	UG/L	#	81
35) ETHYL ACETATE	2.809	43	81291	8.00	UG/L	#	77
36) PROPIONITRILE	2.795	54	5906	4.89	UG/L	#	73
37) METHACRYLONITRILE	2.946	41	50683	8.96	UG/L	#	65
38) BROMOCHLOROMETHANE	2.937	49	80606	8.24	UG/L		88
39) TETRAHYDROFURAN	2.990	42	21897m	10.45	UG/L		
40) CHLOROFORM	3.038	83	209578	9.38	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.208	97	170742	8.50	UG/L		99
42) CYCLOHEXANE	3.255	56	147554	8.17	UG/L		93
43) CARBON TETRACHLORIDE	3.372	117	122464	8.24	UG/L		97
44) 1,1-DICHLOROPROPENE	3.381	75	150013	8.64	UG/L		99
45) BENZENE	3.593	78	401758	9.03	UG/L		98
46) ISOBUTANOL	3.738	41	19922	48.38	UG/L	#	31
47) T-AMYLMETHYL ETHER	3.738	73	285565	10.31	UG/L	#	82

Data Path : X:\1\DATA\032012\
Data File : VC080004.D
Acq On : 20 Mar 2012 6:56 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

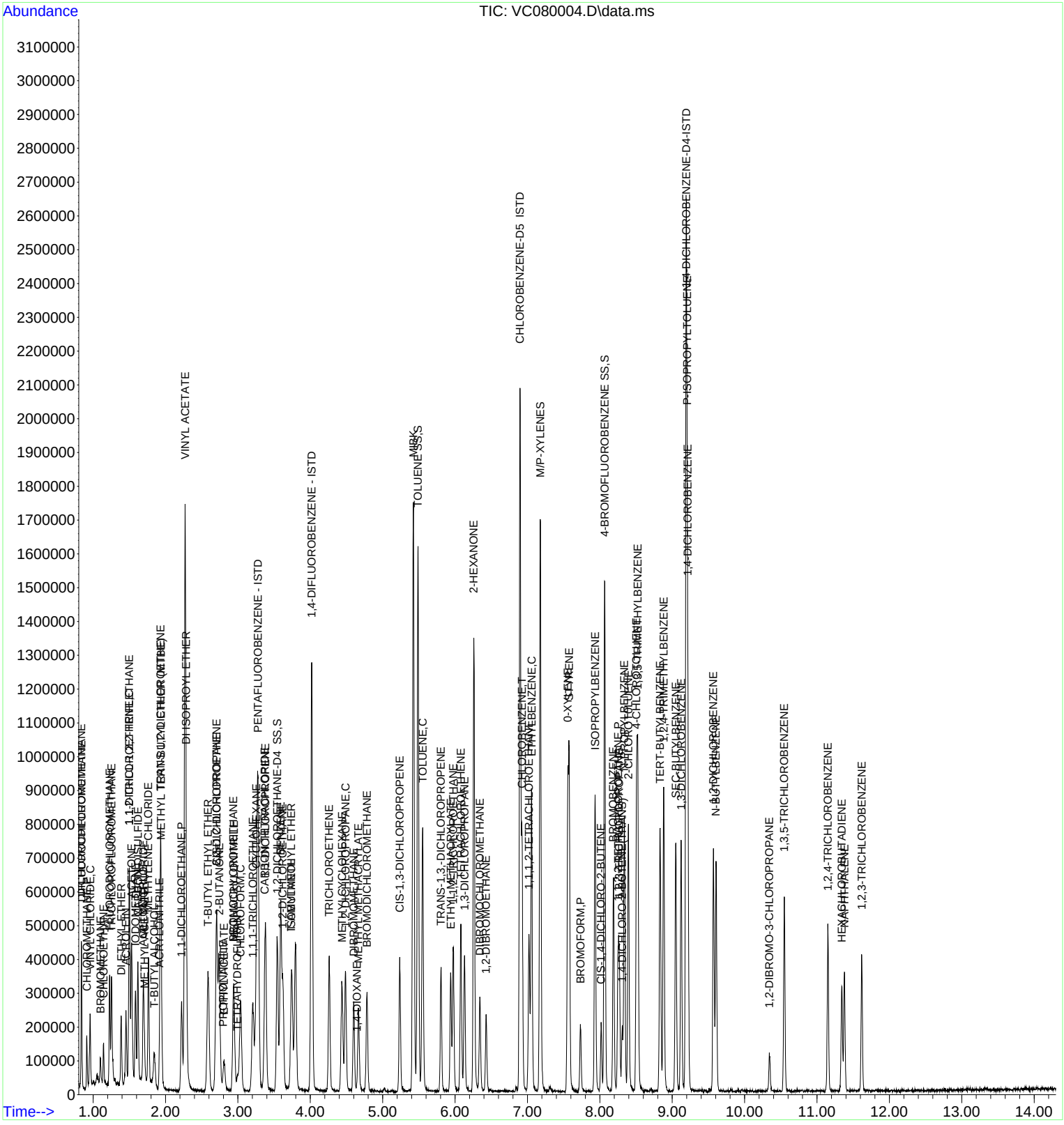
Quant Time: Mar 21 09:46:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-DICHLOROETHANE	3.618	62	225503	9.57	UG/L		99
51) TRICHLOROETHENE	4.259	95	109734	8.53	UG/L		100
52) METHYLCYCLOHEXANE	4.440	83	119882	8.79	UG/L		96
53) 1,2-DICHLOROPROPANE	4.488	63	100588	8.57	UG/L		96
54) DIBROMOMETHANE	4.599	93	80802	9.54	UG/L		94
55) METHYL METHACRYLATE	4.664	41	80255	8.59	UG/L	#	85
56) 1,4-DIOXANE	4.647	88	8427m	131.48	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	156709	8.86	UG/L		97
59) MIBK	5.425	43	868300	102.33	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.235	75	171326	9.81	UG/L		97
61) TOLUENE	5.553	91	453715	9.14	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	157701	11.38	UG/L		100
63) ETHYL METHACRYLATE	5.941	69	135760	5.48	UG/L		93
64) 1,1,2-TRICHLOROETHANE	5.974	97	103663	10.21	UG/L		98
65) 2-HEXANONE	6.259	43	637568	109.87	UG/L		97
66) TETRACHLOROETHENE	6.080	166	110407	9.07	UG/L		99
67) 1,3-DICHLOROPROPANE	6.130	76	174932	9.88	UG/L		98
68) DIBROMOCHLOROMETHANE	6.345	129	110940	9.97	UG/L		100
69) 1,2-DIBROMOETHANE	6.426	107	116760	10.86	UG/L		99
72) CHLOROBENZENE	6.925	112	308245	9.82	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	101447	10.28	UG/L		97
74) ETHYLBENZENE	7.059	91	518382	9.11	UG/L		98
75) M/P-XYLENES	7.179	91	842116	18.66	UG/L		99
76) 0-XYLENE	7.558	91	434170	9.85	UG/L		100
77) STYRENE	7.578	104	347970	9.71	UG/L		98
78) BROMOFORM	7.734	173	71951	12.18	UG/L		100
79) ISOPROPYLBENZENE	7.935	105	495642	10.06	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	35465	8.18	UG/L		92
81) 1,1,2,2-TETRACHLOROETHANE	8.253	83	143255	11.67	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	36488	9.46	UG/L		95
83) BROMOBENZENE	8.186	77	215725	9.18	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.266	75	122601	11.18	UG/L		97
85) N-PROPYLBENZENE	8.339	91	539502	9.83	UG/L		100
86) 2-CHLOROT0LUENE	8.395	91	375391	9.90	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	422443	9.13	UG/L		97
88) 4-CHLOROTOLUENE	8.506	91	441294	9.89	UG/L		99
90) TERT-BUTYLBENZENE	8.833	119	299165	9.07	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	433800	8.99	UG/L		96
92) SEC-BUTYLBENZENE	9.050	105	423232	9.16	UG/L		98
93) 1,3-DICHLOROBENZENE	9.125	146	232014	9.80	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	355487	9.12	UG/L		99
95) 1,4-DICHLOROBENZENE	9.215	146	241692	8.87	UG/L		97
96) N-BUTYLBENZENE	9.605	91	312389	8.85	UG/L		99
97) 1,2-DICHLOROBENZENE	9.569	146	225340	9.56	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	22727	10.47	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.548	180	136398	8.18	UG/L		93
100) 1,2,4-TRICHLOROBENZENE	11.153	180	116463	8.92	UG/L		100
101) HEXACHLOROBUTADIENE	11.345	225	53494	8.99	UG/L		97
102) NAPHTHALENE	11.381	128	214130	8.38	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.618	180	94562	9.49	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032012\
Data File : VC080004.D
Acq On : 20 Mar 2012 6:56 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 09:46:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BSD1	File ID:	VC080005.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 07:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	139	0.54	50	
107-13-1	Acrylonitrile	11.7	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	9.06	0.050	1.0	
108-86-1	Bromobenzene	9.81	0.10	1.0	
74-97-5	Bromochloromethane	8.71	0.10	1.0	V-05
75-27-4	Bromodichloromethane	9.57	0.080	0.50	
75-25-2	Bromoform	12.9	0.25	1.0	
74-83-9	Bromomethane	4.39	0.38	2.0	R-05
78-93-3	2-Butanone (MEK)	117	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	136	3.5	20	V-16, V-20
104-51-8	n-Butylbenzene	9.44	0.050	1.0	
135-98-8	sec-Butylbenzene	9.80	0.050	1.0	
98-06-6	tert-Butylbenzene	9.68	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.30	0.070	0.50	
75-15-0	Carbon Disulfide	8.26	0.050	2.0	
56-23-5	Carbon Tetrachloride	8.30	0.090	5.0	
108-90-7	Chlorobenzene	10.1	0.050	1.0	
124-48-1	Chlorodibromomethane	11.0	0.12	0.50	
75-00-3	Chloroethane	7.45	0.33	2.0	
67-66-3	Chloroform	9.35	0.040	2.0	
74-87-3	Chloromethane	6.89	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	10.4	0.050	1.0	
106-43-4	4-Chlorotoluene	10.3	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	12.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.7	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BSD1	File ID:	VC080005.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 07:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.62	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.54	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.81	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	9.04	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.45	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	8.39	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	8.41	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.43	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.8	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.70	0.13	1.0	
563-58-6	1,1-Dichloropropene	8.30	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.2	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.9	0.12	0.50	
60-29-7	Diethyl Ether	9.38	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	8.99	0.030	0.50	
123-91-1	1,4-Dioxane	132	3.5	50	V-20, L-02, V-16
100-41-4	Ethylbenzene	9.48	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.99	0.26	0.50	
591-78-6	2-Hexanone (MBK)	116	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.3	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.87	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.4	0.050	1.0	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-BSD1	File ID:	VC080005.D
Sampled:		Prepared:	03/20/12 05:55	Analyzed:	03/20/12 07:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.33	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	112	0.22	10	
91-20-3	Naphthalene	9.58	0.21	5.0	V-05
103-65-1	n-Propylbenzene	10.1	0.040	1.0	
100-42-5	Styrene	10.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.7	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.5	0.18	0.50	
127-18-4	Tetrachloroethylene	9.47	0.14	1.0	
109-99-9	Tetrahydrofuran	8.10	1.0	10	R-05
108-88-3	Toluene	9.64	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.1	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.68	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.13	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	8.44	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	8.78	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	7.51	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.0	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.54	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.62	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.51	0.060	1.0	
75-01-4	Vinyl Chloride	6.63	0.16	2.0	
108383/106423	m+p Xylene	20.0	0.070	2.0	
95-47-6	o-Xylene	10.6	0.050	1.0	

Data Path : X:\1\DATA\032012\
Data File : VC080005.D
Acq On : 20 Mar 2012 7:27 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 09:47:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	551342	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	814994	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	486508	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	437346	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	325165	22.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.72%				
49) TOLUENE SS	5.486	98	815989	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	374982	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	96252	6.81	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.840	51	105440	7.12	UG/L		97
5) CHLOROMETHANE	0.910	50	62854	6.89	UG/L		98
6) VINYL CHLORIDE	0.957	62	86862	6.63	UG/L		100
7) BROMOMETHANE	1.100	94	36534	4.39	UG/L		94
8) CHLOROETHANE	1.142	64	48692	7.45	UG/L		99
9) FLUORODICHLOROMETHANE	1.225	67	171544	7.74	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	147011	7.51	UG/L		99
12) DI ETHYL ETHER	1.387	59	78092	9.38	UG/L		92
13) ACROLEIN	1.454	56	103732	1772.29	UG/L	#	1
14) ACETONE	1.532	43	334462	138.67	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	143252	7.45	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.496	101	81191	8.54	UG/L		98
17) IODOMETHANE	1.582	142	160901	13.88	UG/L		98
18) ACETONITRILE	1.691	41	92333	42.70	UG/L	#	68
19) ALLYL CHLORIDE	1.694	76	40779	6.21	UG/L		76
20) METHYL ACETATE	1.708	43	76329	6.59	UG/L		94
21) T-BUTYL ALCOHOL	1.847	59	91730	135.93	UG/L	#	89
22) ACRYLONITRILE	1.920	53	36034	11.73	UG/L		92
23) METHYLENE CHLORIDE	1.763	49	124578	8.33	UG/L		91
24) CARBON DISULFIDE	1.616	76	269282	8.26	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	298305	11.43	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.928	61	151909	8.41	UG/L		97
27) 1,1-DICHLOROETHANE	2.221	63	191351	9.04	UG/L		99
28) VINYL ACETATE	2.271	43	1871155	101.41	UG/L		100
29) DI ISOPROYL ETHER	2.288	45	268351	8.99	UG/L		99
31) 2-BUTANONE	2.739	43	424040	116.52	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.589	59	310710	9.30	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.703	61	185156	8.39	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	126384	8.70	UG/L		98
35) ETHYL ACETATE	2.806	43	89663	9.11	UG/L	#	84
36) PROPIONITRILE	2.792	54	8523	7.28	UG/L	#	83
37) METHACRYLONITRILE	2.943	41	49460	9.03	UG/L	#	62
38) BROMOCHLOROMETHANE	2.935	49	82494	8.71	UG/L		93
39) TETRAHYDROFURAN	2.990	42	16441	8.10	UG/L	#	91
40) CHLOROFORM	3.038	83	202324	9.35	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	164239	8.44	UG/L		97
42) CYCLOHEXANE	3.255	56	144569	8.27	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	119506	8.30	UG/L		97
44) 1,1-DICHLOROPROPENE	3.378	75	139585	8.30	UG/L		99
45) BENZENE	3.587	78	390497	9.06	UG/L		99
46) ISOBUTANOL	3.738	41	16530	41.45	UG/L	#	67
47) T-AMYLMETHYL ETHER	3.741	73	275409	10.27	UG/L		100

Data Path : X:\1\DATA\032012\
Data File : VC080005.D
Acq On : 20 Mar 2012 7:27 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 09:47:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

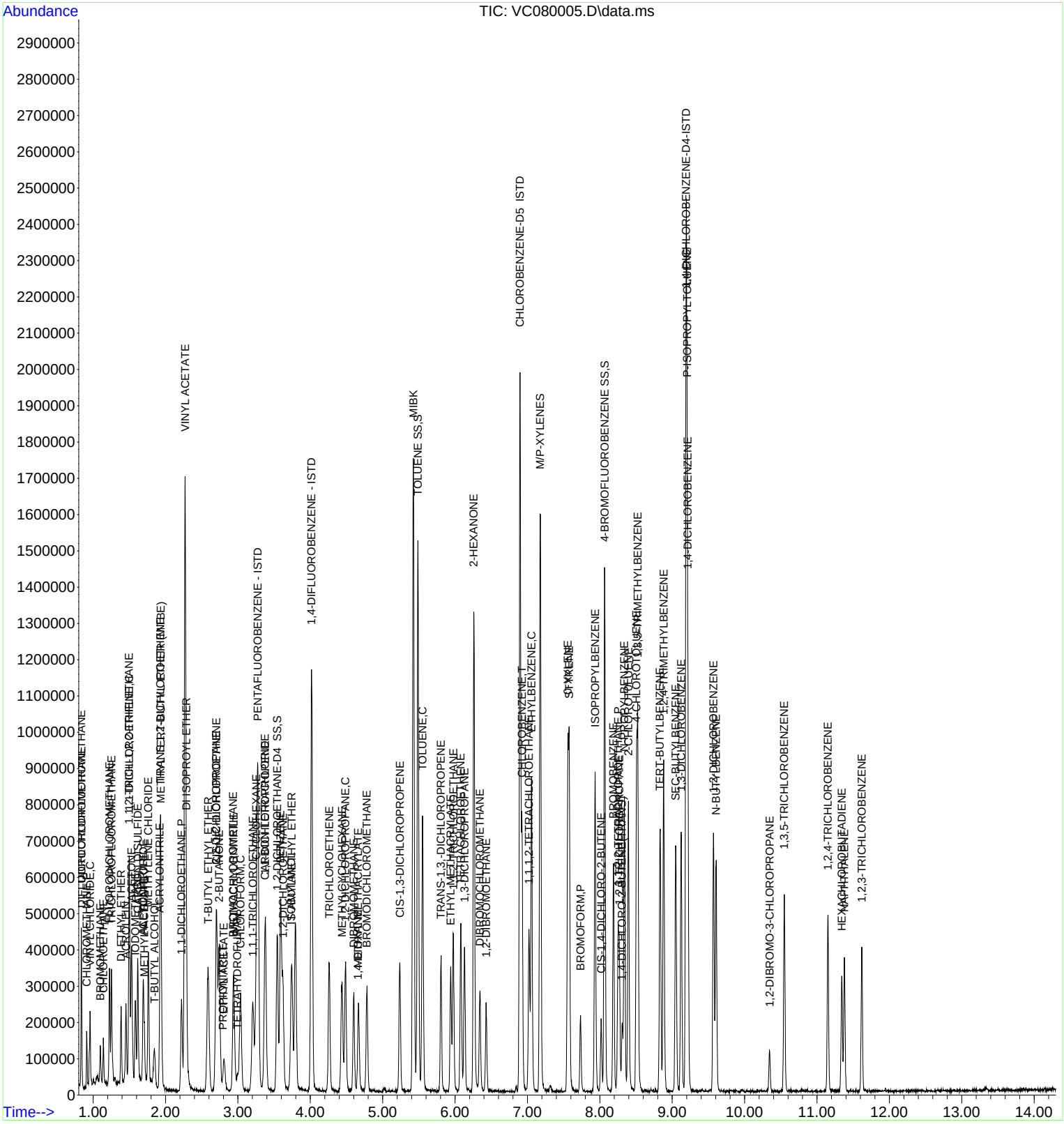
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-DICHLOROETHANE	3.623	62	218985	10.00	UG/L		98
51) TRICHLOROETHENE	4.262	95	104893	8.78	UG/L		98
52) METHYLCYCLOHEXANE	4.438	83	111595	8.81	UG/L		97
53) 1,2-DICHLOROPROPANE	4.485	63	102833	9.43	UG/L	#	95
54) DIBROMOMETHANE	4.602	93	81762	10.39	UG/L		96
55) METHYL METHACRYLATE	4.661	41	81341	9.37	UG/L	#	84
56) 1,4-DIOXANE	4.658	88	7886m	132.40	UG/L		
57) BROMODICHLOROMETHANE	4.781	83	157248	9.57	UG/L		97
59) MIBK	5.425	43	880728	111.69	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	165718	10.21	UG/L		99
61) TOLUENE	5.550	91	445031	9.64	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	152974	11.88	UG/L		98
63) ETHYL METHACRYLATE	5.938	69	131261	5.71	UG/L		93
64) 1,1,2-TRICHLOROETHANE	5.977	97	100476	10.65	UG/L		98
65) 2-HEXANONE	6.259	43	622863	115.51	UG/L		95
66) TETRACHLOROETHENE	6.077	166	107106	9.47	UG/L		96
67) 1,3-DICHLOROPROPANE	6.130	76	177519	10.79	UG/L		97
68) DIBROMOCHLOROMETHANE	6.345	129	114258	11.05	UG/L		100
69) 1,2-DIBROMOETHANE	6.429	107	116464	11.66	UG/L		99
72) CHLOROBENZENE	6.925	112	295017	10.13	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	97918	10.70	UG/L		96
74) ETHYLBENZENE	7.056	91	500208	9.48	UG/L		100
75) M/P-XYLENES	7.176	91	835598	19.97	UG/L		98
76) 0-XYLENE	7.558	91	434016	10.62	UG/L		99
77) STYRENE	7.578	104	343128	10.33	UG/L		99
78) BROMOFORM	7.734	173	70622	12.89	UG/L	#	98
79) ISOPROPYLBENZENE	7.935	105	471458	10.32	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	35671	8.88	UG/L		94
81) 1,1,2,2-TETRACHLOROETHANE	8.253	83	142147	12.49	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.306	53	34122	9.54	UG/L		100
83) BROMOBENZENE	8.188	77	213694	9.81	UG/L		99
84) 1,2,3-TRICHLOROPROPANE	8.269	75	122273	12.03	UG/L		99
85) N-PROPYLBENZENE	8.339	91	515538	10.13	UG/L		100
86) 2-CHLOROT0LUENE	8.395	91	365476	10.40	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	407925	9.51	UG/L		100
88) 4-CHLOROTOLUENE	8.506	91	427406	10.33	UG/L		99
90) TERT-BUTYLBENZENE	8.830	119	289428	9.68	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	420717	9.62	UG/L		97
92) SEC-BUTYLBENZENE	9.047	105	410333	9.80	UG/L		98
93) 1,3-DICHLOROBENZENE	9.125	146	231566	10.79	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	348642	9.87	UG/L		99
95) 1,4-DICHLOROBENZENE	9.215	146	237761	9.62	UG/L		97
96) N-BUTYLBENZENE	9.608	91	301872	9.44	UG/L		98
97) 1,2-DICHLOROBENZENE	9.572	146	230681	10.80	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	23808	12.11	UG/L		94
99) 1,3,5-TRICHLOROBENZENE	10.548	180	138043	9.13	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	114625	9.68	UG/L		99
101) HEXACHLOROBUTADIENE	11.342	225	53884	9.99	UG/L		100
102) NAPHTHALENE	11.379	128	221983	9.58	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	90973	10.07	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080005.D
Acq On : 20 Mar 2012 7:27 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 09:47:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MS1	File ID:	VC080022.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	89.6	0.54	50	
107-13-1	Acrylonitrile	10.6	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.0	0.11	0.50	
71-43-2	Benzene	11.0	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	9.59	0.10	1.0	V-05
75-27-4	Bromodichloromethane	10.3	0.080	0.50	
75-25-2	Bromoform	11.5	0.25	1.0	
74-83-9	Bromomethane	5.74	0.38	2.0	MS-24, R-05
78-93-3	2-Butanone (MEK)	86.5	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	105	3.5	20	V-16
104-51-8	n-Butylbenzene	11.6	0.050	1.0	
135-98-8	sec-Butylbenzene	12.5	0.050	1.0	
98-06-6	tert-Butylbenzene	11.8	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.78	0.070	0.50	
75-15-0	Carbon Disulfide	10.1	0.050	2.0	
56-23-5	Carbon Tetrachloride	10.8	0.090	5.0	
108-90-7	Chlorobenzene	13.4	0.050	1.0	
124-48-1	Chlorodibromomethane	11.3	0.12	0.50	
75-00-3	Chloroethane	9.24	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	8.82	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.2	0.050	1.0	
106-43-4	4-Chlorotoluene	12.2	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.3	0.14	0.50	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MS1	File ID:	VC080022.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.7	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.9	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.97	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.24	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.3	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.2	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	25.5	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.5	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.4	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.7	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.2	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.4	0.12	0.50	
60-29-7	Diethyl Ether	9.47	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.1	0.030	0.50	
123-91-1	1,4-Dioxane	92.7	3.5	50	MS-23, V-16
100-41-4	Ethylbenzene	11.3	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.9	0.26	0.50	
591-78-6	2-Hexanone (MBK)	97.0	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	12.0	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	13.0	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MS1	File ID:	VC080022.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.41	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	96.9	0.22	10	
91-20-3	Naphthalene	7.24	0.21	5.0	V-05
103-65-1	n-Propylbenzene	12.1	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.3	0.18	0.50	
127-18-4	Tetrachloroethylene	152	0.14	1.0	MS-19
109-99-9	Tetrahydrofuran	10.0	1.0	10	R-05
108-88-3	Toluene	11.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.04	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.98	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.90	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.6	0.080	1.0	
79-01-6	Trichloroethylene	99.9	0.12	1.0	MS-19
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.5	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.6	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.0	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.1	0.060	1.0	
75-01-4	Vinyl Chloride	9.04	0.16	2.0	
108383/106423	m+p Xylene	23.3	0.070	2.0	
95-47-6	o-Xylene	12.1	0.050	1.0	

Data Path : X:\1\DATA\032012\
Data File : VC080022.D
Acq On : 20 Mar 2012 4:05 pm
Operator :
Sample : 12C0442-10MS1 Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 21 09:01:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	537944	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	799920	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	490447	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	437963	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	316213	22.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.44%				
49) TOLUENE SS	5.489	98	808965	25.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.36%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	376198	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	127397	9.24	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	138533	9.59	UG/L		95
5) CHLOROMETHANE	0.913	50	78502	8.82	UG/L		99
6) VINYL CHLORIDE	0.960	62	115515	9.04	UG/L		100
7) BROMOMETHANE	1.099	94	45741	5.74	UG/L		97
8) CHLOROETHANE	1.144	64	58945	9.24	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	208106	9.62	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.256	101	195214	10.23	UG/L		99
12) DI ETHYL ETHER	1.384	59	76880	9.47	UG/L		94
13) ACROLEIN	1.454	56	134672	2363.41	UG/L	#	1
14) ACETONE	1.532	43	210747	89.55	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	189856	10.13	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	108010	11.64	UG/L		96
17) IODOMETHANE	1.582	142	130406	12.49	UG/L		99
18) ACETONITRILE	1.696	41	112995	53.56	UG/L	#	65
19) ALLYL CHLORIDE	1.696	76	49797	7.78	UG/L	#	74
20) METHYL ACETATE	1.710	43	63527	5.63	UG/L	#	97
21) T-BUTYL ALCOHOL	1.838	59	69407	105.41	UG/L	#	84
22) ACRYLONITRILE	1.917	53	31706	10.58	UG/L		100
23) METHYLENE CHLORIDE	1.763	49	122775	8.41	UG/L		91
24) CARBON DISULFIDE	1.618	76	321104	10.10	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	330375	12.98	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.933	61	202337	11.49	UG/L		98
27) 1,1-DICHLOROETHANE	2.226	63	233120	11.29	UG/L		100
28) VINYL ACETATE	2.271	43	1774983	98.59	UG/L		100
29) DI ISOPROYL ETHER	2.285	45	294862	10.12	UG/L		99
31) 2-BUTANONE	2.739	43	307142	86.50	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	318815	9.78	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.709	61	548467	25.48	UG/L		92
34) 2,2-DICHLOROPROPANE	2.697	77	147207	10.38	UG/L	#	84
35) ETHYL ACETATE	2.803	43	19355	2.02	UG/L	#	85
36) PROPIONITRILE	2.806	54	11264	9.86	UG/L	#	83
37) METHACRYLONITRILE	2.948	41	44131	8.26	UG/L	#	63
38) BROMOCHLOROMETHANE	2.934	49	88664	9.59	UG/L		93
39) TETRAHYDROFURAN	3.001	42	19822	10.01	UG/L	#	62
40) CHLOROFORM	3.040	83	236950	11.23	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	205732	10.84	UG/L	#	78
42) CYCLOHEXANE	3.252	56	189462	11.11	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	151196	10.76	UG/L		96
44) 1,1-DICHLOROPROPENE	3.381	75	175334	10.68	UG/L		99
45) BENZENE	3.593	78	464628	11.05	UG/L		99
46) ISOBUTANOL	3.740	41	36203	93.05	UG/L	#	19
47) T-AMYLMETHYL ETHER	3.740	73	261640	10.00	UG/L		97

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 21 09:01:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

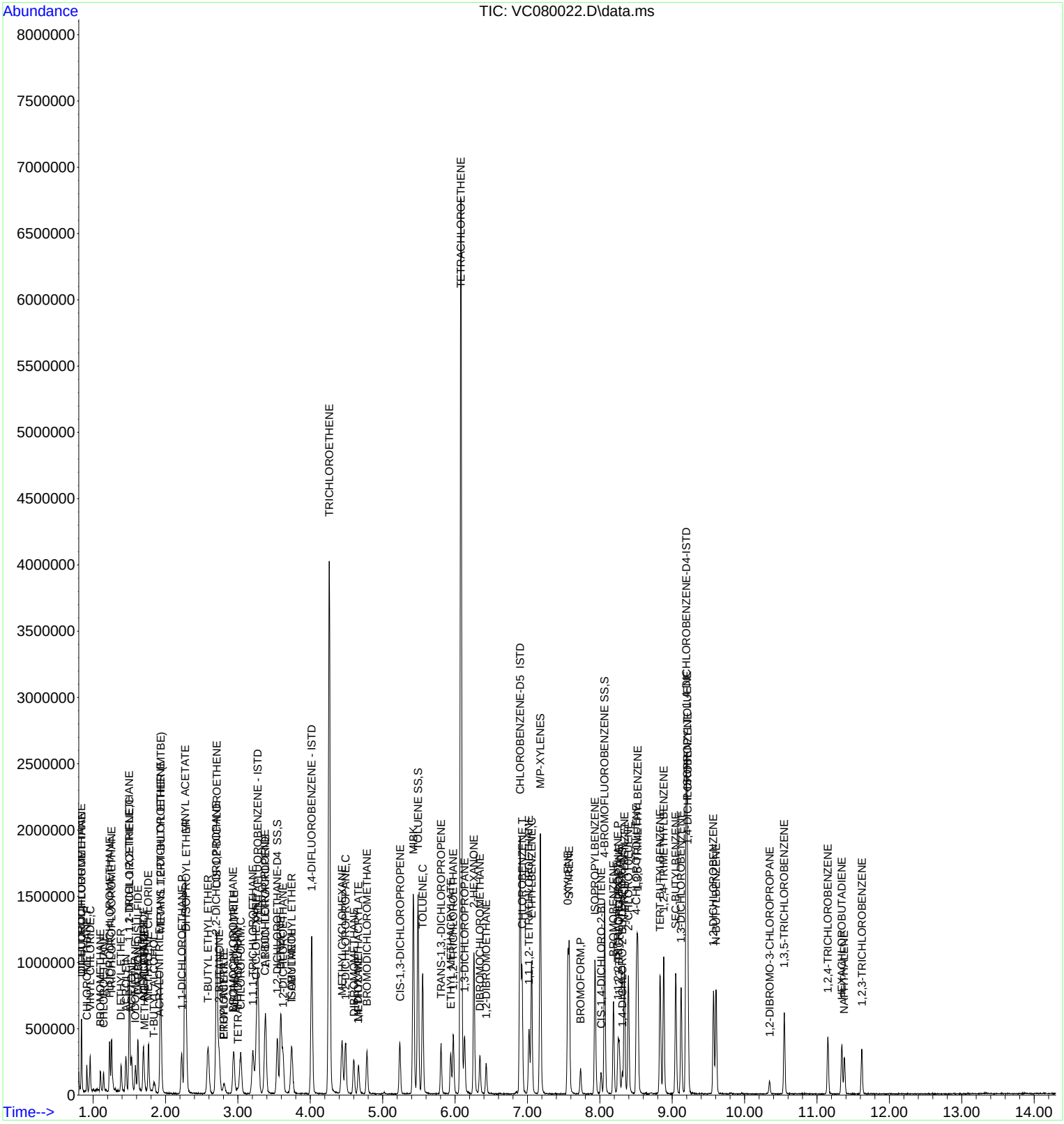
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 1,2-DICHLOROETHANE	3.623	62	241439	11.23 UG/L	100
51) TRICHLOROETHENE	4.262	95	1171608	99.88 UG/L	99
52) METHYLCYCLOHEXANE	4.440	83	150791	12.12 UG/L #	89
53) 1,2-DICHLOROPROPANE	4.488	63	117321	10.96 UG/L	95
54) DIBROMOMETHANE	4.605	93	82648	10.70 UG/L	96
55) METHYL METHACRYLATE	4.663	41	76503	8.98 UG/L #	86
56) 1,4-DIOXANE	4.661	88	5420	92.71 UG/L #	28
57) BROMODICHLOROMETHANE	4.783	83	166571	10.32 UG/L	99
59) MIBK	5.425	43	749947	96.90 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.241	75	178780	11.22 UG/L	100
61) TOLUENE	5.553	91	534058	11.79 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	156010	12.35 UG/L	99
63) ETHYL METHACRYLATE	5.941	69	122376	5.42 UG/L	93
64) 1,1,2-TRICHLOROETHANE	5.974	97	107543	11.61 UG/L	95
65) 2-HEXANONE	6.261	43	513581	97.04 UG/L	98
66) TETRACHLOROETHENE	6.080	166	1685108	151.82 UG/L	97
67) 1,3-DICHLOROPROPANE	6.130	76	177590	10.99 UG/L	98
68) DIBROMOCHLOROMETHANE	6.342	129	114461	11.28 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	111089	11.33 UG/L	98
72) CHLOROBENZENE	6.928	112	391916	13.35 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	104183	11.30 UG/L	97
74) ETHYLBENZENE	7.059	91	602850	11.33 UG/L	100
75) M/P-XYLENES	7.179	91	983056	23.30 UG/L	100
76) 0-XYLENE	7.558	91	498869	12.11 UG/L	99
77) STYRENE	7.577	104	384616	11.48 UG/L	98
78) BROMOFORM	7.734	173	63662	11.53 UG/L	98
79) ISOPROPYLBENZENE	7.932	105	569150	12.36 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	29065	7.18 UG/L	93
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	129553	11.29 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	28732	7.97 UG/L	91
83) BROMOBENZENE	8.188	77	234703	10.69 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.266	75	107567	10.50 UG/L	98
85) N-PROPYLBENZENE	8.342	91	622785	12.13 UG/L	99
86) 2-CHLOROT0LUENE	8.395	91	432266	12.20 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	480467	11.11 UG/L	99
88) 4-CHLOROTOLUENE	8.506	91	508838	12.20 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	353805	11.82 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	482846	11.02 UG/L	100
92) SEC-BUTYLBENZENE	9.047	105	524396	12.50 UG/L	100
93) 1,3-DICHLOROBENZENE	9.122	146	255802	11.90 UG/L	98
94) P-ISOPROPYLTOLUENE	9.209	119	425157	12.02 UG/L	100
95) 1,4-DICHLOROBENZENE	9.214	146	263498	10.65 UG/L	97
96) N-BUTYLBENZENE	9.605	91	370697	11.57 UG/L	99
97) 1,2-DICHLOROBENZENE	9.569	146	241898	11.31 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	19896	10.10 UG/L	95
99) 1,3,5-TRICHLOROBENZENE	10.547	180	149874	9.90 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	106419	8.98 UG/L	95
101) HEXACHLOROBUTADIENE	11.345	225	64089	11.87 UG/L	99
102) NAPHTHALENE	11.376	128	167876	7.24 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	81799	9.04 UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080022.D
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Sample : 12C0442-10MS1 Inst : GCMSVOA3
Misc :
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Quant Time: Mar 21 09:01:44 2012
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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
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con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MSD1	File ID:	VC080023.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	94.7	0.54	50	
107-13-1	Acrylonitrile	10.6	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.3	0.11	0.50	
71-43-2	Benzene	11.9	0.050	1.0	
108-86-1	Bromobenzene	11.3	0.10	1.0	
74-97-5	Bromochloromethane	9.93	0.10	1.0	V-05
75-27-4	Bromodichloromethane	10.7	0.080	0.50	
75-25-2	Bromoform	12.3	0.25	1.0	
74-83-9	Bromomethane	7.72	0.38	2.0	R-05
78-93-3	2-Butanone (MEK)	98.0	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	119	3.5	20	V-16
104-51-8	n-Butylbenzene	11.4	0.050	1.0	
135-98-8	sec-Butylbenzene	12.6	0.050	1.0	
98-06-6	tert-Butylbenzene	12.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	10.6	0.050	2.0	
56-23-5	Carbon Tetrachloride	12.0	0.090	5.0	
108-90-7	Chlorobenzene	13.8	0.050	1.0	
124-48-1	Chlorodibromomethane	12.0	0.12	0.50	
75-00-3	Chloroethane	9.93	0.33	2.0	
67-66-3	Chloroform	12.0	0.040	2.0	
74-87-3	Chloromethane	9.12	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.6	0.050	1.0	
106-43-4	4-Chlorotoluene	12.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.3	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.8	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MSD1	File ID:	VC080023.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.9	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.67	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.79	0.040	2.0	V-05
75-34-3	1,1-Dichloroethane	11.7	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.0	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	26.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.2	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.4	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	13.1	0.12	0.50	MS-24
60-29-7	Diethyl Ether	9.80	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.2	0.030	0.50	
123-91-1	1,4-Dioxane	136	3.5	50	MS-23, V-16
100-41-4	Ethylbenzene	11.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.1	0.26	0.50	
591-78-6	2-Hexanone (MBK)	101	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.9	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	12.0	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	14.1	0.050	1.0	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0442
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048211-MSD1	File ID:	VC080023.D
Sampled:		Prepared:	03/20/12 08:55	Analyzed:	03/20/12 16:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048211	Sequence:	S002001	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.09	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	100	0.22	10	
91-20-3	Naphthalene	7.72	0.21	5.0	V-05
103-65-1	n-Propylbenzene	12.8	0.040	1.0	
100-42-5	Styrene	11.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	12.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.9	0.18	0.50	
127-18-4	Tetrachloroethylene	146	0.14	1.0	MS-19
109-99-9	Tetrahydrofuran	11.3	1.0	10	R-05
108-88-3	Toluene	11.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.09	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.52	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.80	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.5	0.080	1.0	
79-01-6	Trichloroethylene	100	0.12	1.0	MS-19
75-69-4	Trichlorofluoromethane (Freon 11)	11.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.9	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.7	0.060	1.0	
75-01-4	Vinyl Chloride	9.07	0.16	2.0	
108383/106423	m+p Xylene	24.3	0.070	2.0	
95-47-6	o-Xylene	12.6	0.050	1.0	

Data Path : X:\1\DATA\032012\
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Acq On : 20 Mar 2012 4:35 pm
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Sample : 12C0442-10MSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 22 11:49:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	525363	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	799659	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	487167	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	449155	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	308066	22.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.20%				
49) TOLUENE SS	5.489	98	792280	25.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	366814	24.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	131844	9.79	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	148722	10.54	UG/L		96
5) CHLOROMETHANE	0.913	50	79272	9.12	UG/L		97
6) VINYL CHLORIDE	0.960	62	113195	9.07	UG/L		92
7) BROMOMETHANE	1.102	94	59112	7.72	UG/L		96
8) CHLOROETHANE	1.144	64	61846	9.93	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	216511	10.25	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.253	101	209464	11.24	UG/L		97
12) DI ETHYL ETHER	1.387	59	77740	9.80	UG/L		92
13) ACROLEIN	1.451	56	141335	2540.91	UG/L	#	1
14) ACETONE	1.532	43	217632	94.69	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	201032	10.98	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	107686	11.88	UG/L		98
17) IODOMETHANE	1.588	142	161266	14.31	UG/L		99
18) ACETONITRILE	1.694	41	112796	54.74	UG/L	#	64
19) ALLYL CHLORIDE	1.696	76	55741	8.91	UG/L	#	71
20) METHYL ACETATE	1.708	43	59828	5.42	UG/L	#	89
21) T-BUTYL ALCOHOL	1.844	59	76623	119.16	UG/L	#	99
22) ACRYLONITRILE	1.919	53	31104m	10.63	UG/L		
23) METHYLENE CHLORIDE	1.766	49	129589	9.09	UG/L		93
24) CARBON DISULFIDE	1.618	76	330170	10.63	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	351131	14.13	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.933	61	203409	11.82	UG/L		98
27) 1,1-DICHLOROETHANE	2.226	63	236360	11.72	UG/L		98
28) VINYL ACETATE	2.271	43	1849215	105.17	UG/L		99
29) DI ISOPROYL ETHER	2.285	45	290053	10.19	UG/L		95
31) 2-BUTANONE	2.737	43	339876	98.01	UG/L		99
32) T-BUTYL ETHYL ETHER	2.589	59	336456	10.57	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.706	61	545588	25.96	UG/L		91
34) 2,2-DICHLOROPROPANE	2.700	77	154551	11.16	UG/L	#	90
35) ETHYL ACETATE	2.809	43	74206	7.91	UG/L	#	97
36) PROPIONITRILE	2.801	54	12230	10.97	UG/L	#	81
37) METHACRYLONITRILE	2.943	41	48595	9.31	UG/L	#	84
38) BROMOCHLOROMETHANE	2.937	49	89631	9.93	UG/L		92
39) TETRAHYDROFURAN	2.993	42	21877m	11.32	UG/L		
40) CHLOROFORM	3.038	83	246458	11.96	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	224254	12.10	UG/L		98
42) CYCLOHEXANE	3.252	56	188180	11.29	UG/L		93
43) CARBON TETRACHLORIDE	3.378	117	164447	11.98	UG/L		99
44) 1,1-DICHLOROPROPENE	3.386	75	183055	11.42	UG/L		97
45) BENZENE	3.593	78	489668	11.92	UG/L		97
46) ISOBUTANOL	3.738	41	19393	51.04	UG/L	#	93
47) T-AMYLMETHYL ETHER	3.743	73	289676	11.34	UG/L	#	85

Data Path : X:\1\DATA\032012\
Data File : VC080023.D
Acq On : 20 Mar 2012 4:35 pm
Operator :
Sample : 12C0442-10MSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 22 11:49:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

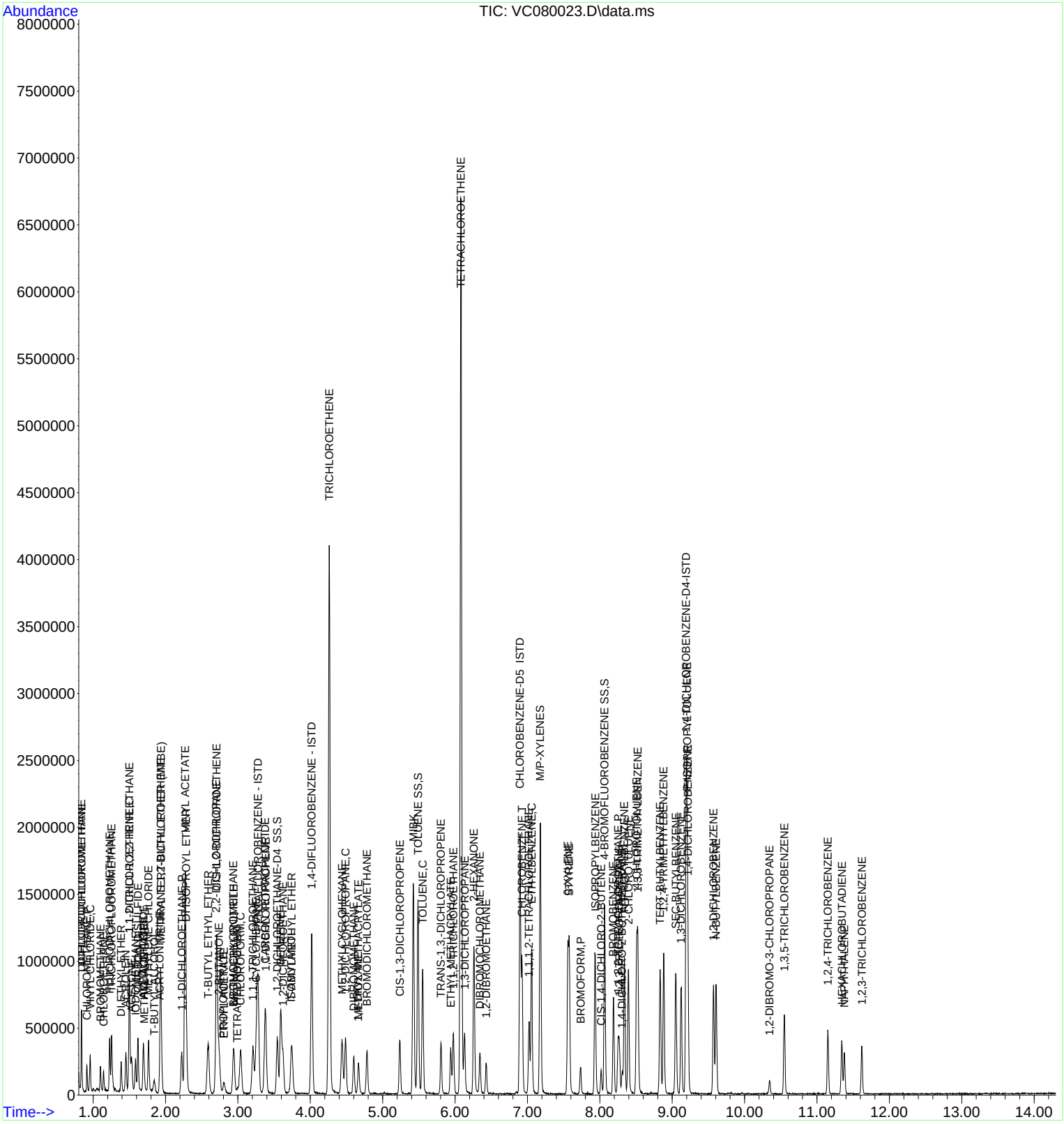
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 1,2-DICHLOROETHANE	3.623	62	233788	10.88 UG/L #	92
51) TRICHLOROETHENE	4.262	95	1176863	100.36 UG/L	99
52) METHYLCYCLOHEXANE	4.438	83	157347	12.66 UG/L	94
53) 1,2-DICHLOROPROPANE	4.488	63	124655	11.65 UG/L	95
54) DIBROMOMETHANE	4.602	93	86062	11.15 UG/L	97
55) METHYL METHACRYLATE	4.663	41	77833	9.14 UG/L #	86
56) 1,4-DIOXANE	4.661	88	7937	135.81 UG/L #	33
57) BROMODICHLOROMETHANE	4.783	83	172628	10.70 UG/L	99
59) MIBK	5.425	43	777142	100.44 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	180069	11.31 UG/L	100
61) TOLUENE	5.553	91	536754	11.85 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	165000	13.06 UG/L	99
63) ETHYL METHACRYLATE	5.943	69	130459	5.78 UG/L	93
64) 1,1,2-TRICHLOROETHANE	5.977	97	106252	11.47 UG/L	98
65) 2-HEXANONE	6.261	43	535863	101.28 UG/L	96
66) TETRACHLOROETHENE	6.080	166	1616304	145.66 UG/L	98
67) 1,3-DICHLOROPROPANE	6.133	76	179990	11.15 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	121582	11.99 UG/L	100
69) 1,2-DIBROMOETHANE	6.429	107	115663	11.80 UG/L	99
72) CHLOROBENZENE	6.925	112	403853	13.85 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	112038	12.23 UG/L	98
74) ETHYLBENZENE	7.059	91	626626	11.86 UG/L	99
75) M/P-XYLENES	7.176	91	1017799	24.29 UG/L	99
76) 0-XYLENE	7.558	91	516573	12.63 UG/L	99
77) STYRENE	7.578	104	396008	11.90 UG/L	97
78) BROMOFORM	7.737	173	67595	12.32 UG/L #	95
79) ISOPROPYLBENZENE	7.937	105	591541	12.93 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	33844	8.41 UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	135744	11.91 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	31046	8.67 UG/L	90
83) BROMOBENZENE	8.186	77	247009	11.33 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.269	75	116268	11.42 UG/L	100
85) N-PROPYLBENZENE	8.339	91	654437	12.84 UG/L	99
86) 2-CHLOROT0LUENE	8.397	91	442005	12.56 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	504158	11.74 UG/L	98
88) 4-CHLOROTOLUENE	8.509	91	524967	12.67 UG/L	99
90) TERT-BUTYLBENZENE	8.832	119	367569	11.97 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	498340	11.09 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	540637	12.57 UG/L	99
93) 1,3-DICHLOROBENZENE	9.123	146	256828	11.65 UG/L	97
94) P-ISOPROPYLTOLUENE	9.209	119	435919	12.01 UG/L	100
95) 1,4-DICHLOROBENZENE	9.217	146	269304	10.61 UG/L	96
96) N-BUTYLBENZENE	9.605	91	375879	11.44 UG/L	98
97) 1,2-DICHLOROBENZENE	9.571	146	260466	11.87 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	20795	10.30 UG/L	99
99) 1,3,5-TRICHLOROBENZENE	10.550	180	152027	9.80 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	115729	9.52 UG/L	100
101) HEXACHLOROBUTADIENE	11.348	225	61714	11.14 UG/L	93
102) NAPHTHALENE	11.379	128	183675	7.72 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	84284	9.09 UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032012\
Data File : VC080023.D
Acq On : 20 Mar 2012 4:35 pm
Operator :
Sample : 12C0442-10MSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 22 11:49:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



Data Package

con-test®
ANALYTICAL LABORATORY

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March 27, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: EN.002699.0025.06
Laboratory Work Order Number: 12C0539

Enclosed are results of analyses for samples received by the laboratory on March 17, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Charles W. Balicki
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0539

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB31512-02	12C0539-01	Trip Blank Water		SW-846 8260C	
PW-1-CH0-March 2012	12C0539-02	Ground Water		SW-846 8260C	
PW-1-CH6-March 2012	12C0539-03	Ground Water		SW-846 8260C	
PW-3-CH2-March 2012	12C0539-04	Ground Water		SW-846 8260C	
PW-3-CH0-March 2012	12C0539-05	Ground Water		SW-846 8260C	
PW-3-CH5-March 2012	12C0539-06	Ground Water		SW-846 8260C	
PW-4-CH5-March 2012	12C0539-07	Ground Water		SW-846 8260C	
PW-4-CH0-March 2012	12C0539-08	Ground Water		SW-846 8260C	
PW-6-CH5-March 2012	12C0539-09	Ground Water		SW-846 8260C	
PW-6-CH3-March 2012	12C0539-10	Ground Water		SW-846 8260C	
PW-6-CH0-March 2012	12C0539-11	Ground Water		SW-846 8260C	
PW-6-CH4-March 2012	12C0539-12	Ground Water		SW-846 8260C	
PW-9-CH4-March 2012	12C0539-13	Ground Water		SW-846 8260C	
PW-9-CH01-March 2012	12C0539-14	Ground Water		SW-846 8260C	
EPA-MW4A-March 2012	12C0539-15	Ground Water		SW-846 8260C	
EPA-MW-5A-March 2012	12C0539-16	Ground Water		SW-846 8260C	
EPA-MW5B-March 2012	12C0539-17	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

B048557-BS1, B048557-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Bromoform, Tetrachloroethylene, trans-1,3-Dichloropropene

B048283-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Bromomethane

12C0539-01[TB31512-02], 12C0539-02[PW-1-CH0-March 2012], 12C0539-03[PW-1-CH6-March 2012], 12C0539-04[PW-3-CH2-March 2012], 12C0539-05[PW-3-CH0-March 2012], 12C0539-06[PW-3-CH5-March 2012], 12C0539-07[PW-4-CH5-March 2012], 12C0539-08[PW-4-CH0-March 2012], 12C0539-09[PW-6-CH5-March 2012], 12C0539-10[PW-6-CH3-March 2012], 12C0539-11[PW-6-CH0-March 2012], 12C0539-12[PW-6-CH4-March 2012], 12C0539-13[PW-9-CH4-March 2012], 12C0539-14[PW-9-CH01-March 2012], 12C0539-15[EPA-MW4A-March 2012], 12C0539-16[EPA-MW-5A-March 2012], B048283-BLK1, B048283-BS1, B048283-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Bromomethane, Naphthalene, tert-Butyl Alcohol (TBA), trans-1,4-Dichloro-2-butene

12C0539-01[TB31512-02], 12C0539-02[PW-1-CH0-March 2012], 12C0539-03[PW-1-CH6-March 2012], 12C0539-04[PW-3-CH2-March 2012], 12C0539-05[PW-3-CH0-March 2012], 12C0539-06[PW-3-CH5-March 2012], 12C0539-07[PW-4-CH5-March 2012], 12C0539-08[PW-4-CH0-March 2012], 12C0539-09[PW-6-CH5-March 2012], 12C0539-10[PW-6-CH3-March 2012], 12C0539-11[PW-6-CH0-March 2012], 12C0539-12[PW-6-CH4-March 2012], 12C0539-13[PW-9-CH4-March 2012], 12C0539-14[PW-9-CH01-March 2012], 12C0539-15[EPA-MW4A-March 2012], 12C0539-16[EPA-MW-5A-March 2012], B048283-BLK1, B048283-BS1, B048283-BSD1, 12C0539-17[EPA-MW5B-March 2012], B048557-BLK1, B048557-BS1, B048557-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

12C0539-01[TB31512-02], 12C0539-02[PW-1-CH0-March 2012], 12C0539-03[PW-1-CH6-March 2012], 12C0539-04[PW-3-CH2-March 2012], 12C0539-05[PW-3-CH0-March 2012], 12C0539-06[PW-3-CH5-March 2012], 12C0539-07[PW-4-CH5-March 2012], 12C0539-08[PW-4-CH0-March 2012], 12C0539-09[PW-6-CH5-March 2012], 12C0539-10[PW-6-CH3-March 2012], 12C0539-11[PW-6-CH0-March 2012], 12C0539-12[PW-6-CH4-March 2012], 12C0539-13[PW-9-CH4-March 2012], 12C0539-14[PW-9-CH01-March 2012], 12C0539-15[EPA-MW4A-March 2012], 12C0539-16[EPA-MW-5A-March 2012], 12C0539-17[EPA-MW5B-March 2012], B048283-BLK1, B048283-BS1, B048283-BSD1, B048557-BLK1, B048557-BS1, B048557-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Bromoform, Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12)

B048283-BS1, B048283-BSD1, B048557-BS1, B048557-BSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: TB31512-02 | Sampled: 3/15/2012 07:00

Sample ID: 12C0539-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 13:57	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 13:57	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: TB31512-02 | Sampled: 3/15/2012 07:00

Sample ID: 12C0539-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 13:57	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 13:57	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.3	70-130		3/21/12 13:57
Toluene-d8	103	70-130		3/21/12 13:57
4-Bromofluorobenzene	98.5	70-130		3/21/12 13:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-1-CH0-March 2012 | Sampled: 3/15/2012 08:59

Sample ID: 12C0539-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 14:57	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 14:57	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-1-CH0-March 2012 | Sampled: 3/15/2012 08:59

Sample ID: 12C0539-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 14:57	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 14:57	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.3	70-130		3/21/12 14:57
Toluene-d8	101	70-130		3/21/12 14:57
4-Bromofluorobenzene	98.6	70-130		3/21/12 14:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-1-CH6-March 2012 | Sampled: 3/15/2012 09:13

Sample ID: 12C0539-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 15:27	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 15:27	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-1-CH6-March 2012 | Sampled: 3/15/2012 09:13

Sample ID: 12C0539-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 15:27	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Tetrachloroethylene	5.2	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:27	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.7	70-130		3/21/12 15:27
Toluene-d8	99.1	70-130		3/21/12 15:27
4-Bromofluorobenzene	99.0	70-130		3/21/12 15:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH2-March 2012 | Sampled: 3/15/2012 10:41

Sample ID: 12C0539-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 15:57	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 15:57	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH2-March 2012 | Sampled: 3/15/2012 10:41

Sample ID: 12C0539-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 15:57	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Tetrachloroethylene	4.3	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 15:57	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.5	70-130		3/21/12 15:57
Toluene-d8	97.8	70-130		3/21/12 15:57
4-Bromofluorobenzene	98.9	70-130		3/21/12 15:57

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH0-March 2012 | Sampled: 3/15/2012 11:13

Sample ID: 12C0539-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 16:27	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 16:27	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
cis-1,2-Dichloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH0-March 2012 | Sampled: 3/15/2012 11:13

Sample ID: 12C0539-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 16:27	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Tetrachloroethylene	4.0	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:27	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.7	70-130		3/21/12 16:27
Toluene-d8	98.5	70-130		3/21/12 16:27
4-Bromofluorobenzene	102	70-130		3/21/12 16:27

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH5-March 2012 | Sampled: 3/15/2012 11:31

Sample ID: 12C0539-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 16:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 16:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-3-CH5-March 2012 | Sampled: 3/15/2012 11:31

Sample ID: 12C0539-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 16:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Tetrachloroethylene	4.9	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 16:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	96.0	70-130		3/21/12 16:58
Toluene-d8	99.8	70-130		3/21/12 16:58
4-Bromofluorobenzene	96.6	70-130		3/21/12 16:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-4-CH5-March 2012 | Sampled: 3/15/2012 12:24

Sample ID: 12C0539-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 17:28	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 17:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-4-CH5-March 2012 | Sampled: 3/15/2012 12:24

Sample ID: 12C0539-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 17:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.9	70-130		3/21/12 17:28
Toluene-d8	99.3	70-130		3/21/12 17:28
4-Bromofluorobenzene	97.0	70-130		3/21/12 17:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-4-CH0-March 2012 | Sampled: 3/15/2012 13:02

Sample ID: 12C0539-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 17:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 17:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-4-CH0-March 2012 | Sampled: 3/15/2012 13:02

Sample ID: 12C0539-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 17:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Tetrachloroethylene	5.3	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 17:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	95.0	70-130		3/21/12 17:58
Toluene-d8	100	70-130		3/21/12 17:58
4-Bromofluorobenzene	96.2	70-130		3/21/12 17:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH5-March 2012 | Sampled: 3/15/2012 14:17

Sample ID: 12C0539-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 18:28	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 18:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH5-March 2012 | Sampled: 3/15/2012 14:17

Sample ID: 12C0539-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 18:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.9	70-130		3/21/12 18:28
Toluene-d8	101	70-130		3/21/12 18:28
4-Bromofluorobenzene	96.9	70-130		3/21/12 18:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH3-March 2012 | Sampled: 3/15/2012 14:49

Sample ID: 12C0539-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 18:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 18:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH3-March 2012 | Sampled: 3/15/2012 14:49

Sample ID: 12C0539-10

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 18:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 18:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.8	70-130		3/21/12 18:58
Toluene-d8	100	70-130		3/21/12 18:58
4-Bromofluorobenzene	98.9	70-130		3/21/12 18:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH0-March 2012 | Sampled: 3/15/2012 15:25

Sample ID: 12C0539-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 19:28	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 19:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH0-March 2012 | Sampled: 3/15/2012 15:25

Sample ID: 12C0539-11

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 19:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Tetrachloroethylene	1.1	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	95.6	70-130		3/21/12 19:28
Toluene-d8	98.9	70-130		3/21/12 19:28
4-Bromofluorobenzene	102	70-130		3/21/12 19:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH4-March 2012 | Sampled: 3/15/2012 15:47

Sample ID: 12C0539-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 19:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 19:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-6-CH4-March 2012 | Sampled: 3/15/2012 15:47

Sample ID: 12C0539-12

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 19:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 19:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.4	70-130		3/21/12 19:58
Toluene-d8	97.3	70-130		3/21/12 19:58
4-Bromofluorobenzene	100	70-130		3/21/12 19:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-9-CH4-March 2012 | Sampled: 3/15/2012 16:49

Sample ID: 12C0539-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 20:28	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 20:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-9-CH4-March 2012 | Sampled: 3/15/2012 16:49

Sample ID: 12C0539-13

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 20:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Tetrachloroethylene	14	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Trichloroethylene	3.1	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	93.8	70-130		3/21/12 20:28
Toluene-d8	100	70-130		3/21/12 20:28
4-Bromofluorobenzene	101	70-130		3/21/12 20:28

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-9-CH01-March 2012 | Sampled: 3/15/2012 17:33

Sample ID: 12C0539-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 20:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 20:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2-Dichlorobenzene	1.5	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,4-Dichlorobenzene	1.1	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
cis-1,2-Dichloroethylene	4.2	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: PW-9-CH01-March 2012 | Sampled: 3/15/2012 17:33

Sample ID: 12C0539-14

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 20:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Tetrachloroethylene	38	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Trichloroethylene	6.9	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 20:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.9	70-130		3/21/12 20:58
Toluene-d8	100	70-130		3/21/12 20:58
4-Bromofluorobenzene	99.3	70-130		3/21/12 20:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW4A-March 2012 | Sampled: 3/16/2012 08:18

Sample ID: 12C0539-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 21:28	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 21:28	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW4A-March 2012 | Sampled: 3/16/2012 08:18

Sample ID: 12C0539-15

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 21:28	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Tetrachloroethylene	16	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:28	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.2	70-130		3/21/12 21:28
Toluene-d8	98.6	70-130		3/21/12 21:28
4-Bromofluorobenzene	96.7	70-130		3/21/12 21:28

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW-5A-March 2012 | Sampled: 3/16/2012 09:21

Sample ID: 12C0539-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/21/12	3/21/12 21:58	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 21:58	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW-5A-March 2012 | Sampled: 3/16/2012 09:21

Sample ID: 12C0539-16

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Naphthalene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 21:58	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Tetrachloroethylene	4.0	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/21/12	3/21/12 21:58	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.5	70-130		3/21/12 21:58
Toluene-d8	101	70-130		3/21/12 21:58
4-Bromofluorobenzene	97.9	70-130		3/21/12 21:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW5B-March 2012 | Sampled: 3/16/2012 10:15

Sample ID: 12C0539-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 0:24	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 0:24	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0539

Date Received: 3/17/2012

Field Sample #: EPA-MW5B-March 2012 | Sampled: 3/16/2012 10:15

Sample ID: 12C0539-17

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:24	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		3/27/12 0:24
Toluene-d8	99.5	70-130		3/27/12 0:24
4-Bromofluorobenzene	98.9	70-130		3/27/12 0:24

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0539-01 [TB31512-02]	B048283	5	5.00	03/21/12
12C0539-02 [PW-1-CH0-March 2012]	B048283	5	5.00	03/21/12
12C0539-03 [PW-1-CH6-March 2012]	B048283	5	5.00	03/21/12
12C0539-04 [PW-3-CH2-March 2012]	B048283	5	5.00	03/21/12
12C0539-05 [PW-3-CH0-March 2012]	B048283	5	5.00	03/21/12
12C0539-06 [PW-3-CH5-March 2012]	B048283	5	5.00	03/21/12
12C0539-07 [PW-4-CH5-March 2012]	B048283	5	5.00	03/21/12
12C0539-08 [PW-4-CH0-March 2012]	B048283	5	5.00	03/21/12
12C0539-09 [PW-6-CH5-March 2012]	B048283	5	5.00	03/21/12
12C0539-10 [PW-6-CH3-March 2012]	B048283	5	5.00	03/21/12
12C0539-11 [PW-6-CH0-March 2012]	B048283	5	5.00	03/21/12
12C0539-12 [PW-6-CH4-March 2012]	B048283	5	5.00	03/21/12
12C0539-13 [PW-9-CH4-March 2012]	B048283	5	5.00	03/21/12
12C0539-14 [PW-9-CH01-March 2012]	B048283	5	5.00	03/21/12
12C0539-15 [EPA-MW4A-March 2012]	B048283	5	5.00	03/21/12
12C0539-16 [EPA-MW-5A-March 2012]	B048283	5	5.00	03/21/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0539-17 [EPA-MW5B-March 2012]	B048557	5	5.00	03/26/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048283 - SW-846 5030B										
Blank (B048283-BLK1)				Prepared & Analyzed: 03/21/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048283 - SW-846 5030B											
Blank (B048283-BLK1)				Prepared & Analyzed: 03/21/12							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	5.0	µg/L							V-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.3	70-130				
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.7	70-130				
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		101	70-130				
LCS (B048283-BS1)				Prepared & Analyzed: 03/21/12							
Acetone	129	50	µg/L	100		129	70-160				†
Acrylonitrile	10.5	5.0	µg/L	10.0		105	70-130				
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	10.5	1.0	µg/L	10.0		105	70-130				
Bromochloromethane	9.73	1.0	µg/L	10.0		97.3	70-130				
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130				
Bromoform	12.6	1.0	µg/L	10.0		126	70-130				
Bromomethane	4.64	2.0	µg/L	10.0		46.4	40-160			R-05, V-20	†
2-Butanone (MEK)	102	20	µg/L	100		102	40-160				†
tert-Butyl Alcohol (TBA)	105	20	µg/L	100		105	40-160			V-16	†
n-Butylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
sec-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130				
tert-Butylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.0	0.50	µg/L	10.0		100	70-130				
Carbon Disulfide	9.99	2.0	µg/L	10.0		99.9	70-130				
Carbon Tetrachloride	11.1	5.0	µg/L	10.0		111	70-130				
Chlorobenzene	11.6	1.0	µg/L	10.0		116	70-130				
Chlorodibromomethane	11.8	0.50	µg/L	10.0		118	70-130				
Chloroethane	8.76	2.0	µg/L	10.0		87.6	70-130				
Chloroform	11.2	2.0	µg/L	10.0		112	70-130				
Chloromethane	8.20	2.0	µg/L	10.0		82.0	40-160				†
2-Chlorotoluene	11.9	1.0	µg/L	10.0		119	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048283 - SW-846 5030B											
LCS (B048283-BS1)				Prepared & Analyzed: 03/21/12							
4-Chlorotoluene	11.9	1.0	µg/L	10.0		119	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	11.2	5.0	µg/L	10.0		112	70-130				
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130				
Dibromomethane	11.4	1.0	µg/L	10.0		114	70-130				
1,2-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130				
1,3-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130				
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
trans-1,4-Dichloro-2-butene	10.1	2.0	µg/L	10.0		101	70-130				
Dichlorodifluoromethane (Freon 12)	8.22	2.0	µg/L	10.0		82.2	40-160				†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130				
1,1-Dichloroethylene	9.38	1.0	µg/L	10.0		93.8	70-130				
cis-1,2-Dichloroethylene	9.68	1.0	µg/L	10.0		96.8	70-130				
trans-1,2-Dichloroethylene	9.97	1.0	µg/L	10.0		99.7	70-130				
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130				
1,3-Dichloropropane	11.5	0.50	µg/L	10.0		115	70-130				
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	40-130				†
1,1-Dichloropropene	10.4	2.0	µg/L	10.0		104	70-130				
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130				
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128	70-130				
Diethyl Ether	9.73	2.0	µg/L	10.0		97.3	70-130				
Diisopropyl Ether (DIPE)	9.69	0.50	µg/L	10.0		96.9	70-130				
1,4-Dioxane	130	50	µg/L	100		130	40-130			V-16, V-20	†
Ethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
Hexachlorobutadiene	11.3	0.50	µg/L	10.0		113	70-130				
2-Hexanone (MBK)	105	10	µg/L	100		105	70-160				†
Isopropylbenzene (Cumene)	12.1	1.0	µg/L	10.0		121	70-130				
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111	70-130				
Methyl tert-Butyl Ether (MTBE)	11.7	1.0	µg/L	10.0		117	70-130				
Methylene Chloride	10.3	5.0	µg/L	10.0		103	70-130				
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160				†
Naphthalene	6.79	5.0	µg/L	10.0		67.9	40-130			V-05	†
n-Propylbenzene	12.0	1.0	µg/L	10.0		120	70-130				
Styrene	11.5	1.0	µg/L	10.0		115	70-130				
1,1,1,2-Tetrachloroethane	11.4	1.0	µg/L	10.0		114	70-130				
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118	70-130				
Tetrachloroethylene	11.9	1.0	µg/L	10.0		119	70-130				
Tetrahydrofuran	9.73	10	µg/L	10.0		97.3	70-130				
Toluene	11.4	1.0	µg/L	10.0		114	70-130				
1,2,3-Trichlorobenzene	8.67	5.0	µg/L	10.0		86.7	70-130			V-05	
1,2,4-Trichlorobenzene	9.04	1.0	µg/L	10.0		90.4	70-130				
1,3,5-Trichlorobenzene	9.47	1.0	µg/L	10.0		94.7	70-130				
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1,2-Trichloroethane	11.7	1.0	µg/L	10.0		117	70-130				
Trichloroethylene	11.0	1.0	µg/L	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	9.49	2.0	µg/L	10.0		94.9	70-130				
1,2,3-Trichloropropane	10.8	2.0	µg/L	10.0		108	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8	1.0	µg/L	10.0		108	70-130				
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111	70-130				
1,3,5-Trimethylbenzene	11.2	1.0	µg/L	10.0		112	70-130				
Vinyl Chloride	8.31	2.0	µg/L	10.0		83.1	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B048283 - SW-846 5030B													
LCS (B048283-BS1)				Prepared & Analyzed: 03/21/12									
m+p Xylene	22.8	2.0	µg/L	20.0		114		70-130					
o-Xylene	11.7	1.0	µg/L	10.0		117		70-130					
Surrogate: 1,2-Dichloroethane-d4	*22.5*		µg/L	25.0		90.0		70-130					
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6		70-130					
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130					
LCS Dup (B048283-BSD1)				Prepared & Analyzed: 03/21/12									
Acetone	134	50	µg/L	100		134		70-160	3.80		25		†
Acrylonitrile	12.4	5.0	µg/L	10.0		124		70-130	17.2		25		
tert-Amyl Methyl Ether (TAME)	11.8	0.50	µg/L	10.0		118		70-130	13.3		25		
Benzene	11.6	1.0	µg/L	10.0		116		70-130	8.74		25		
Bromobenzene	11.6	1.0	µg/L	10.0		116		70-130	9.92		25		
Bromochloromethane	10.3	1.0	µg/L	10.0		103		70-130	5.50		25		
Bromodichloromethane	11.7	0.50	µg/L	10.0		117		70-130	10.7		25		
Bromoform	13.8	1.0	µg/L	10.0		**138**	*	70-130	8.85		25	L-07	
Bromomethane	6.78	2.0	µg/L	10.0		67.8		40-160	**37.5**	*	25	R-05, V-20	†
2-Butanone (MEK)	111	20	µg/L	100		111		40-160	8.73		25		†
tert-Butyl Alcohol (TBA)	126	20	µg/L	100		126		40-160	18.8		25	V-16	†
n-Butylbenzene	11.8	1.0	µg/L	10.0		118		70-130	5.96		25		
sec-Butylbenzene	13.0	1.0	µg/L	10.0		130		70-130	12.7		25		
tert-Butylbenzene	12.2	1.0	µg/L	10.0		122		70-130	8.90		25		
tert-Butyl Ethyl Ether (TBEE)	11.3	0.50	µg/L	10.0		113		70-130	12.4		25		
Carbon Disulfide	10.4	2.0	µg/L	10.0		104		70-130	4.02		25		
Carbon Tetrachloride	12.1	5.0	µg/L	10.0		121		70-130	8.28		25		
Chlorobenzene	12.4	1.0	µg/L	10.0		124		70-130	6.90		25		
Chlorodibromomethane	12.8	0.50	µg/L	10.0		128		70-130	8.40		25		
Chloroethane	9.66	2.0	µg/L	10.0		96.6		70-130	9.77		25		
Chloroform	12.1	2.0	µg/L	10.0		121		70-130	7.84		25		
Chloromethane	8.84	2.0	µg/L	10.0		88.4		40-160	7.51		25		†
2-Chlorotoluene	12.5	1.0	µg/L	10.0		125		70-130	5.16		25		
4-Chlorotoluene	12.4	1.0	µg/L	10.0		124		70-130	3.87		25		
1,2-Dibromo-3-chloropropane (DBCP)	11.0	5.0	µg/L	10.0		110		70-130	1.44		25		
1,2-Dibromoethane (EDB)	12.9	0.50	µg/L	10.0		129		70-130	12.3		25		
Dibromomethane	12.3	1.0	µg/L	10.0		123		70-130	7.60		25		
1,2-Dichlorobenzene	12.8	1.0	µg/L	10.0		128		70-130	9.73		25		
1,3-Dichlorobenzene	12.8	1.0	µg/L	10.0		128		70-130	10.3		25		
1,4-Dichlorobenzene	11.4	1.0	µg/L	10.0		114		70-130	3.58		25		
trans-1,4-Dichloro-2-butene	8.82	2.0	µg/L	10.0		88.2		70-130	13.9		25		
Dichlorodifluoromethane (Freon 12)	8.95	2.0	µg/L	10.0		89.5		40-160	8.50		25		†
1,1-Dichloroethane	11.9	1.0	µg/L	10.0		119		70-130	11.0		25		
1,2-Dichloroethane	12.3	1.0	µg/L	10.0		123		70-130	11.1		25		
1,1-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130	10.0		25		
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106		70-130	8.70		25		
trans-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113		70-130	12.2		25		
1,2-Dichloropropane	11.5	1.0	µg/L	10.0		115		70-130	5.45		25		
1,3-Dichloropropane	11.9	0.50	µg/L	10.0		119		70-130	3.26		25		
2,2-Dichloropropane	12.0	1.0	µg/L	10.0		120		40-130	13.0		25		†
1,1-Dichloropropene	11.7	2.0	µg/L	10.0		117		70-130	12.2		25		
cis-1,3-Dichloropropene	12.2	0.50	µg/L	10.0		122		70-130	9.66		25		
trans-1,3-Dichloropropene	14.1	0.50	µg/L	10.0		**141**	*	70-130	9.75		25	L-07	
Diethyl Ether	11.0	2.0	µg/L	10.0		110		70-130	12.1		25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106		70-130	9.44		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048283 - SW-846 5030B												
LCS Dup (B048283-BSD1)				Prepared & Analyzed: 03/21/12								
1,4-Dioxane	122	50	µg/L	100		122		40-130	6.62	50	V-16, V-20	† ‡
Ethylbenzene	11.8	1.0	µg/L	10.0		118		70-130	7.19	25		
Hexachlorobutadiene	13.0	0.50	µg/L	10.0		130		70-130	13.6	25		
2-Hexanone (MBK)	115	10	µg/L	100		115		70-160	9.14	25		†
Isopropylbenzene (Cumene)	12.6	1.0	µg/L	10.0		126		70-130	4.37	25		
p-Isopropyltoluene (p-Cymene)	12.3	1.0	µg/L	10.0		123		70-130	10.1	25		
Methyl tert-Butyl Ether (MTBE)	12.8	1.0	µg/L	10.0		128		70-130	9.47	25		
Methylene Chloride	11.6	5.0	µg/L	10.0		116		70-130	11.9	25		
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100		111		70-160	9.73	25		†
Naphthalene	7.82	5.0	µg/L	10.0		78.2		40-130	14.1	25	V-05	†
n-Propylbenzene	12.6	1.0	µg/L	10.0		126		70-130	4.87	25		
Styrene	12.1	1.0	µg/L	10.0		121		70-130	4.84	25		
1,1,1,2-Tetrachloroethane	12.1	1.0	µg/L	10.0		121		70-130	5.78	25		
1,1,2,2-Tetrachloroethane	12.7	0.50	µg/L	10.0		127		70-130	7.24	25		
Tetrachloroethylene	13.3	1.0	µg/L	10.0		**133**	*	70-130	11.3	25	L-07	
Tetrahydrofuran	11.2	10	µg/L	10.0		112		70-130	13.7	25		
Toluene	12.2	1.0	µg/L	10.0		122		70-130	6.93	25		
1,2,3-Trichlorobenzene	9.92	5.0	µg/L	10.0		99.2		70-130	13.4	25	V-05	
1,2,4-Trichlorobenzene	9.77	1.0	µg/L	10.0		97.7		70-130	7.76	25		
1,3,5-Trichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	11.4	25		
1,1,1-Trichloroethane	11.7	1.0	µg/L	10.0		117		70-130	13.9	25		
1,1,2-Trichloroethane	12.0	1.0	µg/L	10.0		120		70-130	2.11	25		
Trichloroethylene	11.2	1.0	µg/L	10.0		112		70-130	1.98	25		
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102		70-130	7.60	25		
1,2,3-Trichloropropane	12.0	2.0	µg/L	10.0		120		70-130	9.82	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5	1.0	µg/L	10.0		115		70-130	6.16	25		
1,2,4-Trimethylbenzene	11.8	1.0	µg/L	10.0		118		70-130	6.46	25		
1,3,5-Trimethylbenzene	11.8	1.0	µg/L	10.0		118		70-130	4.35	25		
Vinyl Chloride	8.81	2.0	µg/L	10.0		88.1		40-160	5.84	25		†
m+p Xylene	24.1	2.0	µg/L	20.0		120		70-130	5.24	25		
o-Xylene	12.6	1.0	µg/L	10.0		126		70-130	7.00	25		
Surrogate: 1,2-Dichloroethane-d4	*22.5*		µg/L	25.0		90.1		70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*25.2*		µg/L	25.0		101		70-130				
Batch B048557 - SW-846 5030B												
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12								
Acetone	ND	50	µg/L									
Acrylonitrile	ND	5.0	µg/L									
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L									
Benzene	ND	1.0	µg/L									
Bromobenzene	ND	1.0	µg/L									
Bromochloromethane	ND	1.0	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	1.0	µg/L									
Bromomethane	ND	2.0	µg/L								V-05	
2-Butanone (MEK)	ND	20	µg/L									
tert-Butyl Alcohol (TBA)	ND	20	µg/L								V-05, V-16	
n-Butylbenzene	ND	1.0	µg/L									
sec-Butylbenzene	ND	1.0	µg/L									
tert-Butylbenzene	ND	1.0	µg/L									

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B										
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	2.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12								
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.9		70-130				
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12								
Acetone	109	50	µg/L	100		109		70-160				†
Acrylonitrile	9.51	5.0	µg/L	10.0		95.1		70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130				
Benzene	10.9	1.0	µg/L	10.0		109		70-130				
Bromobenzene	10.7	1.0	µg/L	10.0		107		70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110		70-130				
Bromodichloromethane	9.91	0.50	µg/L	10.0		99.1		70-130				
Bromoform	12.1	1.0	µg/L	10.0		121		70-130			V-20	
Bromomethane	7.55	2.0	µg/L	10.0		75.5		40-160			V-05	†
2-Butanone (MEK)	96.5	20	µg/L	100		96.5		40-160				†
tert-Butyl Alcohol (TBA)	78.3	20	µg/L	100		78.3		40-160			V-05, V-16	†
n-Butylbenzene	11.0	1.0	µg/L	10.0		110		70-130				
sec-Butylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
tert-Butylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
tert-Butyl Ethyl Ether (TBEE)	11.0	0.50	µg/L	10.0		110		70-130				
Carbon Disulfide	12.2	2.0	µg/L	10.0		122		70-130				
Carbon Tetrachloride	9.89	5.0	µg/L	10.0		98.9		70-130				
Chlorobenzene	11.2	1.0	µg/L	10.0		112		70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130				
Chloroethane	11.4	2.0	µg/L	10.0		114		70-130				
Chloroform	10.7	2.0	µg/L	10.0		107		70-130				
Chloromethane	14.5	2.0	µg/L	10.0		145		40-160			V-20	†
2-Chlorotoluene	11.1	1.0	µg/L	10.0		111		70-130				
4-Chlorotoluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.21	5.0	µg/L	10.0		92.1		70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130				
trans-1,4-Dichloro-2-butene	7.36	2.0	µg/L	10.0		73.6		70-130			V-05	
Dichlorodifluoromethane (Freon 12)	18.4	2.0	µg/L	10.0		**184**	*	40-160			V-20, L-02	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B											
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12							
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106	70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106	70-130				
2,2-Dichloropropane	9.61	1.0	µg/L	10.0		96.1	40-130				†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130				
cis-1,3-Dichloropropene	9.85	0.50	µg/L	10.0		98.5	70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130				
Diethyl Ether	9.42	2.0	µg/L	10.0		94.2	70-130				
Diisopropyl Ether (DIPE)	11.7	0.50	µg/L	10.0		117	70-130				
1,4-Dioxane	95.4	50	µg/L	100		95.4	40-130			V-16	†
Ethylbenzene	10.7	1.0	µg/L	10.0		107	70-130				
Hexachlorobutadiene	10.1	2.0	µg/L	10.0		101	70-130				
2-Hexanone (MBK)	98.7	10	µg/L	100		98.7	70-160				†
Isopropylbenzene (Cumene)	11.4	1.0	µg/L	10.0		114	70-130				
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113	70-130				
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112	70-130				
Methylene Chloride	11.3	5.0	µg/L	10.0		113	70-130				
4-Methyl-2-pentanone (MIBK)	95.4	10	µg/L	100		95.4	70-160				†
Naphthalene	8.27	2.0	µg/L	10.0		82.7	40-130				†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
Styrene	10.9	1.0	µg/L	10.0		109	70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	9.92	0.50	µg/L	10.0		99.2	70-130				
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130				
Tetrahydrofuran	8.76	10	µg/L	10.0		87.6	70-130				
Toluene	11.1	1.0	µg/L	10.0		111	70-130				
1,2,3-Trichlorobenzene	8.73	5.0	µg/L	10.0		87.3	70-130				
1,2,4-Trichlorobenzene	8.88	1.0	µg/L	10.0		88.8	70-130				
1,3,5-Trichlorobenzene	9.29	1.0	µg/L	10.0		92.9	70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.0		118	70-130				
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
1,3,5-Trimethylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
Vinyl Chloride	10.9	2.0	µg/L	10.0		109	40-160				†
m+p Xylene	21.9	2.0	µg/L	20.0		110	70-130				
o-Xylene	11.7	1.0	µg/L	10.0		117	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.9	70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12								
Acetone	121	50	µg/L	100		121		70-160	10.7	25		†
Acrylonitrile	10.8	5.0	µg/L	10.0		108		70-130	12.2	25		
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130	0.0949	25		
Benzene	10.4	1.0	µg/L	10.0		104		70-130	4.96	25		
Bromobenzene	10.0	1.0	µg/L	10.0		100		70-130	6.57	25		
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130	3.99	25		
Bromodichloromethane	9.41	0.50	µg/L	10.0		94.1		70-130	5.18	25		
Bromoform	12.6	1.0	µg/L	10.0		126		70-130	4.45	25	V-20	
Bromomethane	8.36	2.0	µg/L	10.0		83.6		40-160	10.2	25	V-05	†
2-Butanone (MEK)	110	20	µg/L	100		110		40-160	12.7	25		†
tert-Butyl Alcohol (TBA)	92.0	20	µg/L	100		92.0		40-160	16.1	25	V-05, V-16	†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130	7.55	25		
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	7.81	25		
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	8.73	25		
tert-Butyl Ethyl Ether (TBEE)	10.7	0.50	µg/L	10.0		107		70-130	2.03	25		
Carbon Disulfide	11.3	2.0	µg/L	10.0		113		70-130	7.72	25		
Carbon Tetrachloride	9.17	5.0	µg/L	10.0		91.7		70-130	7.56	25		
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	3.36	25		
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130	0.0878	25		
Chloroethane	10.6	2.0	µg/L	10.0		106		70-130	7.47	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	4.31	25		
Chloromethane	13.7	2.0	µg/L	10.0		137		40-160	5.82	25	V-20	†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	5.83	25		
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130	6.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.75	5.0	µg/L	10.0		97.5		70-130	5.70	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130	2.18	25		
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130	0.385	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.27	25		
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.73	25		
1,4-Dichlorobenzene	9.94	1.0	µg/L	10.0		99.4		70-130	6.80	25		
trans-1,4-Dichloro-2-butene	7.98	2.0	µg/L	10.0		79.8		70-130	8.08	25	V-05	
Dichlorodifluoromethane (Freon 12)	16.7	2.0	µg/L	10.0		**167**	*	40-160	9.81	25	L-02, V-20	†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	5.77	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130	1.79	25		
1,1-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130	9.18	25		
cis-1,2-Dichloroethylene	9.52	1.0	µg/L	10.0		95.2		70-130	7.09	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	6.16	25		
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101		70-130	4.63	25		
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107		70-130	0.470	25		
2,2-Dichloropropane	8.61	1.0	µg/L	10.0		86.1		40-130	11.0	25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130	3.44	25		
cis-1,3-Dichloropropene	9.65	0.50	µg/L	10.0		96.5		70-130	2.05	25		
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130	3.25	25		
Diethyl Ether	9.93	2.0	µg/L	10.0		99.3		70-130	5.27	25		
Diisopropyl Ether (DIPE)	11.3	0.50	µg/L	10.0		113		70-130	3.21	25		
1,4-Dioxane	93.7	50	µg/L	100		93.7		40-130	1.84	50	V-16	† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101		70-130	6.35	25		
Hexachlorobutadiene	9.48	2.0	µg/L	10.0		94.8		70-130	5.94	25		
2-Hexanone (MBK)	111	10	µg/L	100		111		70-160	11.4	25		†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106		70-130	7.08	25		
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104		70-130	8.59	25		
Methyl tert-Butyl Ether (MTBE)	11.7	1.0	µg/L	10.0		117		70-130	4.64	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B										
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12						
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130	6.38	25	
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100		109	70-160	12.9	25	†
Naphthalene	9.04	2.0	µg/L	10.0		90.4	40-130	8.90	25	†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	7.45	25	
Styrene	10.2	1.0	µg/L	10.0		102	70-130	6.75	25	
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	4.23	25	
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130	8.59	25	
Tetrachloroethylene	9.79	1.0	µg/L	10.0		97.9	70-130	9.72	25	
Tetrahydrofuran	9.74	10	µg/L	10.0		97.4	70-130	10.6	25	
Toluene	10.4	1.0	µg/L	10.0		104	70-130	6.05	25	
1,2,3-Trichlorobenzene	9.47	5.0	µg/L	10.0		94.7	70-130	8.13	25	
1,2,4-Trichlorobenzene	8.82	1.0	µg/L	10.0		88.2	70-130	0.678	25	
1,3,5-Trichlorobenzene	8.69	1.0	µg/L	10.0		86.9	70-130	6.67	25	
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.29	25	
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	3.50	25	
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	6.86	25	
Trichlorofluoromethane (Freon 11)	9.85	2.0	µg/L	10.0		98.5	70-130	8.18	25	
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130	7.24	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	1.0	µg/L	10.0		112	70-130	5.74	25	
1,2,4-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130	6.31	25	
1,3,5-Trimethylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130	7.12	25	
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	40-160	7.45	25	†
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130	7.04	25	
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	7.28	25	
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.4	70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 2

12C0539

Company Name: Ecology & Environment inc
Address: 368 pleasant view Dr
Lancaster NY 14086
Attention: Rock Watt
Project Location: Farmingdale NY
Sampled By: L. Roehl, M. Cheplowitz

Telephone: 716 684-8060
Project #: EN-002699-0025-06
Client PO#:

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #:
Email:
Format: ● PDF ○ EXCEL ○ GIS ● OTHER EQuIS-EDD ○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOC's 8260	# of Containers	** Preservation	***Container Code
01	TB 3/5/12-02	3-15-12	700		X	GW	L	X	30		V
02	PW-1-Ch0-March 2012	3-15-12	859		X	GW	L	X	14		V
03	PW-1-Ch6-March 2012	3-15-12	9:13		X	GW	L	X			
04	PW-3-Ch2-March 2012	3-15-12	10:41		X	GW	L	X			
05	PW-3-Ch0-March 2012	3-15-12	11:13		X	GW	L	X			
06	PW-3-Ch5-March 2012	3-15-12	11:31		X	GW	L	X			
07	PW-4 ch 5-March 2012	3-15-12	12:24		X	GW	L	X			
08	PW-4 ch 0-March 2012	3-15-12	13:02		X	GW	L	X			
09	PW-6 Ch 5-March 2012	3-15-12	14:17		X	GW	L	X			
10	PW 6 Ch 3-March 2012	3-15-12	14:49		X	GW	L	X			

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Laurence Cheplowitz	3-16-12 12:00
Received by: (signature)	Date/Time:
[signature] 2.5	3/17 09:52
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other Standard
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 2 of 2

12C0539

Company Name: Ecology & Environment inc
Address: 368 pleasantview Dr
Lancaster NY 14086
Attention: Rick Watt
Project Location: Farmingdale NY
Sampled By: L Roedl, M. Cheplowitz

Telephone: 716 684-8060
Project # EN002699-0025-06
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ●PDF ○EXCEL ○GIS
● OTHER EQuIS-EDD
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	21 VOCs 8260	H	V	# of Containers	** Preservation	***Container Code
11	PW-6-CHO-March 2012	3-15-12	15:25		X	GW	L	X					
12	PW-6-CH4-March 2012	3-15-12	15:47		X	GW	L	X					
13	PW-9-Ch 4-March 2012	3-15-12	16:49		X	GW	L	X					
14	PW-9-Ch 8-March 2012	3-15-12	17:33		X	GW	L	X					
15	EPA-MW4A-March 2012	3-16-12	8:18		X	GW	L	X					
16	EPA-MW5A-March-2012	3-16-12	9:21		X	GW	L	X					
17	EPA-MW5B-March-2012	3-16-12	10:15		X	GW	L	X					

Lawrence Cheplowitz 3-16-12

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Lawrence Cheplowitz	3-16-12 12:00
Received by: (signature)	Date/Time:
[signature] 2.5	3/17 09:57
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other per Contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Print page | Close

FedEx

Detailed Results

Tracking no.: 857422796620 Select time format: **12H**

Delivered

Delivered
Signed for by: C.COLLINS

Shipment Dates

Ship date Mar 16, 2012
Delivery date Mar 17, 2012 9:52 AM

Destination

Signature Proof of Delivery

Shipment Options

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	37.0 lbs/16.8 kg	Reference	EN-002699-0025-06

Shipment Travel History

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 17, 2012 9:52 AM	**Delivered**		
Mar 17, 2012 8:49 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 17, 2012 7:56 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 17, 2012 7:03 AM	At destination sort facility	EAST GRANBY, CT	
Mar 17, 2012 3:44 AM	Departed FedEx location	MEMPHIS, TN	
Mar 17, 2012 12:31 AM	Arrived at FedEx location	MEMPHIS, TN	
Mar 16, 2012 8:15 PM	Left FedEx origin facility	MELVILLE, NY	
Mar 16, 2012 12:00 PM	Picked up	MELVILLE, NY	

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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Sample Receipt Checklist



CLIENT NAME: Ecology & Environmt RECEIVED BY: SD DATE: 3/17/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 2.5 Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No (N/A) _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	51	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 51 # Methanol _____

Doc# 277 # Bisulfate _____ # DI Water _____

Rev. 2 Sept 2011 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB31512-02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0539-01	File ID:	VC081009.D
Sampled:	03/15/12 07:00	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 13:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31512-02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0539-01	File ID:	VC081009.D
Sampled:	03/15/12 07:00	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 13:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31512-02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0539-01	File ID:	VC081009.D
Sampled:	03/15/12 07:00	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 13:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB31512-02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0539-01	File ID:	VC081009.D
Sampled:	03/15/12 07:00	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 13:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081009.D
Acq On : 21 Mar 2012 1:57 pm
Operator :
Sample : 12C0539-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

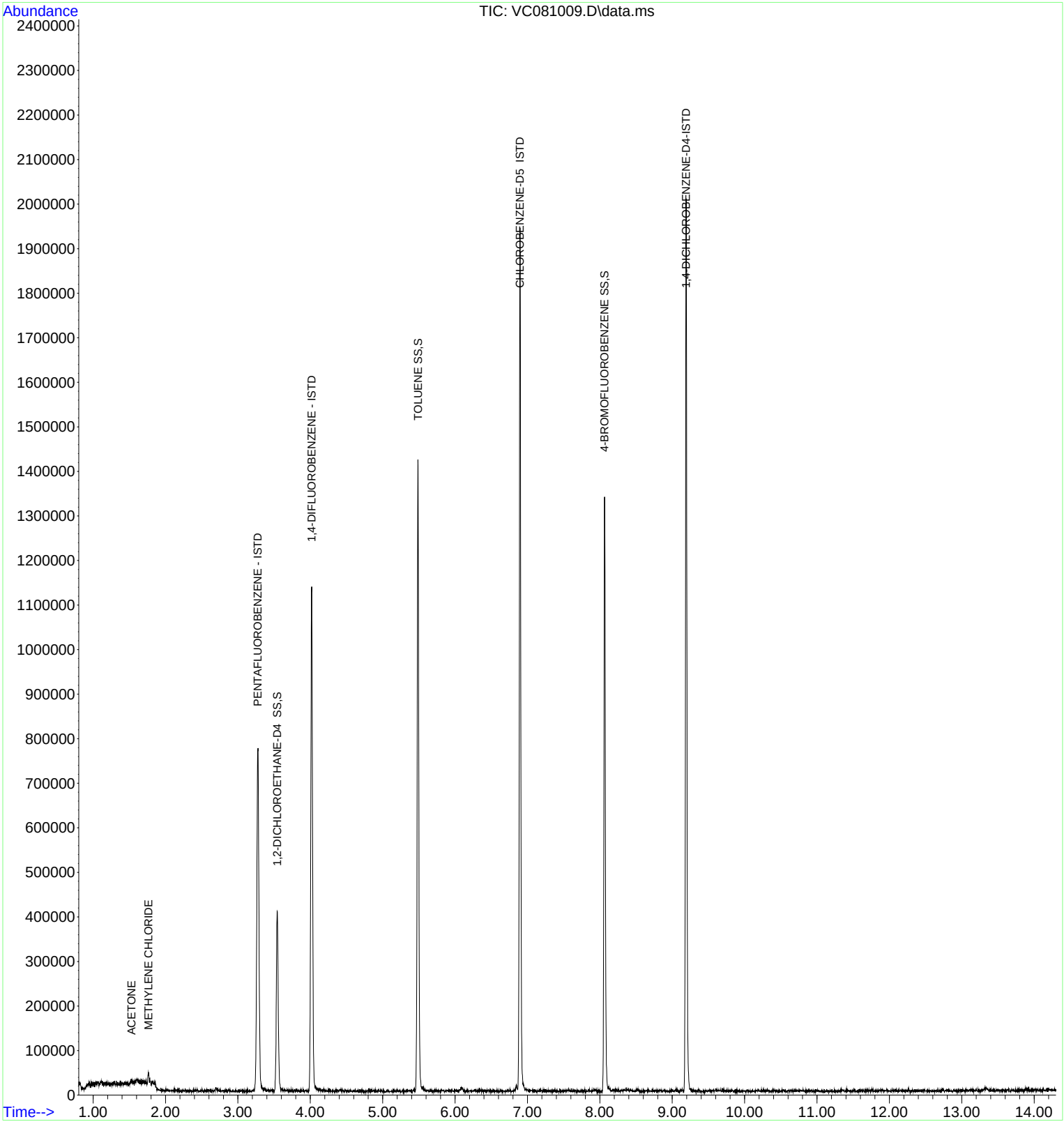
Quant Time: Mar 22 12:08:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

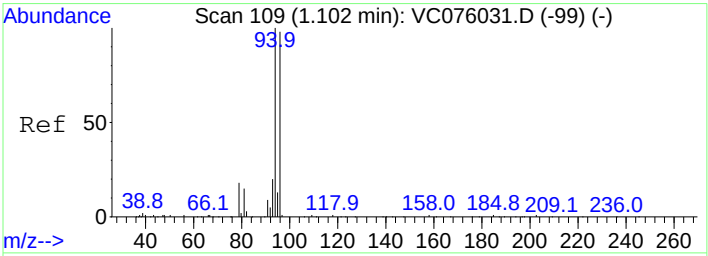
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	519605	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	765990	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480443	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	404819	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	311629	23.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.28%			
49) TOLUENE SS	5.489	98	777312	25.68	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.72%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	357152	24.63	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.52%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.111	94	1828	Below Cal	#	72
14) ACETONE	1.529	43	6549	2.88	UG/L #	76
23) METHYLENE CHLORIDE	1.766	49	6772	0.48	UG/L #	74

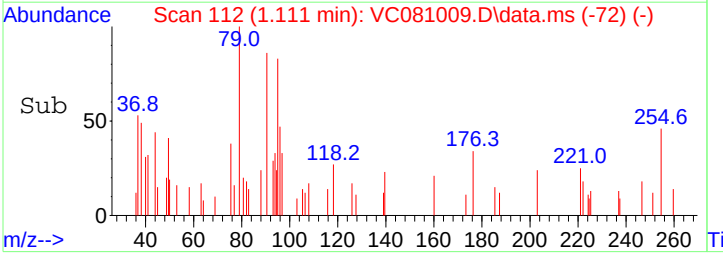
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081009.D
Acq On : 21 Mar 2012 1:57 pm
Operator :
Sample : 12C0539-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 22 12:08:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



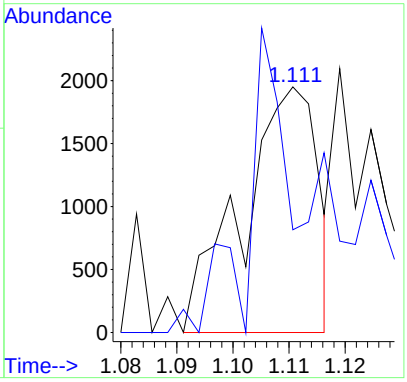


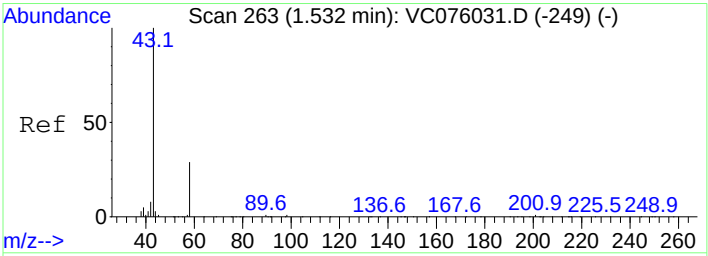


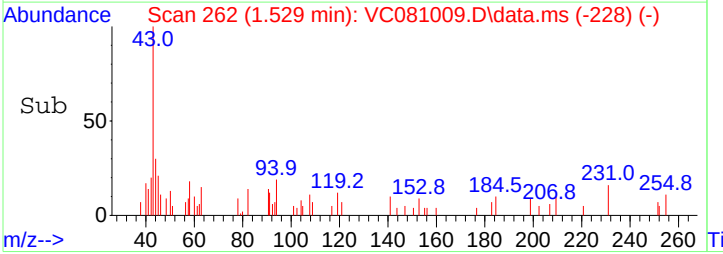
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC081009.D
Acq: 21 Mar 2012 1:57 pm

Tgt Ion: 94 Resp: 1828

Ion	Ratio	Lower	Upper
94	100		
96	68.7	76.6	114.8#



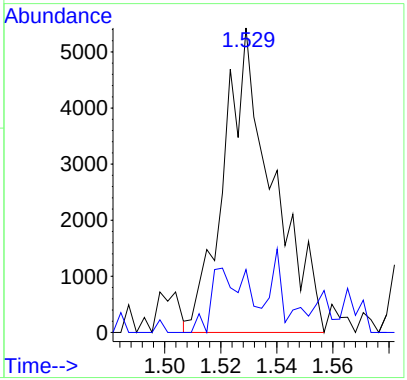


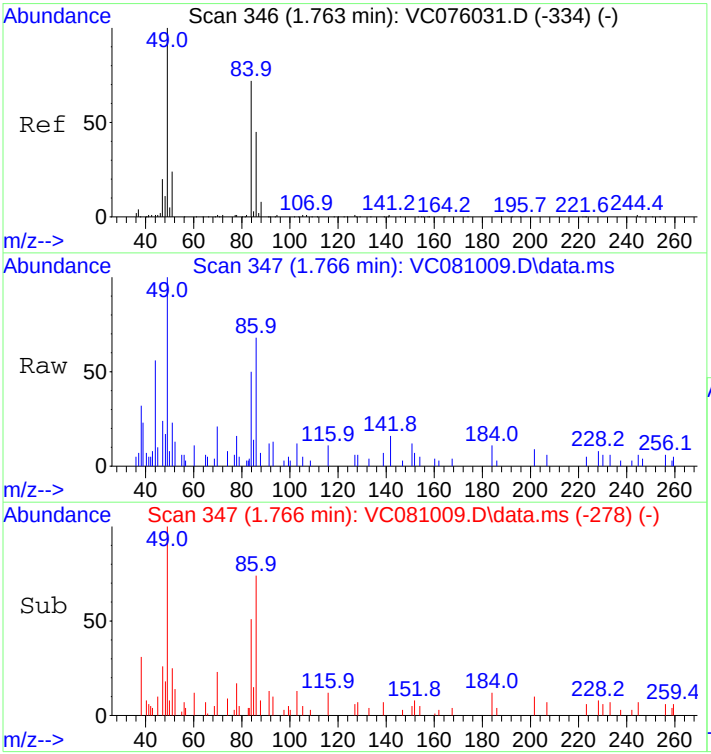


#14
ACETONE
Concen: 2.88 UG/L
RT: 1.529 min Scan# 262
Delta R.T. -0.000 min
Lab File: VC081009.D
Acq: 21 Mar 2012 1:57 pm

Tgt Ion: 43 Resp: 6549

Ion	Ratio	Lower	Upper
43	100		
58	15.7	22.9	34.3#

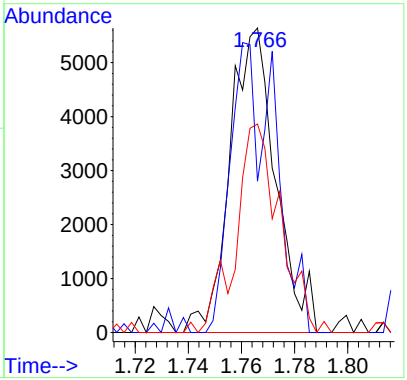




#23
METHYLENE CHLORIDE
Concen: 0.48 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081009.D
Acq: 21 Mar 2012 1:57 pm

Tgt Ion: 49 Resp: 6772

Ion	Ratio	Lower	Upper
49	100		
84	54.0	62.8	94.2#
86	66.2	40.5	60.7#



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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-02	File ID:	VC081011.D
Sampled:	03/15/12 08:59	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-02	File ID:	VC081011.D
Sampled:	03/15/12 08:59	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-02	File ID:	VC081011.D
Sampled:	03/15/12 08:59	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-02	File ID:	VC081011.D
Sampled:	03/15/12 08:59	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 14:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032112\
Data File : VC081011.D
Acq On : 21 Mar 2012 2:57 pm
Operator :
Sample : 12C0539-02 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

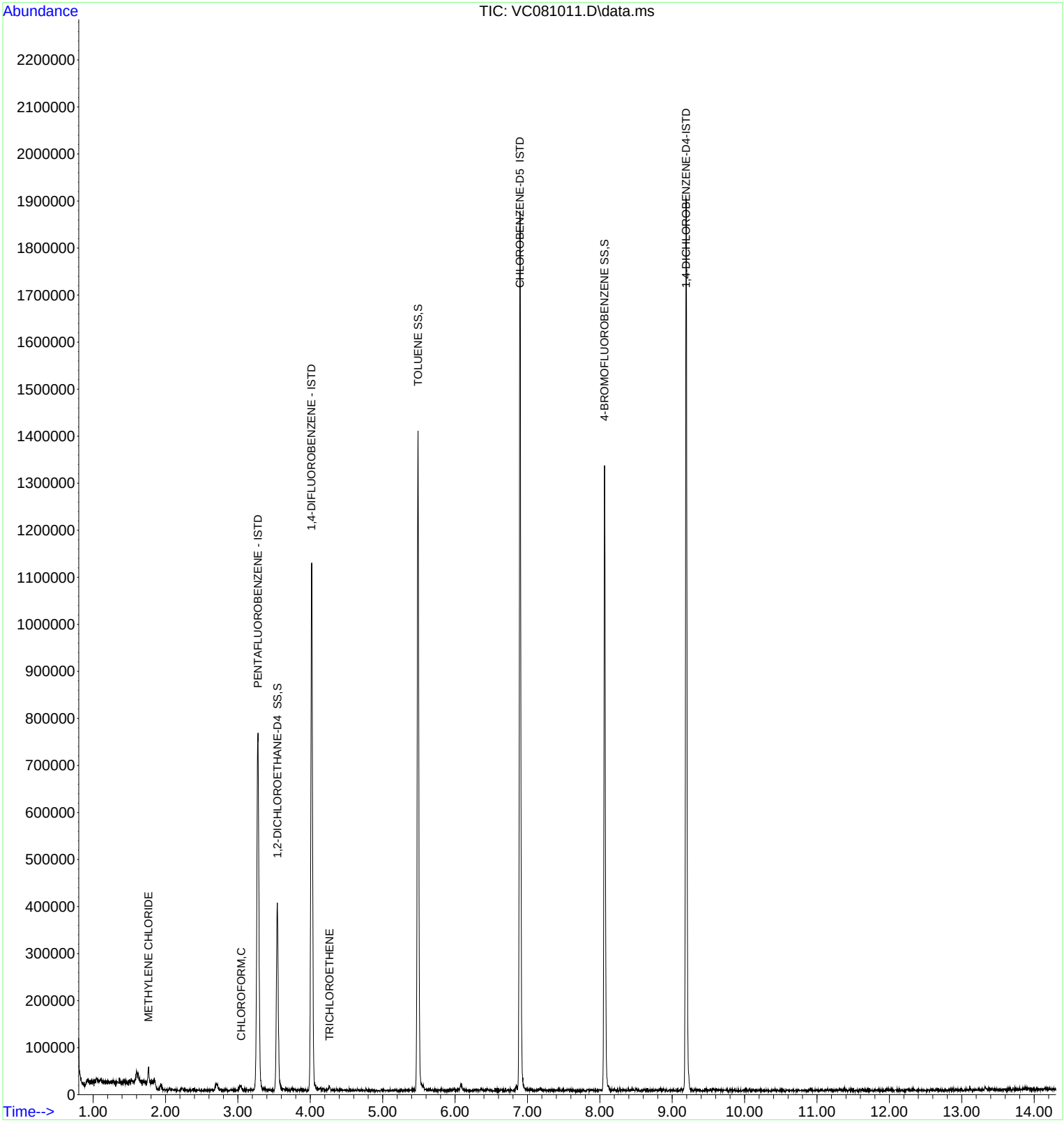
Quant Time: Mar 22 12:11:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

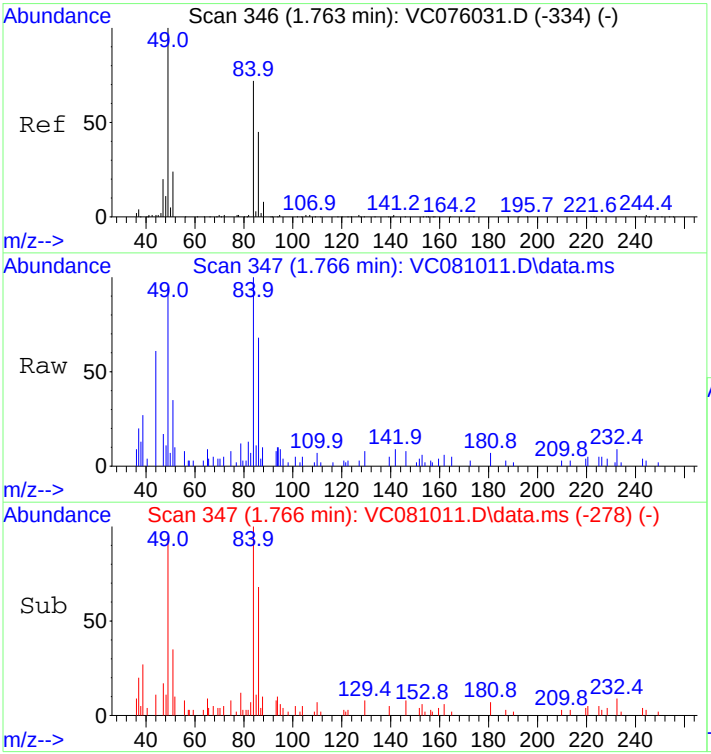
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	508740	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	762382	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	466052	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	400615	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	301947	23.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%			
49) TOLUENE SS	5.489	98	760130	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	346866	24.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2047	Below Cal		94
23) METHYLENE CHLORIDE	1.766	49	8547m	0.62	UG/L	
40) CHLOROFORM	3.046	83	8155m	0.41	UG/L	
51) TRICHLOROETHENE	4.265	95	2174m	0.19	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081011.D
Acq On : 21 Mar 2012 2:57 pm
Operator :
Sample : 12C0539-02 Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 22 12:11:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

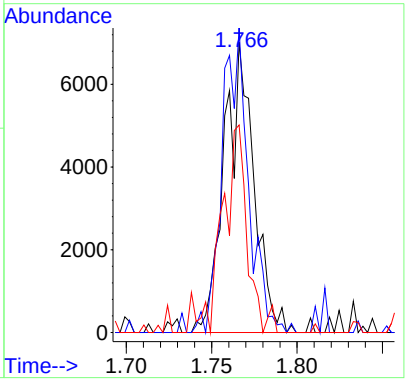


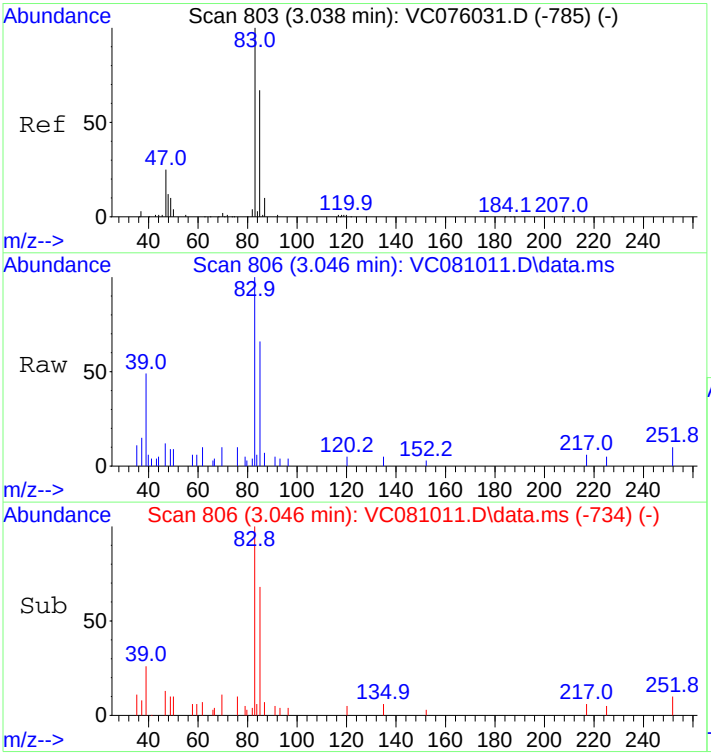


#23
METHYLENE CHLORIDE
Concen: 0.62 UG/L m
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081011.D
Acq: 21 Mar 2012 2:57 pm

Tgt Ion: 49 Resp: 8547

Ion	Ratio	Lower	Upper
49	100		
84	93.0	62.8	94.2
86	55.3	40.5	60.7

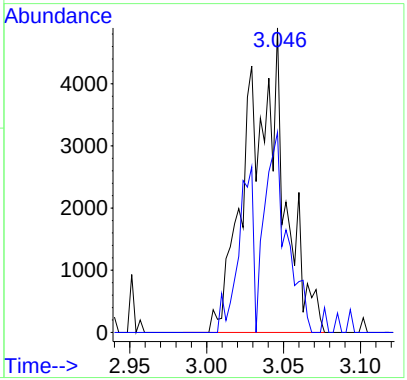


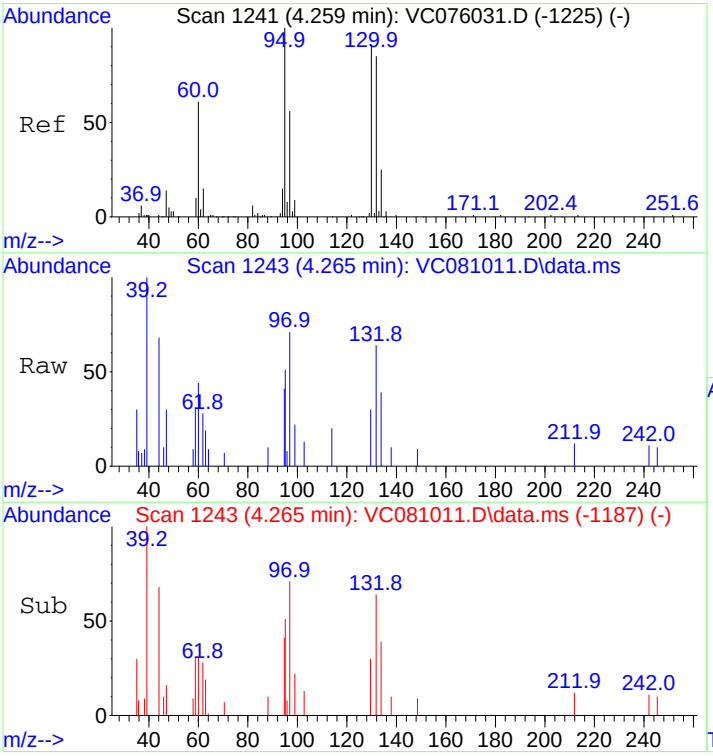


#40
CHLOROFORM
Concen: 0.41 UG/L m
RT: 3.046 min Scan# 806
Delta R.T. 0.011 min
Lab File: VC081011.D
Acq: 21 Mar 2012 2:57 pm

Tgt Ion: 83 Resp: 8155

Ion	Ratio	Lower	Upper
83	100		
85	22.2	51.8	77.6#

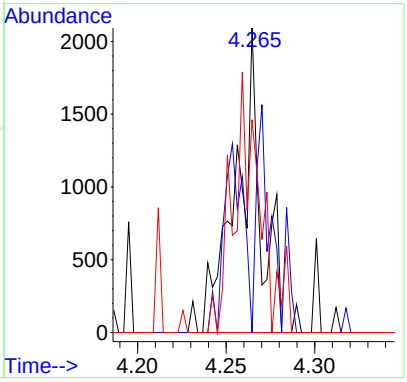




#51
TRICHLOROETHENE
Concen: 0.19 UG/L m
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC081011.D
Acq: 21 Mar 2012 2:57 pm

Tgt Ion: 95 Resp: 2174

Ion	Ratio	Lower	Upper
95	100		
130	35.6	74.8	112.2#
132	81.0	72.4	108.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH6-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-03	File ID:	VC081012.D
Sampled:	03/15/12 09:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH6-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-03	File ID:	VC081012.D
Sampled:	03/15/12 09:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH6-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-03	File ID:	VC081012.D
Sampled:	03/15/12 09:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	5.2	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-1-CH6-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-03	File ID:	VC081012.D
Sampled:	03/15/12 09:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032112\
Data File : VC081012.D
Acq On : 21 Mar 2012 3:27 pm
Operator :
Sample : 12C0539-03 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

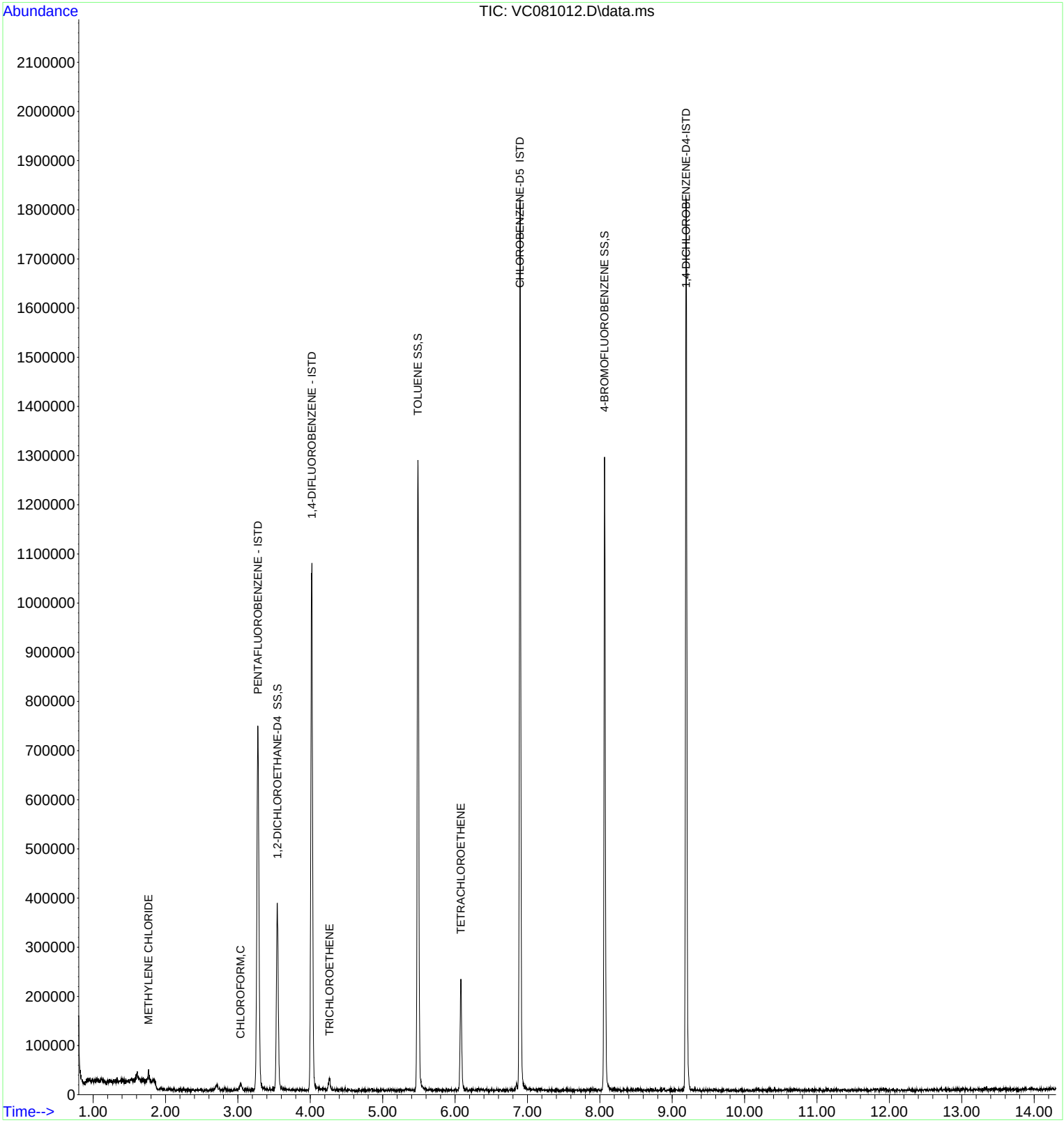
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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

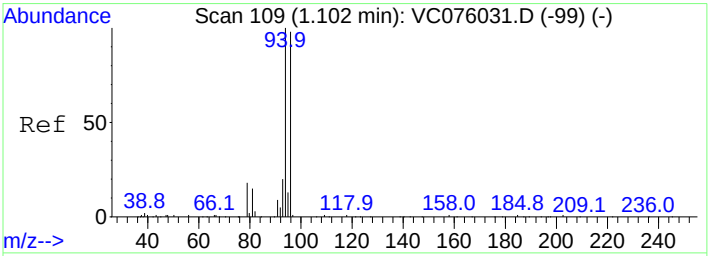
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	496050	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	730179	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	442663	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	376370	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	289333	22.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.72%				
49) TOLUENE SS	5.486	98	715030	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	330606	24.74	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.96%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.147	94	563	Below Cal			94
13) ACROLEIN	1.629	56	551	Below Cal		#	1
23) METHYLENE CHLORIDE	1.766	49	6601	0.49	UG/L	#	80
40) CHLOROFORM	3.035	83	10522	0.54	UG/L	#	70
51) TRICHLOROETHENE	4.265	95	5888	0.55	UG/L	#	73
66) TETRACHLOROETHENE	6.080	166	52219	5.15	UG/L		99

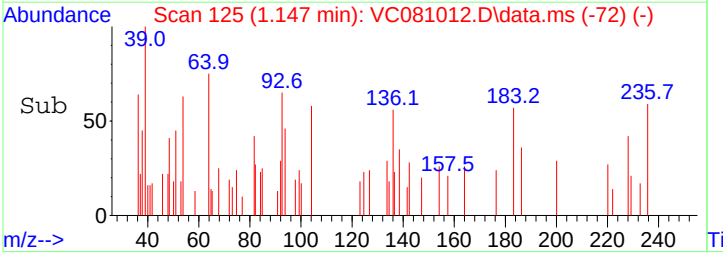
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081012.D
Acq On : 21 Mar 2012 3:27 pm
Operator :
Sample : 12C0539-03 Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 22 12:12:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



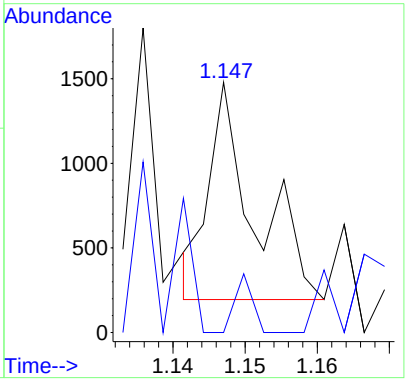


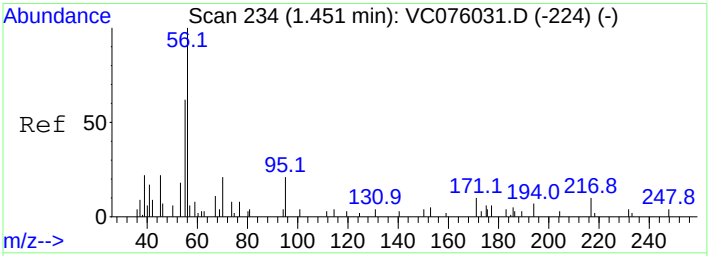


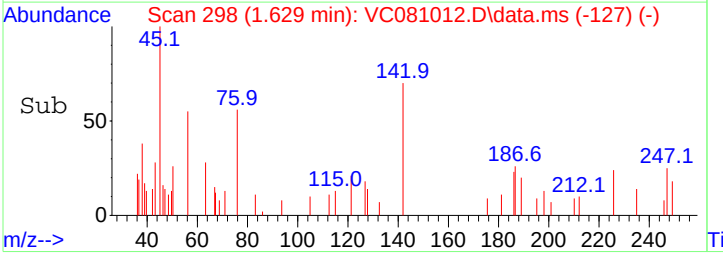
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.147 min Scan# 125
Delta R.T. 0.048 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion: 94 Resp: 563

Ion	Ratio	Lower	Upper
94	100		
96	102.0	76.6	114.8



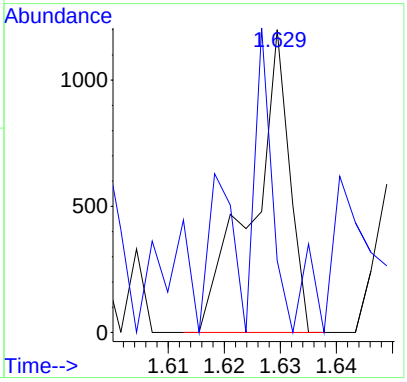


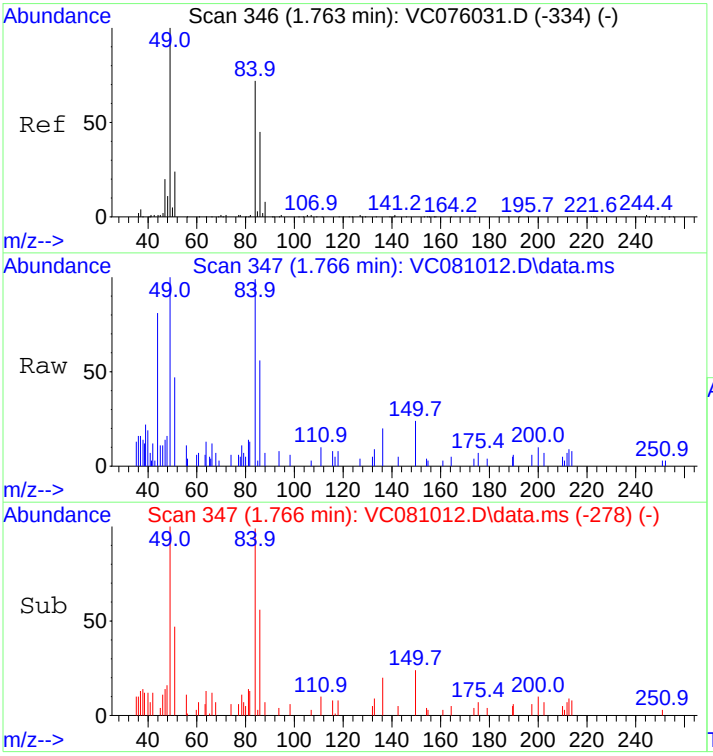


#13
ACROLEIN
Concen: Below Cal
RT: 1.629 min Scan# 298
Delta R.T. 0.176 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion: 56 Resp: 551

Ion	Ratio	Lower	Upper
56	100		
55	96.9	0.5	0.7#

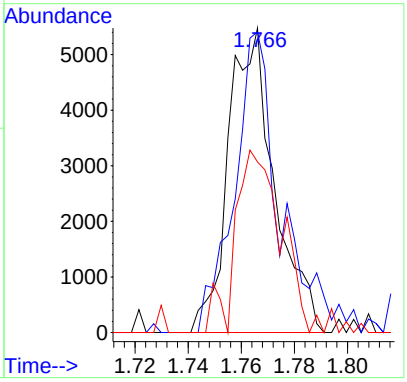


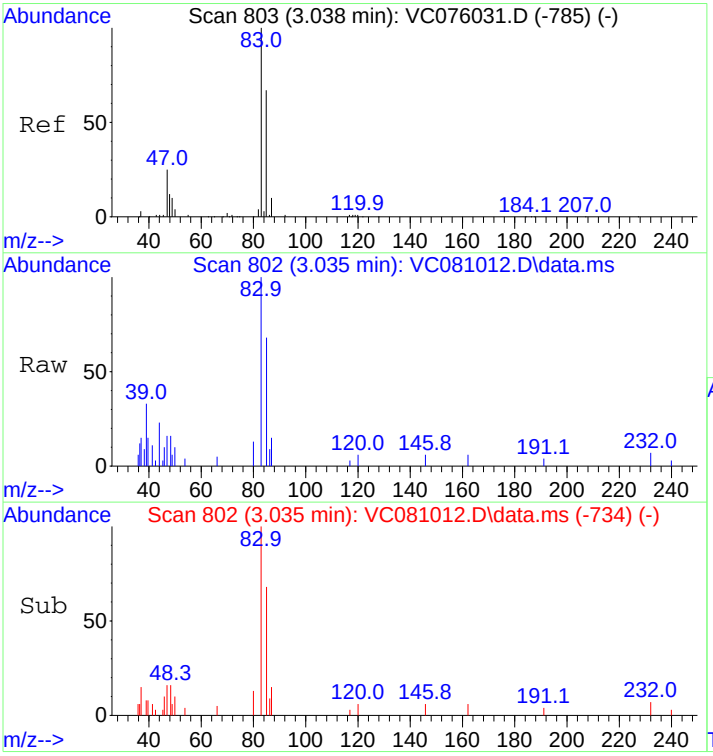


#23
METHYLENE CHLORIDE
Concen: 0.49 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion: 49 Resp: 6601

Ion	Ratio	Lower	Upper
49	100		
84	100.3	62.8	94.2#
86	59.4	40.5	60.7

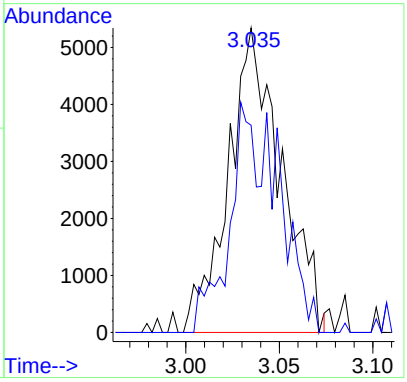


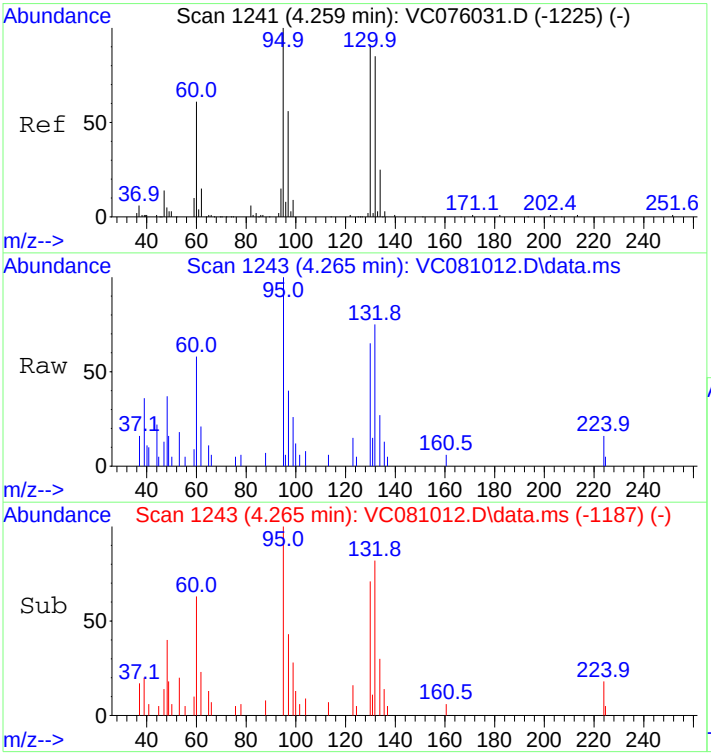


#40
CHLOROFORM
Concen: 0.54 UG/L
RT: 3.035 min Scan# 802
Delta R.T. 0.000 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion: 83 Resp: 10522

Ion	Ratio	Lower	Upper
83	100		
85	40.8	51.8	77.6#

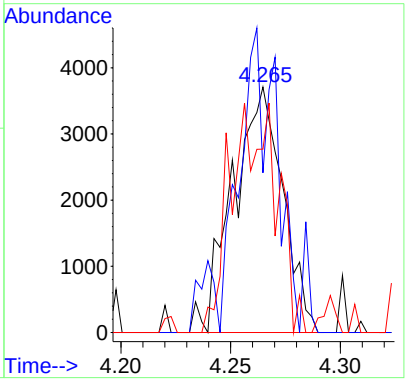


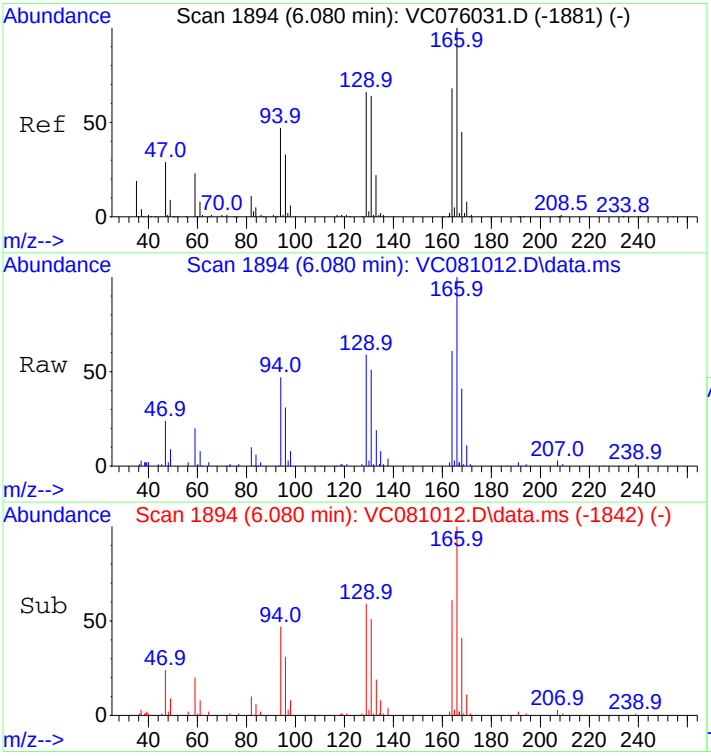


#51
TRICHLOROETHENE
Concen: 0.55 UG/L
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion: 95 Resp: 5888

Ion	Ratio	Lower	Upper
95	100		
130	90.6	74.8	112.2
132	42.3	72.4	108.6#

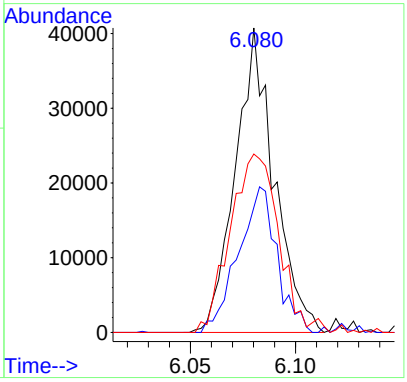




#66
TETRACHLOROETHENE
Concen: 5.15 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081012.D
Acq: 21 Mar 2012 3:27 pm

Tgt Ion:166 Resp: 52219

Ion	Ratio	Lower	Upper
166	100		
168	47.7	38.2	57.2
129	73.3	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH2-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-04	File ID:	VC081013.D
Sampled:	03/15/12 10:41	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH2-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-04	File ID:	VC081013.D
Sampled:	03/15/12 10:41	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH2-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-04	File ID:	VC081013.D
Sampled:	03/15/12 10:41	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	4.3	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH2-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-04	File ID:	VC081013.D
Sampled:	03/15/12 10:41	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 15:57
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081013.D
Acq On : 21 Mar 2012 3:57 pm
Operator :
Sample : 12C0539-04 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

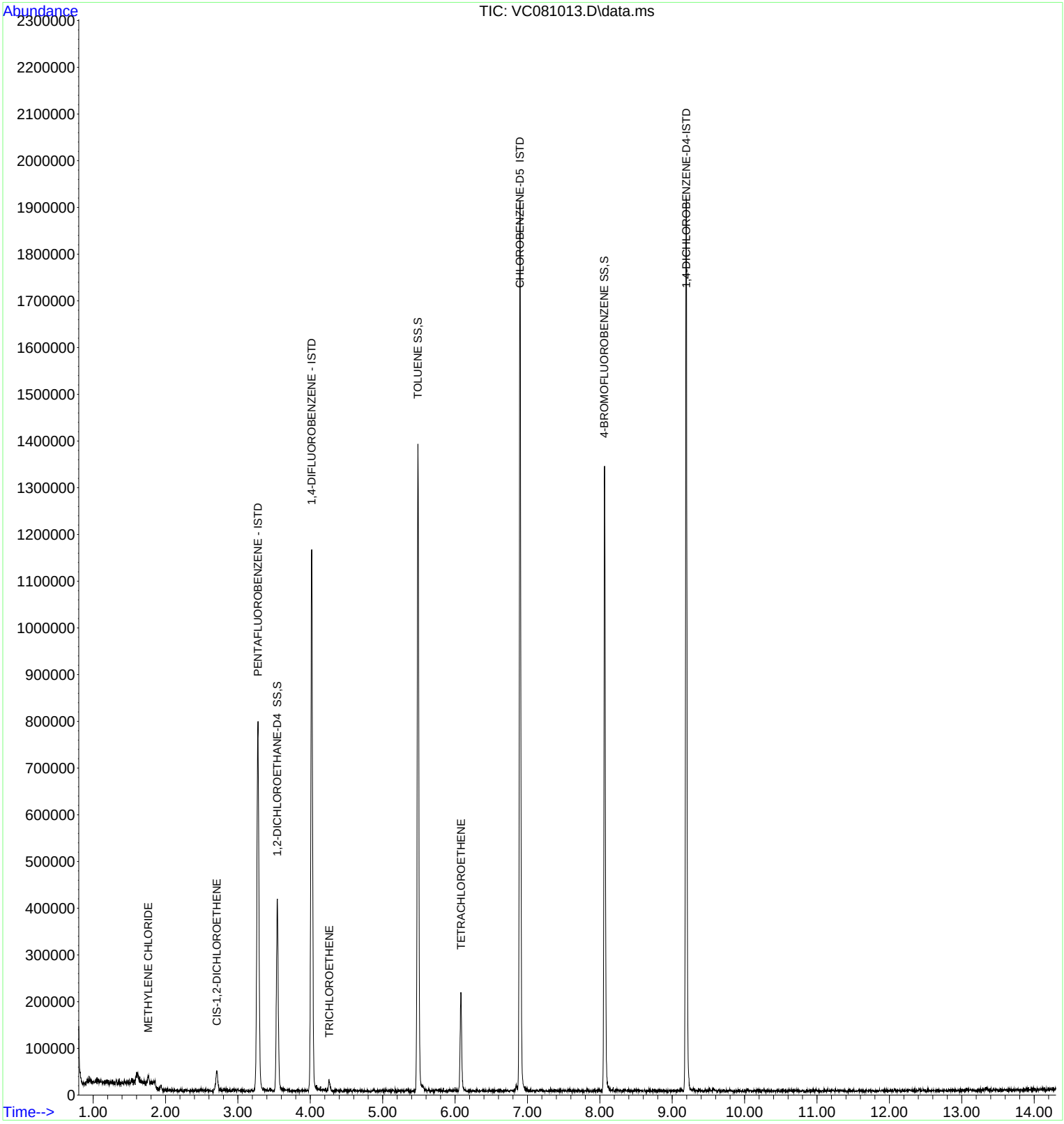
Quant Time: Mar 22 12:13:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

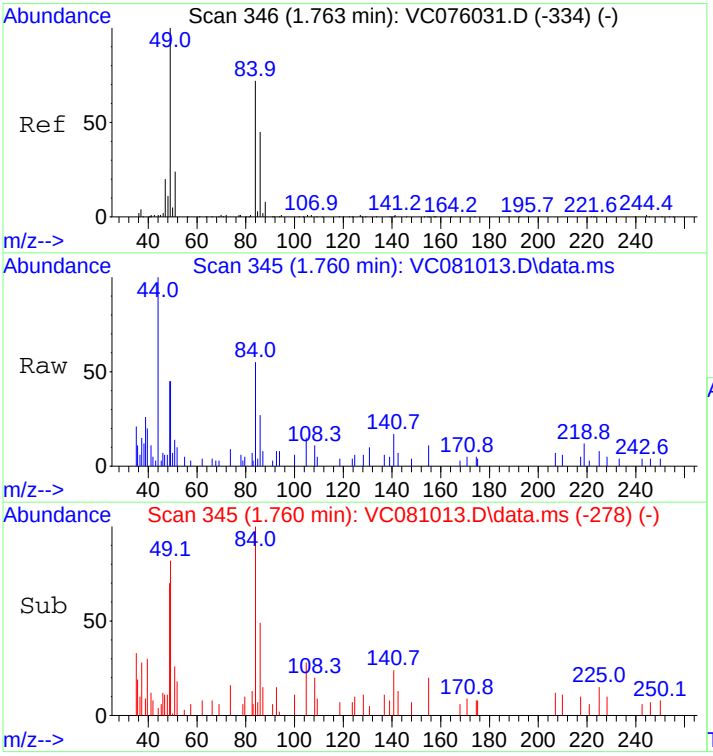
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	511763	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	789759	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	470713	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	407269	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	311021	23.63	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%			
49) TOLUENE SS	5.486	98	762770	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%			
71) 4-BROMOFLUOROBENZENE SS	8.063	95	351385	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2450	Below Cal	#	55
23) METHYLENE CHLORIDE	1.760	49	4584	0.33	UG/L #	87
33) CIS-1,2-DICHLOROETHENE	2.709	61	13579	0.66	UG/L #	90
51) TRICHLOROETHENE	4.262	95	5861m	0.51	UG/L	
66) TETRACHLOROETHENE	6.083	166	46831	4.27	UG/L #	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081013.D
Acq On : 21 Mar 2012 3:57 pm
Operator :
Sample : 12C0539-04 Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 22 12:13:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

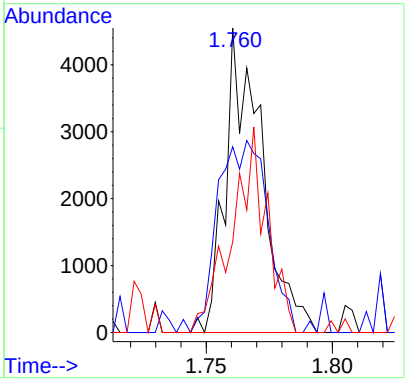


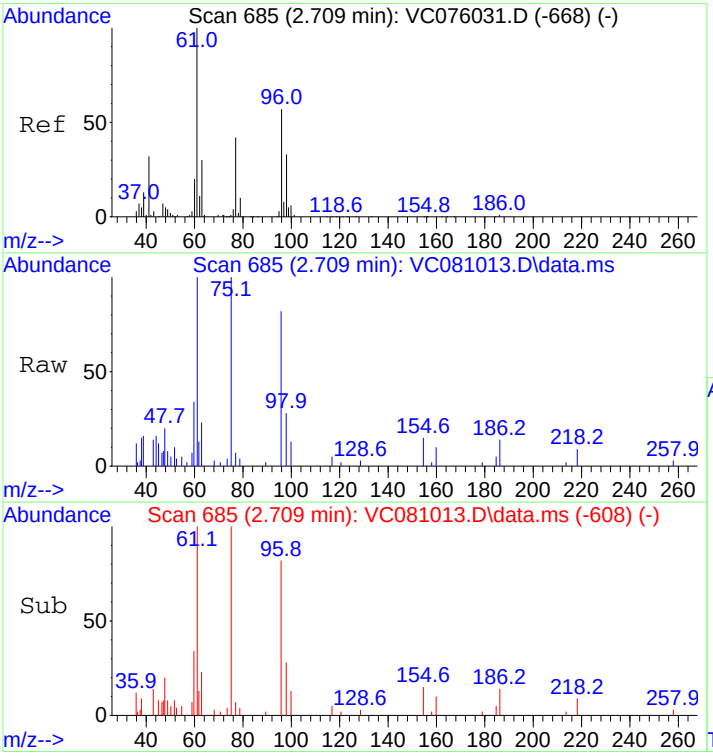


#23
METHYLENE CHLORIDE
Concen: 0.33 UG/L
RT: 1.760 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC081013.D
Acq: 21 Mar 2012 3:57 pm

Tgt Ion: 49 Resp: 4584

Ion	Ratio	Lower	Upper
49	100		
84	86.6	62.8	94.2
86	64.4	40.5	60.7#

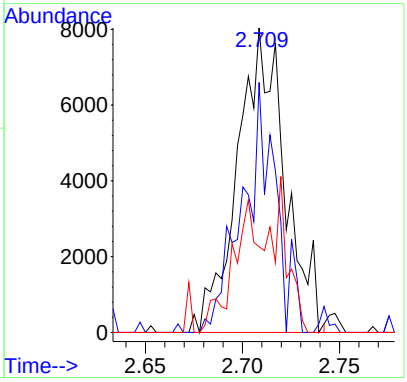


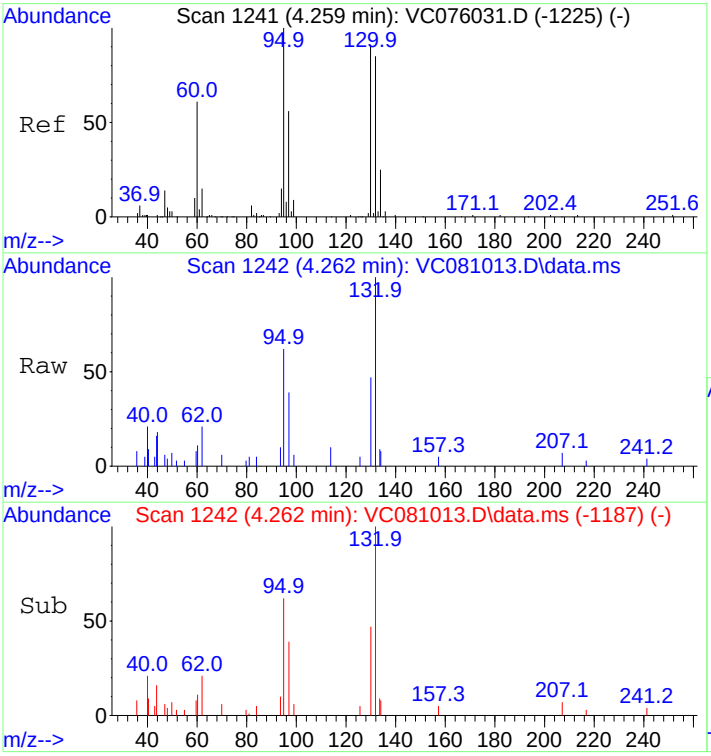


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.66 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.000 min
Lab File: VC081013.D
Acq: 21 Mar 2012 3:57 pm

Tgt Ion: 61 Resp: 13579

Ion	Ratio	Lower	Upper
61	100		
96	53.2	44.7	67.1
98	25.2	29.4	44.2#

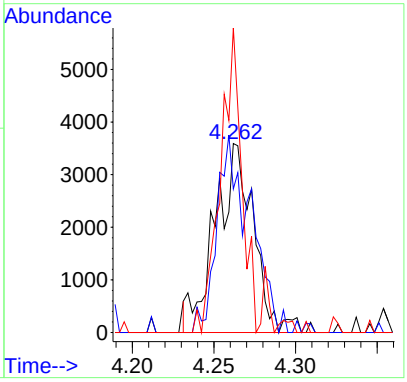


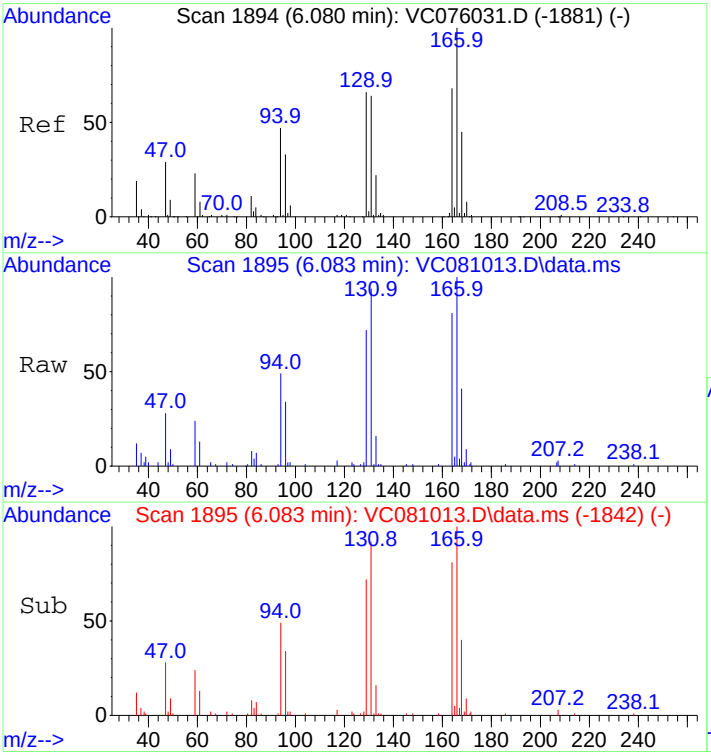


#51
TRICHLOROETHENE
Concen: 0.51 UG/L m
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC081013.D
Acq: 21 Mar 2012 3:57 pm

Tgt Ion: 95 Resp: 5861

Ion	Ratio	Lower	Upper
95	100		
130	59.8	74.8	112.2#
132	90.5	72.4	108.6

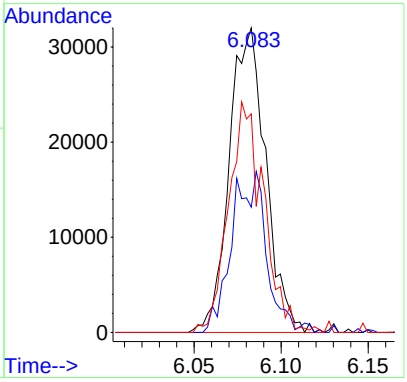




#66
TETRACHLOROETHENE
Concen: 4.27 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC081013.D
Acq: 21 Mar 2012 3:57 pm

Tgt Ion:166 Resp: 46831

Ion	Ratio	Lower	Upper
166	100		
168	29.7	38.2	57.2#
129	72.4	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-05	File ID:	VC081014.D
Sampled:	03/15/12 11:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-05	File ID:	VC081014.D
Sampled:	03/15/12 11:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-05	File ID:	VC081014.D
Sampled:	03/15/12 11:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	4.0	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-05	File ID:	VC081014.D
Sampled:	03/15/12 11:13	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:27
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081014.D
Acq On : 21 Mar 2012 4:27 pm
Operator :
Sample : 12C0539-05 Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

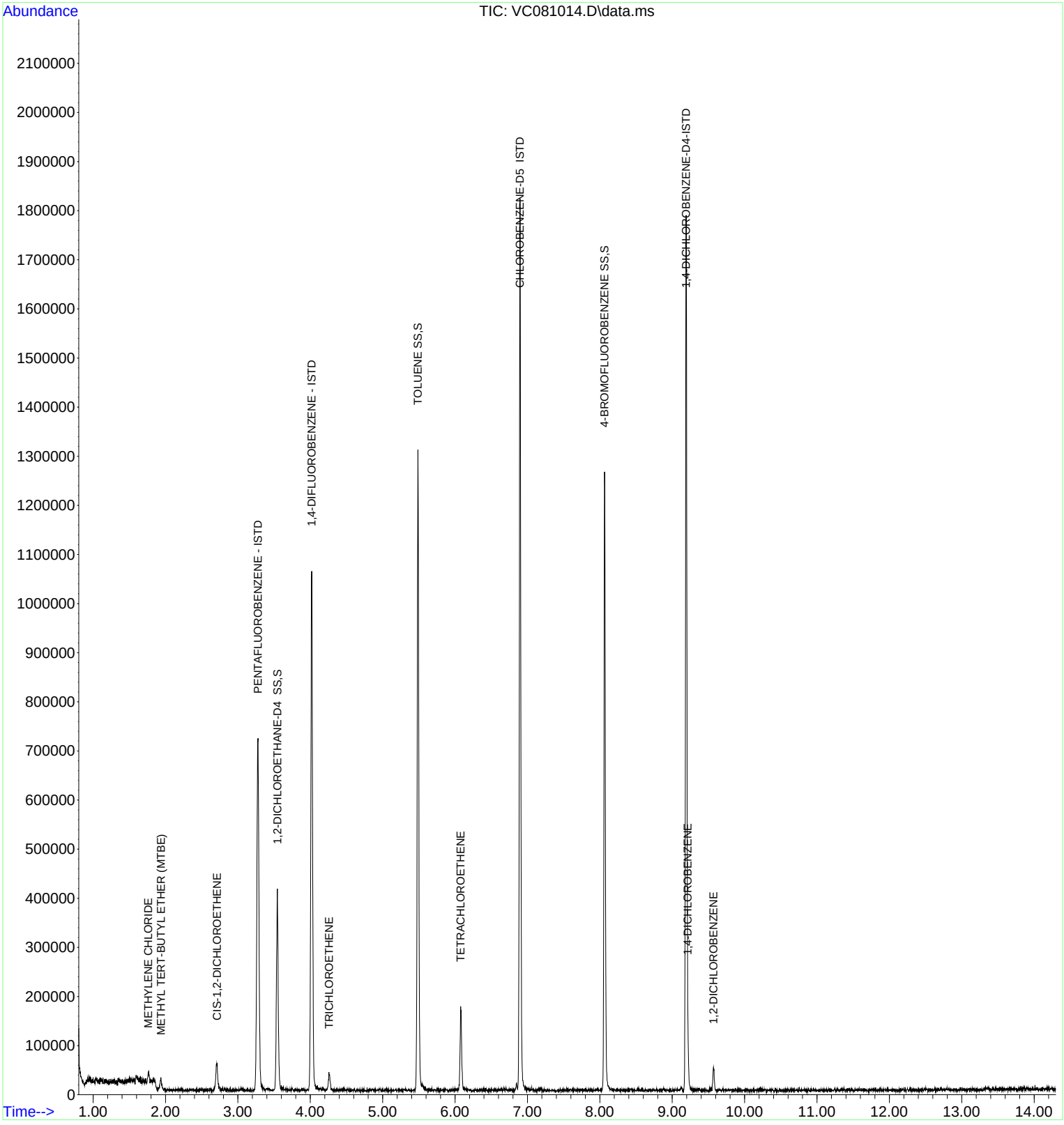
Quant Time: Mar 22 12:14:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

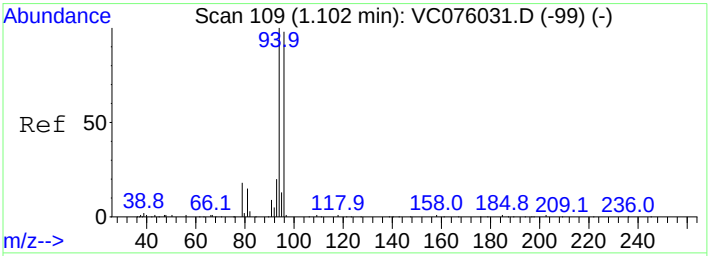
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	475686	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	714200	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	432789	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	366249	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	289740	23.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%				
49) TOLUENE SS	5.486	98	695000	24.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.52%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	331492	25.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.105	94	1269	Below Cal			86
13) ACROLEIN	1.468	56	605	Below Cal		#	1
23) METHYLENE CHLORIDE	1.760	49	6657	0.52	UG/L		93
25) METHYL TERT-BUTYL ETHE...	1.939	73	13836m	0.61	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.711	61	26563	1.40	UG/L	#	91
51) TRICHLOROETHENE	4.259	95	9129	0.87	UG/L		93
66) TETRACHLOROETHENE	6.077	166	39393	3.97	UG/L		96
95) 1,4-DICHLOROBENZENE	9.214	146	15299	0.74	UG/L	#	88
97) 1,2-DICHLOROBENZENE	9.571	146	12526	0.70	UG/L		94

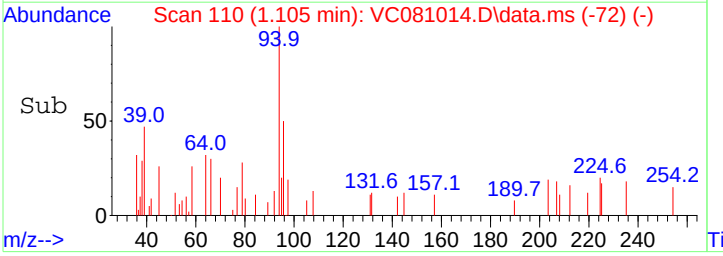
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081014.D
Acq On : 21 Mar 2012 4:27 pm
Operator :
Sample : 12C0539-05 Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 22 12:14:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



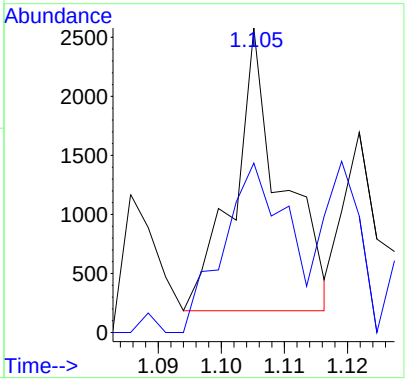


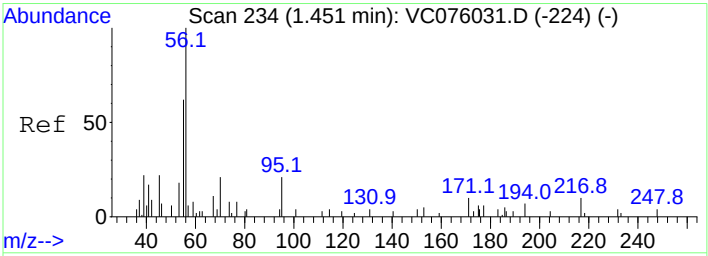


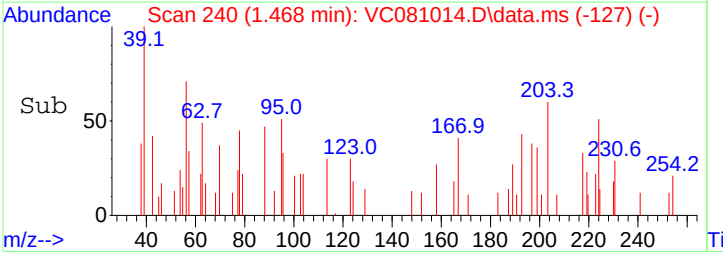
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 94 Resp: 1269

Ion	Ratio	Lower	Upper
94	100		
96	81.8	76.6	114.8



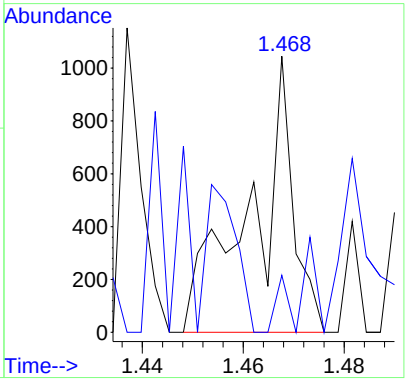


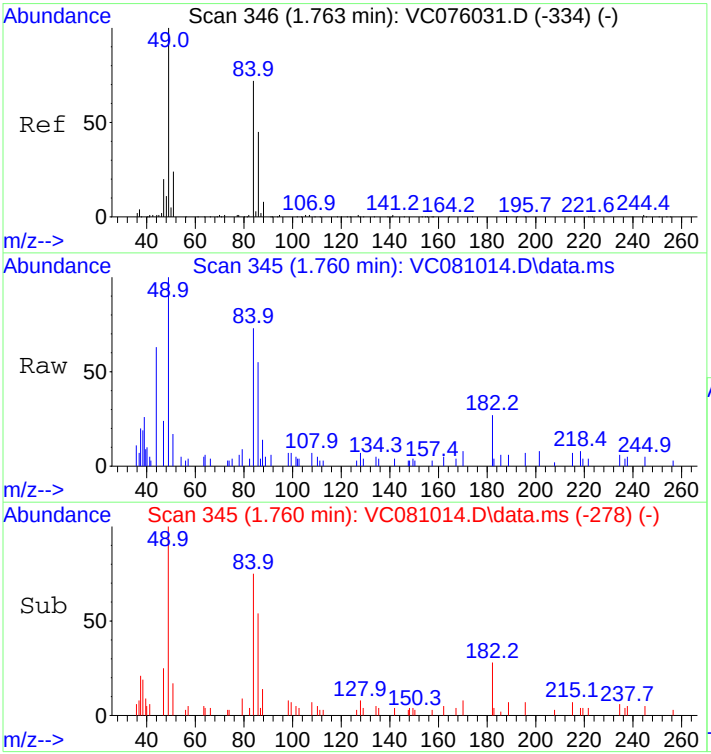


#13
ACROLEIN
Concen: Below Cal
RT: 1.468 min Scan# 240
Delta R.T. 0.015 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 56 Resp: 605

Ion	Ratio	Lower	Upper
56	100		
55	129.4	0.5	0.7#

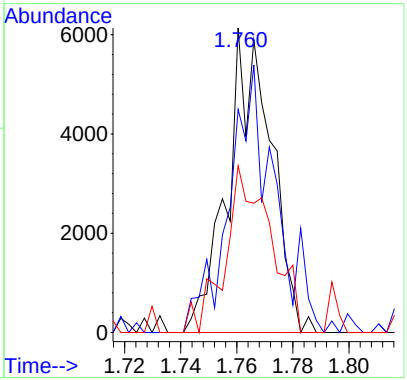


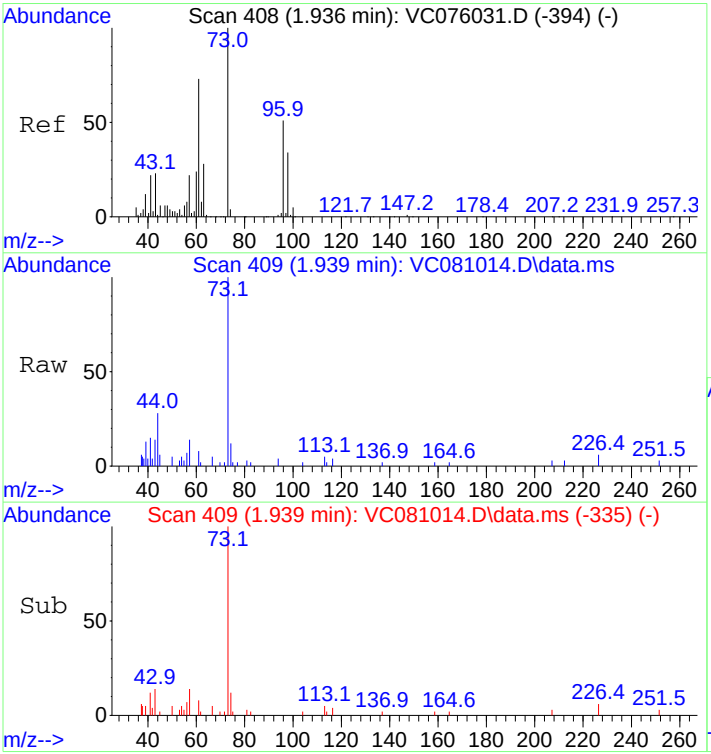


#23
METHYLENE CHLORIDE
Concen: 0.52 UG/L
RT: 1.760 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 49 Resp: 6657

Ion	Ratio	Lower	Upper
49	100		
84	83.3	62.8	94.2
86	57.1	40.5	60.7

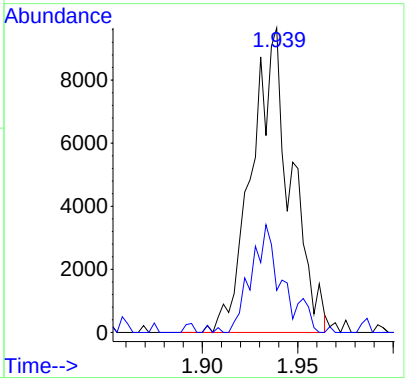


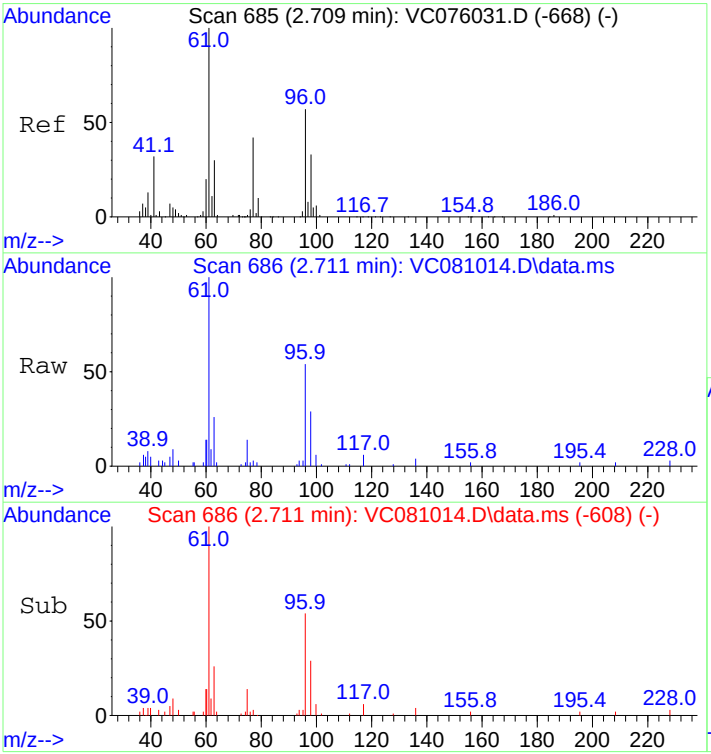


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.61 UG/L m
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 73 Resp: 13836

Ion	Ratio	Lower	Upper
73	100		
57	24.4	16.7	25.1

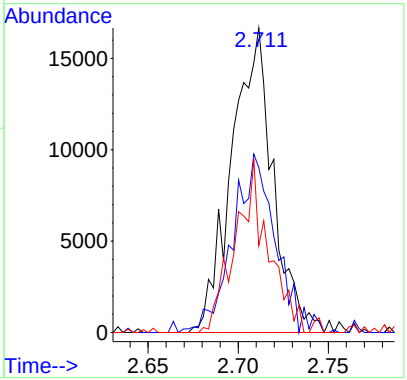


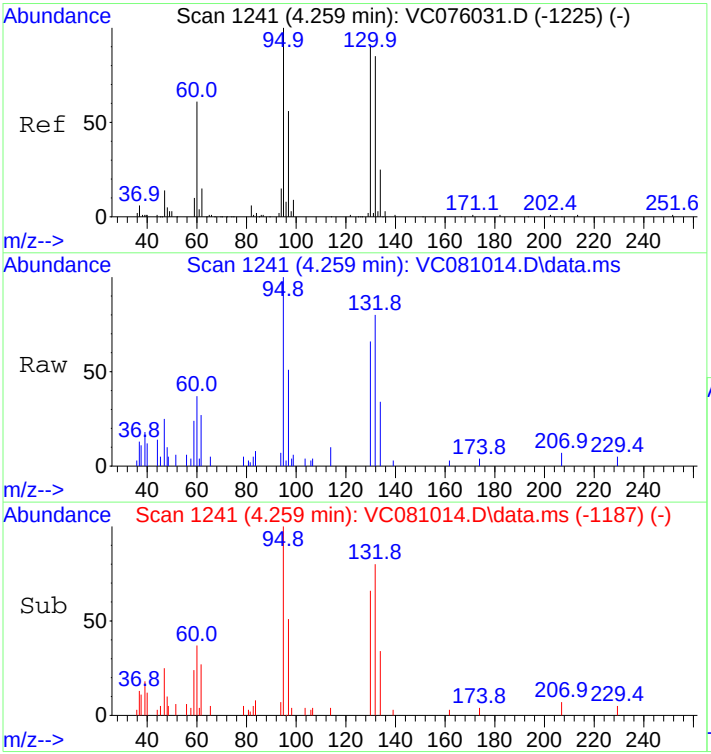


#33
CIS-1,2-DICHLOROETHENE
Concen: 1.40 UG/L
RT: 2.711 min Scan# 686
Delta R.T. 0.003 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 61 Resp: 26563

Ion	Ratio	Lower	Upper
61	100		
96	60.3	44.7	67.1
98	45.5	29.4	44.2#

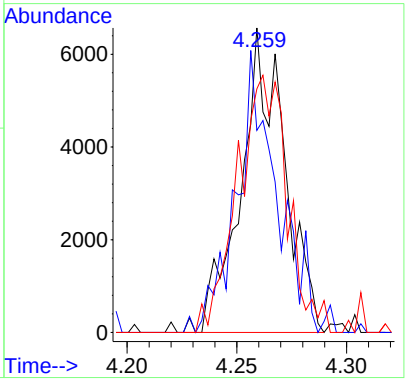


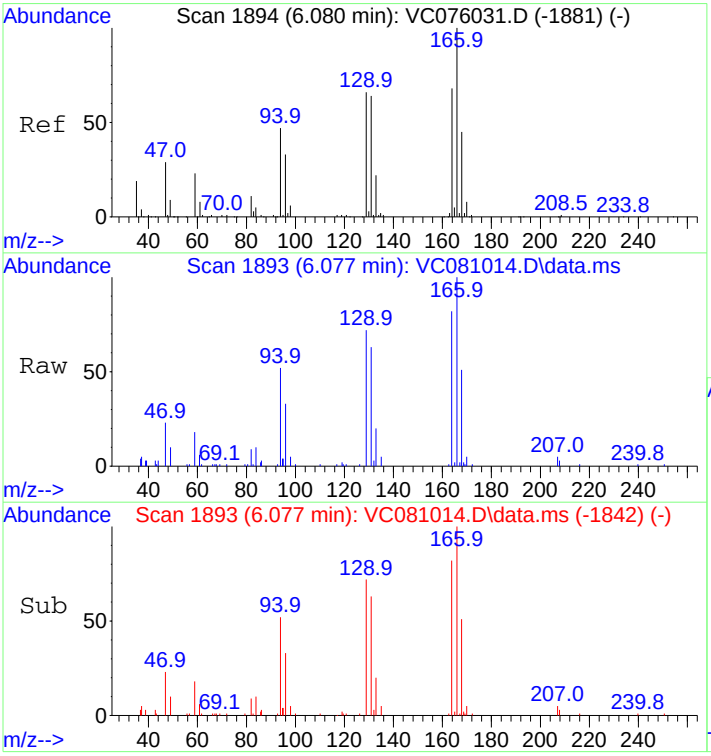


#51
TRICHLOROETHENE
Concen: 0.87 UG/L
RT: 4.259 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion: 95 Resp: 9129

Ion	Ratio	Lower	Upper
95	100		
130	85.0	74.8	112.2
132	96.1	72.4	108.6

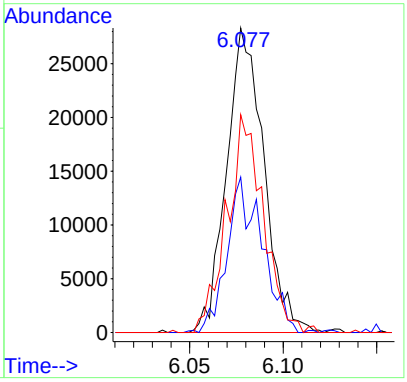


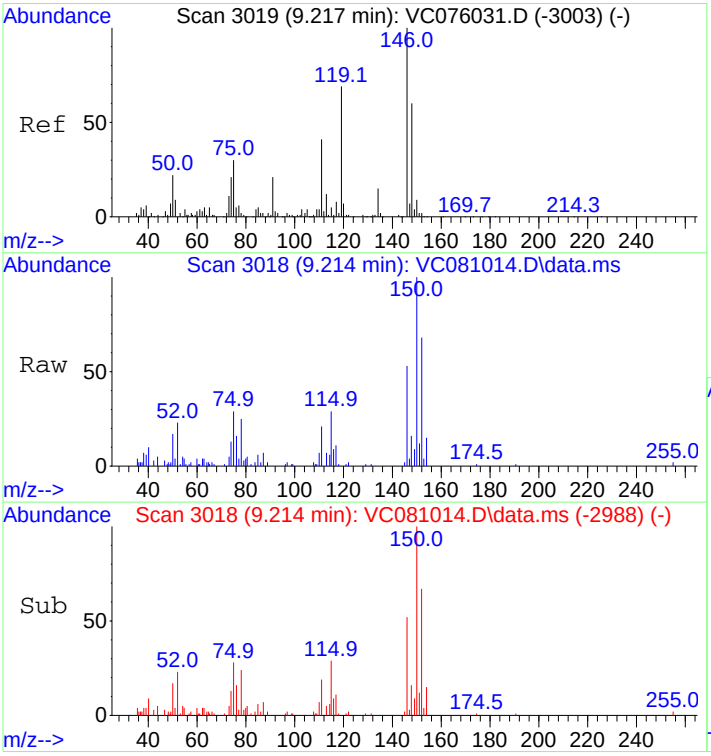


#66
TETRACHLOROETHENE
Concen: 3.97 UG/L
RT: 6.077 min Scan# 1893
Delta R.T. -0.003 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion:166 Resp: 39393

Ion	Ratio	Lower	Upper
166	100		
168	47.7	38.2	57.2
129	69.4	59.8	89.6

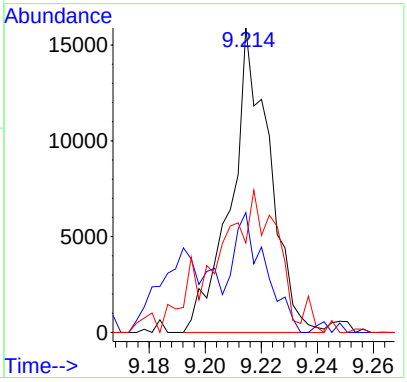


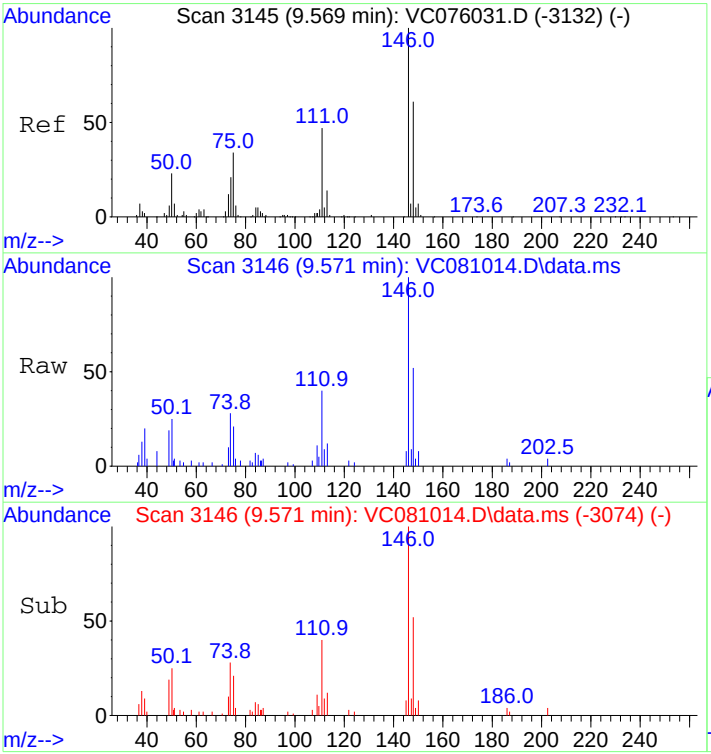


#95
1,4-DICHLOROBENZENE
Concen: 0.74 UG/L
RT: 9.214 min Scan# 3018
Delta R.T. -0.003 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion:146 Resp: 15299

Ion	Ratio	Lower	Upper
146	100		
111	32.5	34.1	51.1#
148	57.1	51.2	76.8

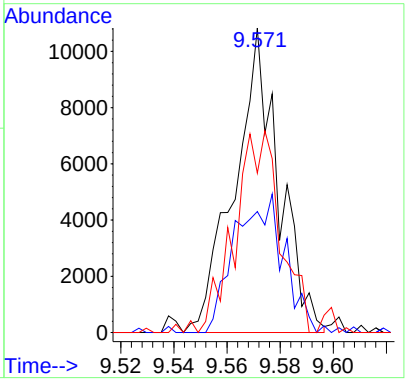




#97
1,2-DICHLOROBENZENE
Concen: 0.70 UG/L
RT: 9.571 min Scan# 3146
Delta R.T. 0.000 min
Lab File: VC081014.D
Acq: 21 Mar 2012 4:27 pm

Tgt Ion:146 Resp: 12526

Ion	Ratio	Lower	Upper
146	100		
111	50.4	36.2	54.4
148	68.2	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-06	File ID:	VC081015.D
Sampled:	03/15/12 11:31	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-06	File ID:	VC081015.D
Sampled:	03/15/12 11:31	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-06	File ID:	VC081015.D
Sampled:	03/15/12 11:31	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	4.9	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-3-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-06	File ID:	VC081015.D
Sampled:	03/15/12 11:31	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 16:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081015.D
Acq On : 21 Mar 2012 4:58 pm
Operator :
Sample : 12C0539-06 Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

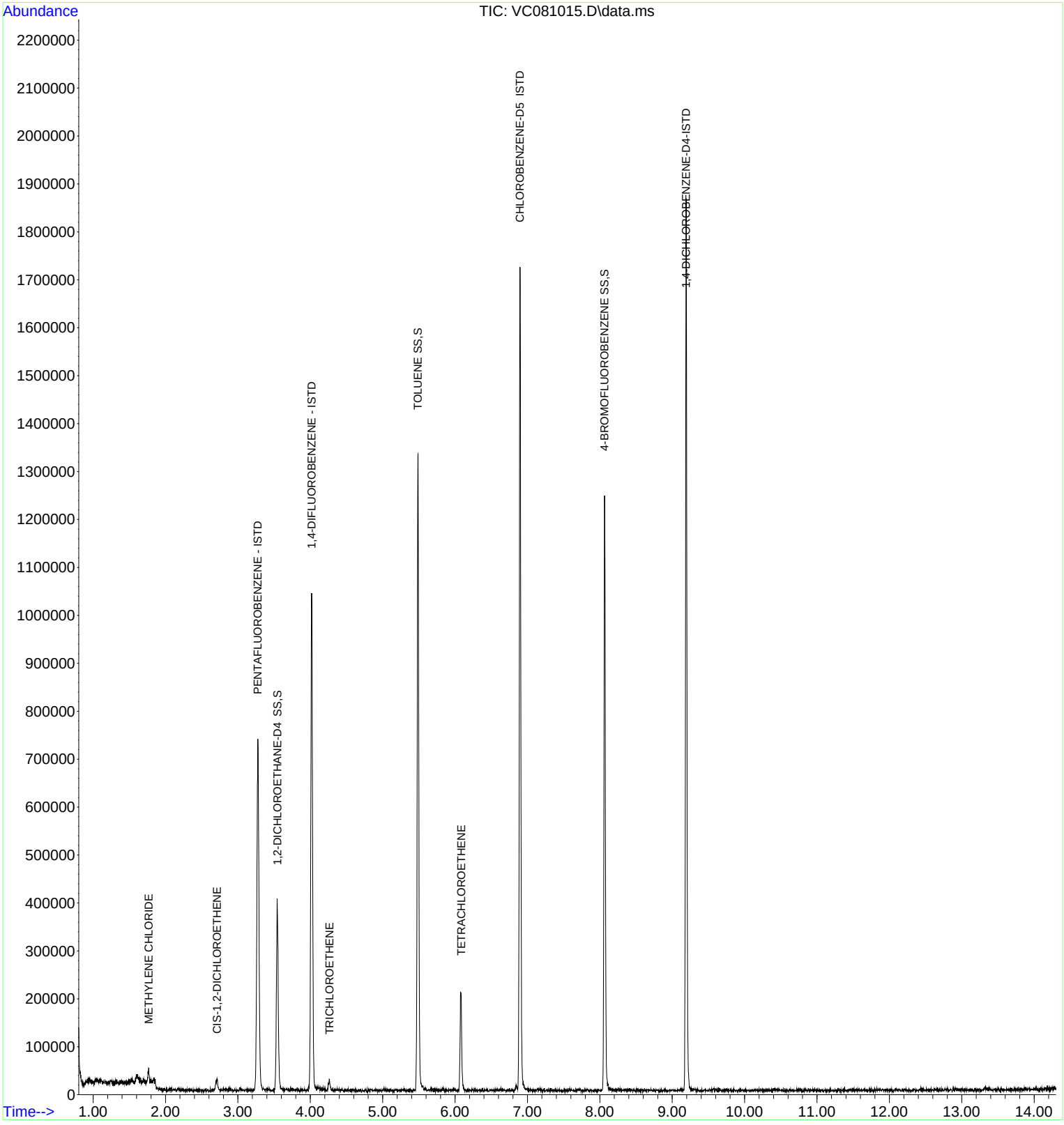
Quant Time: Mar 22 12:15:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

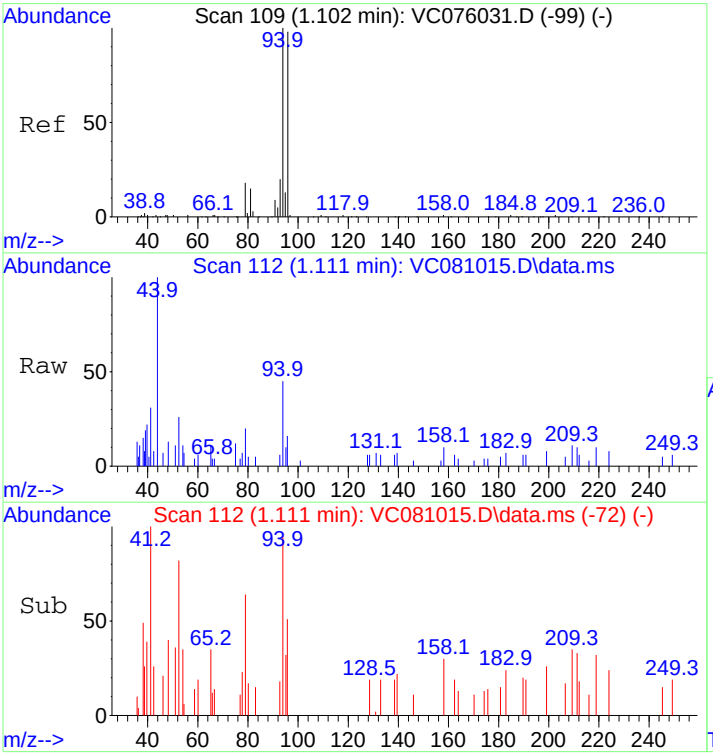
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	471632	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	718709	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	449991	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	371613	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	291144	24.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%			
49) TOLUENE SS	5.486	98	708288	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	328159	24.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.64%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.111	94	1145	Below Cal		86
23) METHYLENE CHLORIDE	1.769	49	7891	0.62	UG/L #	58
33) CIS-1,2-DICHLOROETHENE	2.711	61	6393m	0.34	UG/L	
51) TRICHLOROETHENE	4.265	95	6150	0.58	UG/L #	56
66) TETRACHLOROETHENE	6.086	166	49153	4.93	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081015.D
Acq On : 21 Mar 2012 4:58 pm
Operator :
Sample : 12C0539-06 Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 22 12:15:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

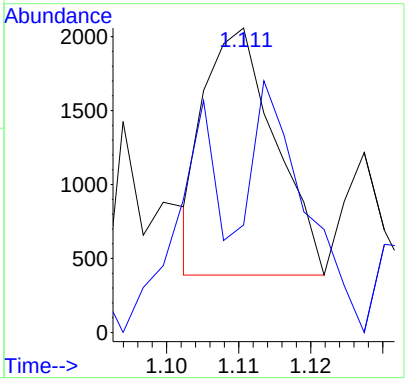


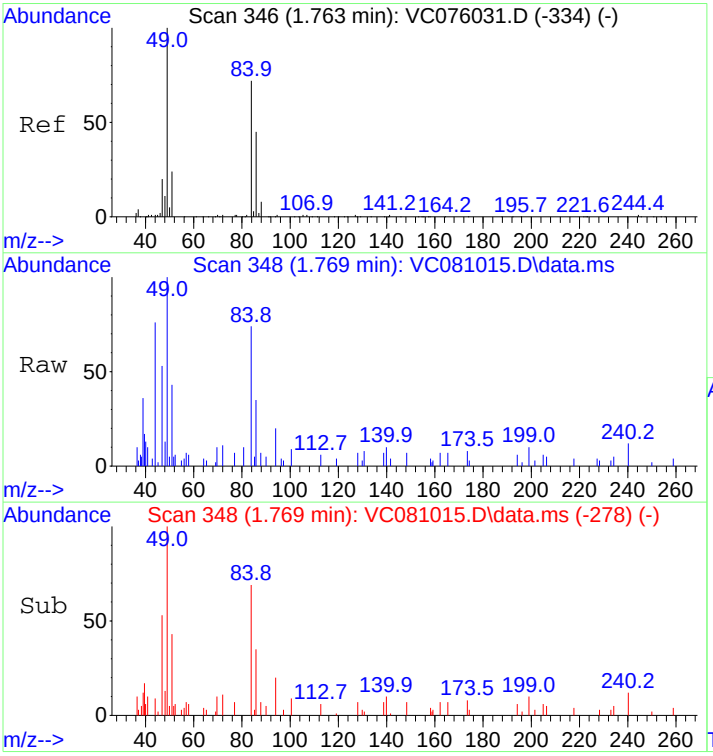


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC081015.D
Acq: 21 Mar 2012 4:58 pm

Tgt Ion: 94 Resp: 1145

Ion	Ratio	Lower	Upper
94	100		
96	81.7	76.6	114.8

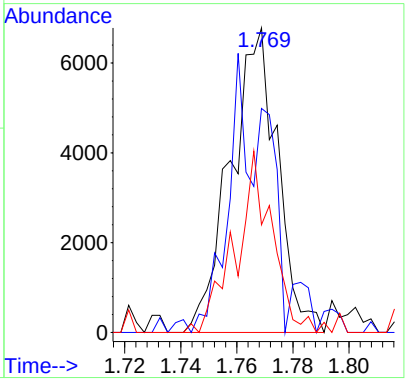


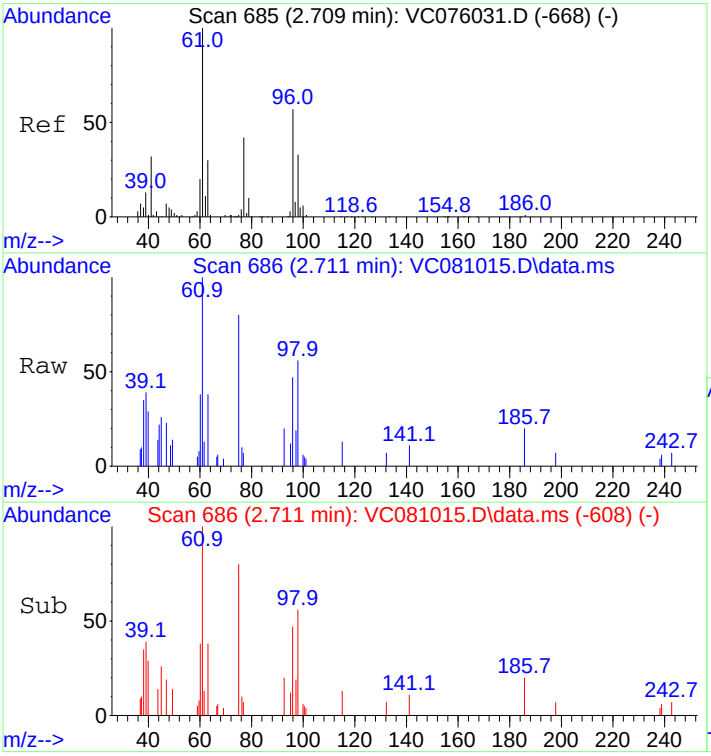


#23
METHYLENE CHLORIDE
Concen: 0.62 UG/L
RT: 1.769 min Scan# 348
Delta R.T. 0.006 min
Lab File: VC081015.D
Acq: 21 Mar 2012 4:58 pm

Tgt Ion: 49 Resp: 7891

Ion	Ratio	Lower	Upper
49	100		
84	21.7	62.8	94.2#
86	46.0	40.5	60.7

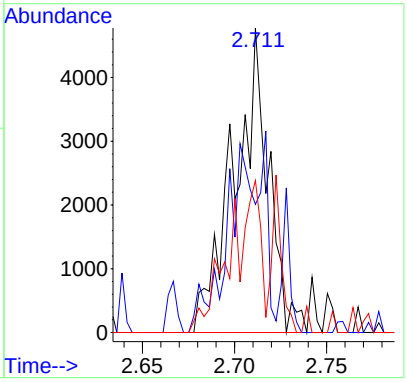


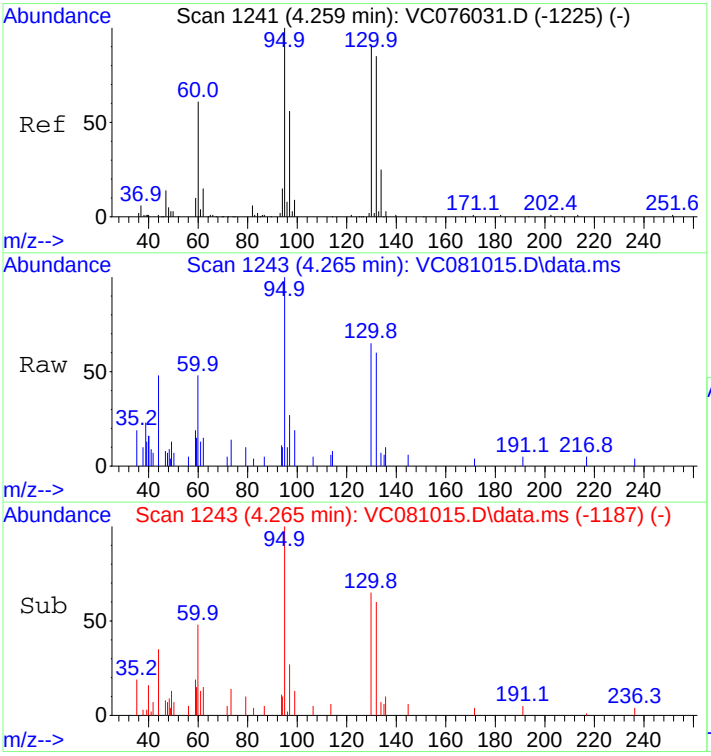


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.34 UG/L m
RT: 2.711 min Scan# 686
Delta R.T. 0.003 min
Lab File: VC081015.D
Acq: 21 Mar 2012 4:58 pm

Tgt Ion: 61 Resp: 6393

Ion	Ratio	Lower	Upper
61	100		
96	0.0	44.7	67.1#
98	20.9	29.4	44.2#

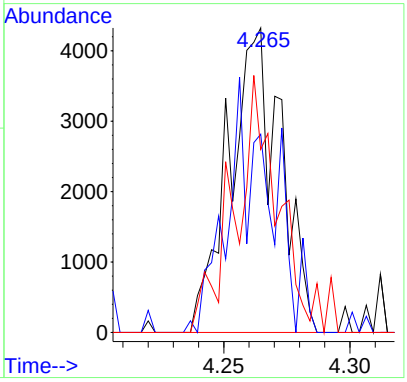


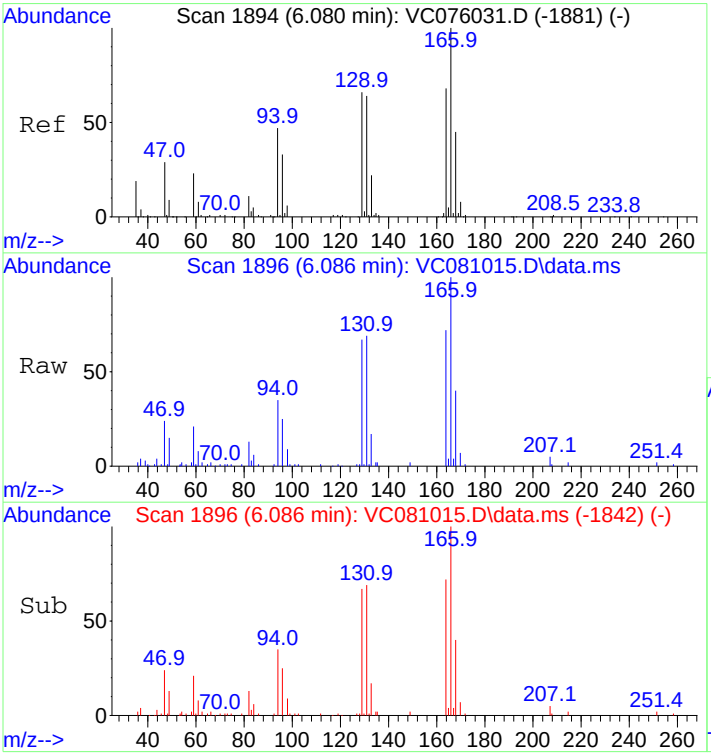


#51
TRICHLOROETHENE
Concen: 0.58 UG/L
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC081015.D
Acq: 21 Mar 2012 4:58 pm

Tgt Ion: 95 Resp: 6150

Ion	Ratio	Lower	Upper
95	100		
130	31.5	74.8	112.2#
132	68.9	72.4	108.6#

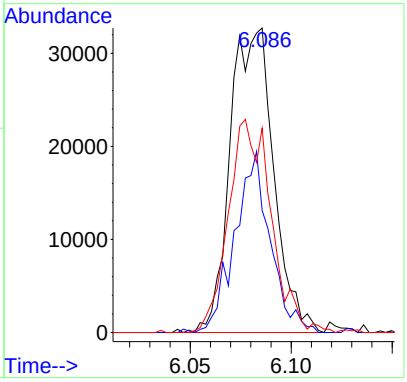




#66
TETRACHLOROETHENE
Concen: 4.93 UG/L
RT: 6.086 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VC081015.D
Acq: 21 Mar 2012 4:58 pm

Tgt Ion:166 Resp: 49153

Ion	Ratio	Lower	Upper
166	100		
168	48.1	38.2	57.2
129	68.7	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-07	File ID:	VC081016.D
Sampled:	03/15/12 12:24	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-07	File ID:	VC081016.D
Sampled:	03/15/12 12:24	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-07	File ID:	VC081016.D
Sampled:	03/15/12 12:24	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-07	File ID:	VC081016.D
Sampled:	03/15/12 12:24	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081016.D
Acq On : 21 Mar 2012 5:28 pm
Operator :
Sample : 12C0539-07 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

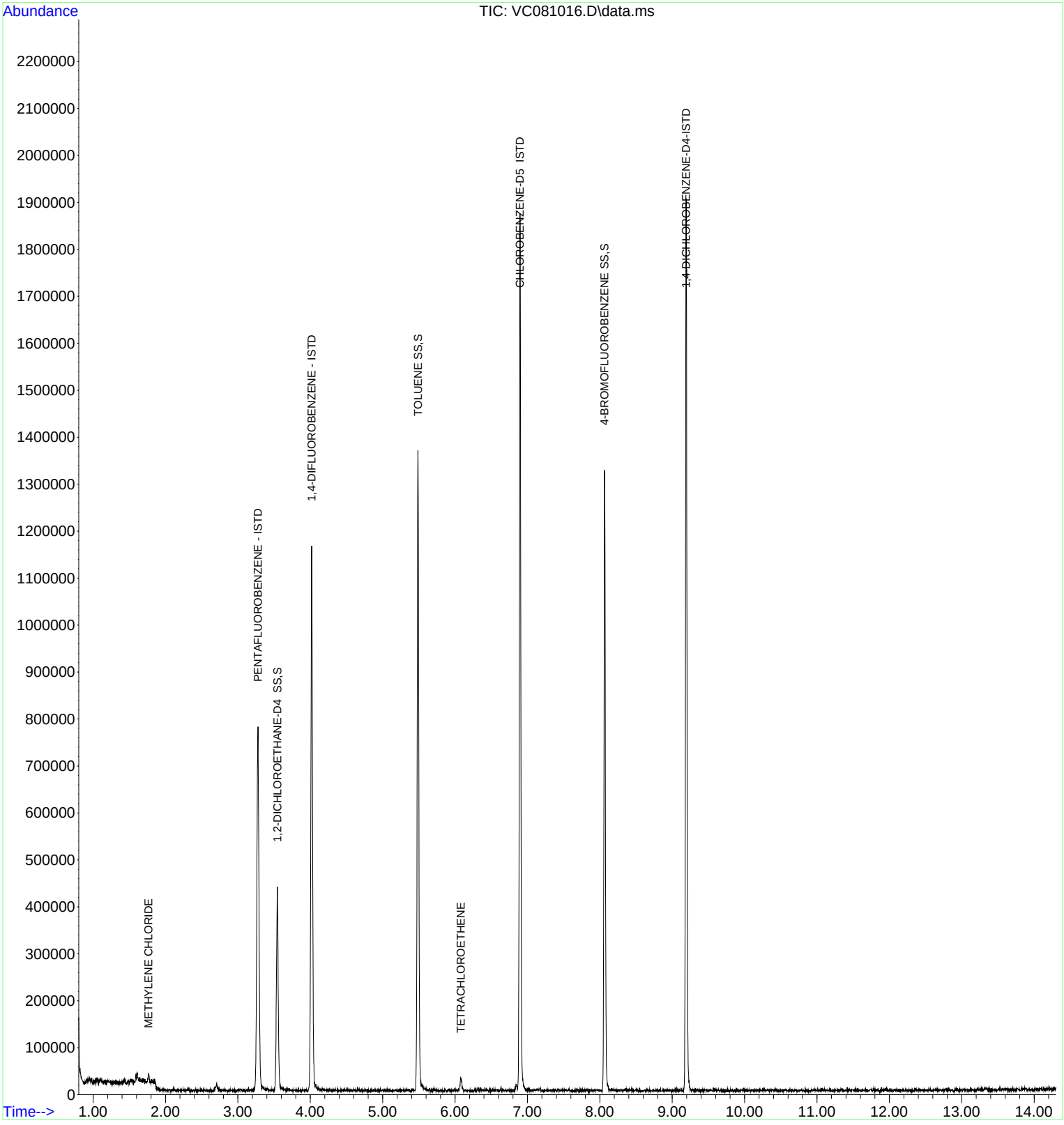
Quant Time: Mar 22 12:16:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

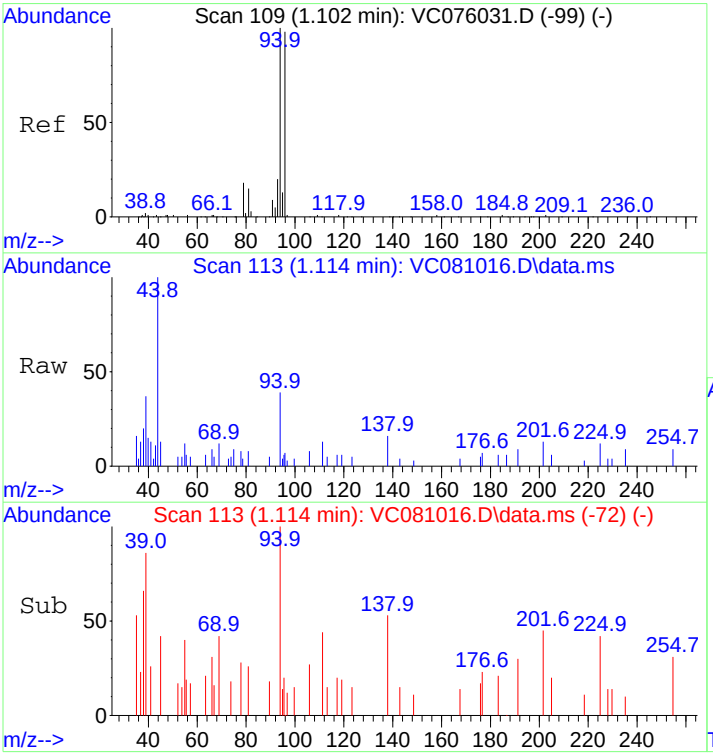
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	510875	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	763975	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	470145	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	396038	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	308458	23.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.92%			
49) TOLUENE SS	5.489	98	749702	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	344261	24.26	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.114	94	871	Below Cal	#	65
13) ACROLEIN	1.348	56	540	Below Cal	#	99
23) METHYLENE CHLORIDE	1.766	49	5633	0.41	UG/L #	85
66) TETRACHLOROETHENE	6.080	166	5327	0.50	UG/L #	65

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081016.D
Acq On : 21 Mar 2012 5:28 pm
Operator :
Sample : 12C0539-07 Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 22 12:16:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

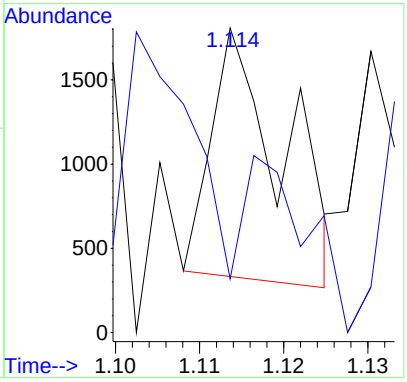


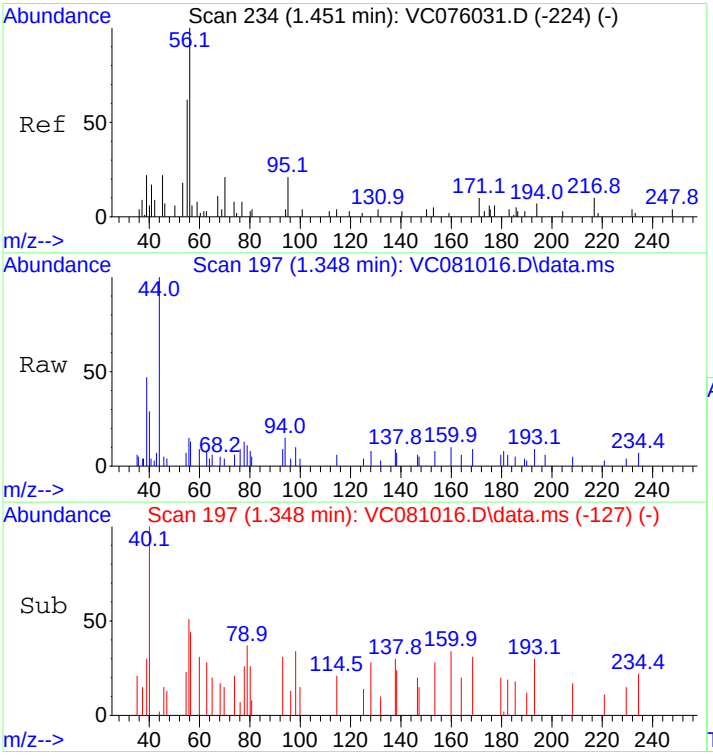


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.114 min Scan# 113
Delta R.T. 0.015 min
Lab File: VC081016.D
Acq: 21 Mar 2012 5:28 pm

Tgt Ion: 94 Resp: 871

Ion	Ratio	Lower	Upper
94	100		
96	61.7	76.6	114.8#

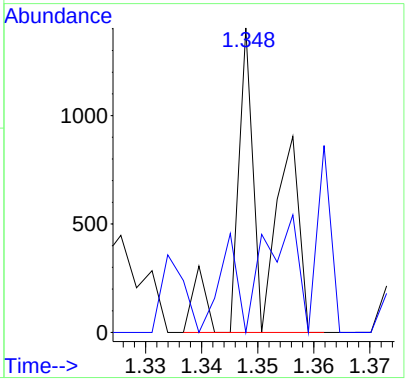


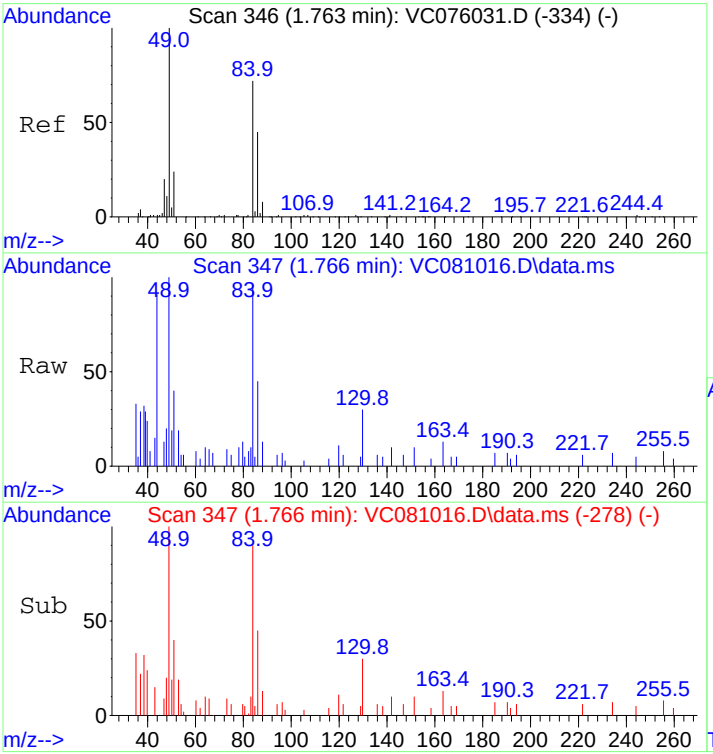


#13
ACROLEIN
Concen: Below Cal
RT: 1.348 min Scan# 197
Delta R.T. -0.105 min
Lab File: VC081016.D
Acq: 21 Mar 2012 5:28 pm

Tgt Ion: 56 Resp: 540

Ion	Ratio	Lower	Upper
56	100		
55	0.0	0.5	0.7#

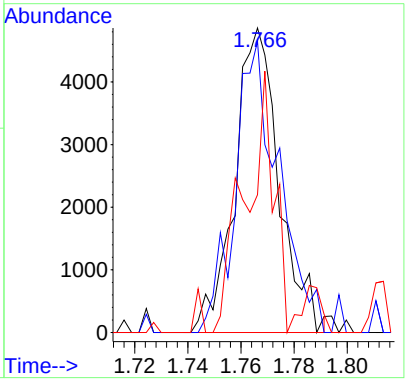


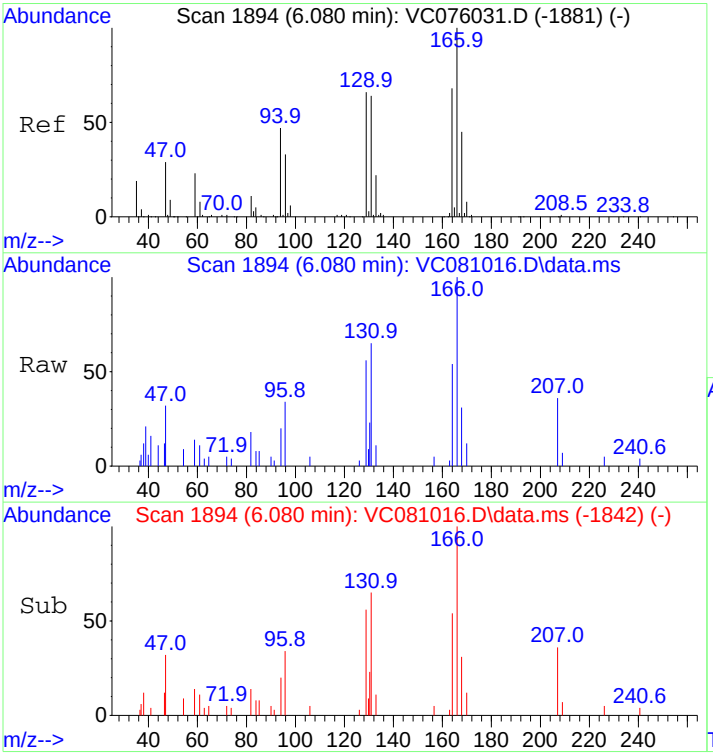


#23
METHYLENE CHLORIDE
Concen: 0.41 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081016.D
Acq: 21 Mar 2012 5:28 pm

Tgt Ion: 49 Resp: 5633

Ion	Ratio	Lower	Upper
49	100		
84	94.5	62.8	94.2#
86	57.7	40.5	60.7

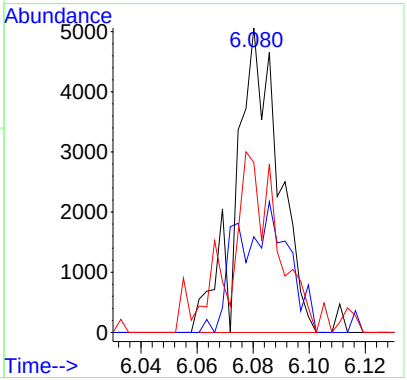




#66
TETRACHLOROETHENE
Concen: 0.50 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081016.D
Acq: 21 Mar 2012 5:28 pm

Tgt Ion:166 Resp: 5327

Ion	Ratio	Lower	Upper
166	100		
168	16.8	38.2	57.2#
129	51.5	59.8	89.6#



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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-08	File ID:	VC081017.D
Sampled:	03/15/12 13:02	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-08	File ID:	VC081017.D
Sampled:	03/15/12 13:02	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-08	File ID:	VC081017.D
Sampled:	03/15/12 13:02	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	5.3	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-4-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-08	File ID:	VC081017.D
Sampled:	03/15/12 13:02	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 17:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081017.D
Acq On : 21 Mar 2012 5:58 pm
Operator :
Sample : 12C0539-08 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

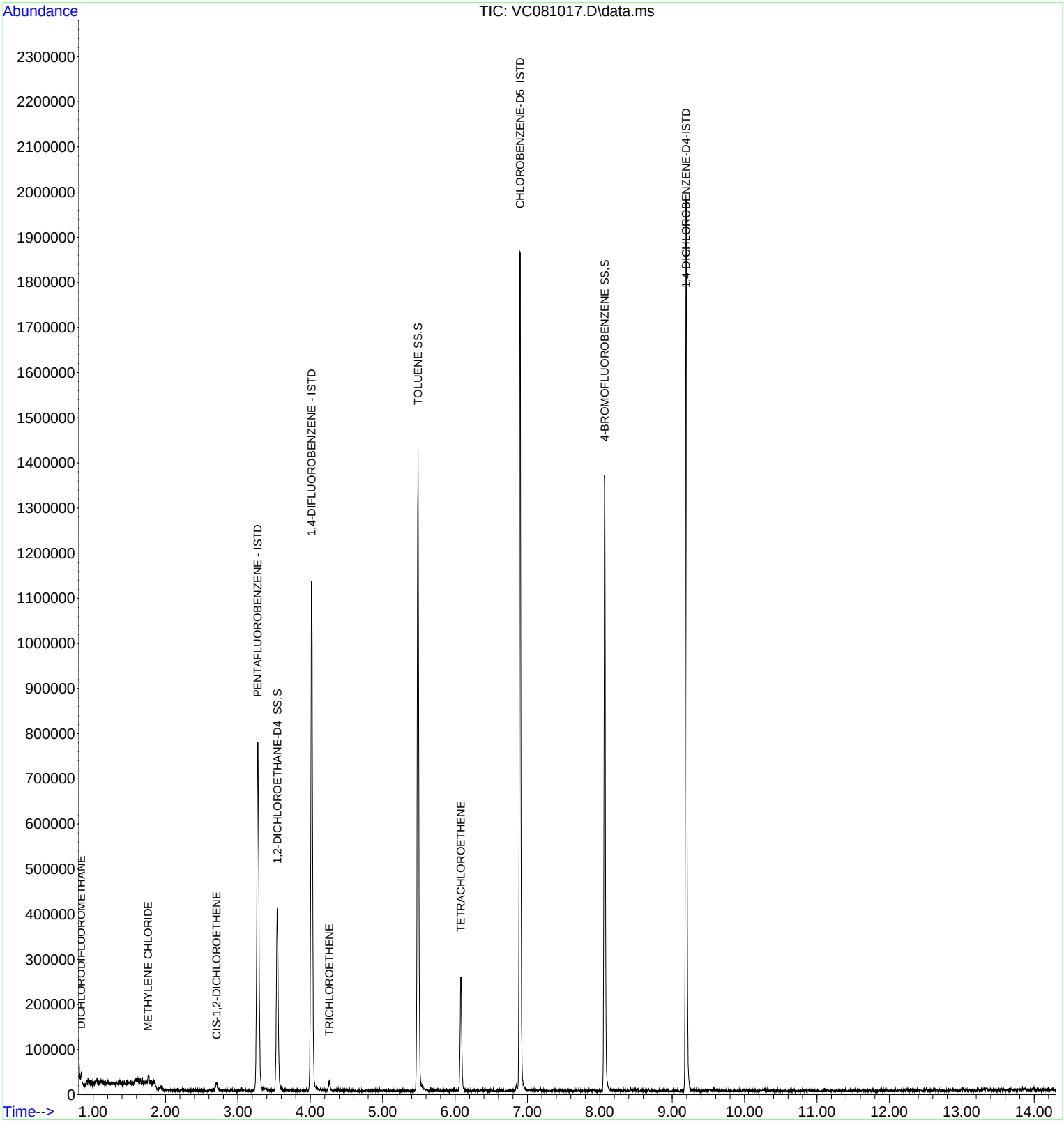
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Response via : Initial Calibration

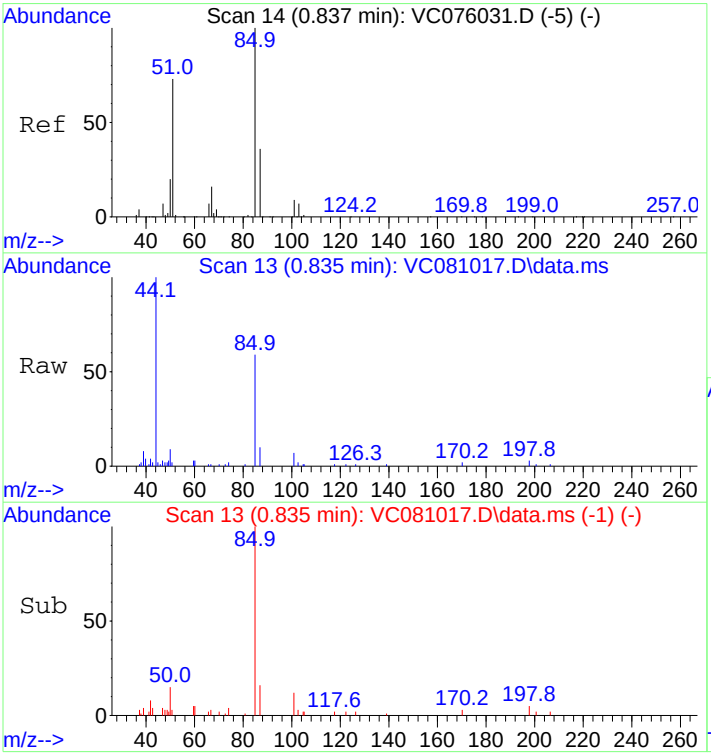
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	503207	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	764712	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	478062	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	402162	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	307265	23.74	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.96%				
49) TOLUENE SS	5.489	98	758754	25.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	346841	24.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	7982	0.62	UG/L		98
7) BROMOMETHANE	1.108	94	767	Below Cal			93
23) METHYLENE CHLORIDE	1.758	49	4031	0.30	UG/L	#	78
33) CIS-1,2-DICHLOROETHENE	2.706	61	4789	0.24	UG/L	#	65
51) TRICHLOROETHENE	4.262	95	4541	0.40	UG/L	#	75
66) TETRACHLOROETHENE	6.080	166	56134	5.29	UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081017.D
Acq On : 21 Mar 2012 5:58 pm
Operator :
Sample : 12C0539-08 Inst : GCMSVOA3
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 22 12:17:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

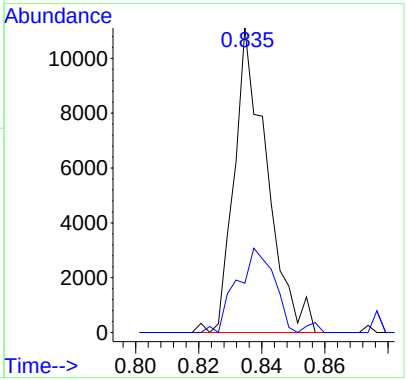


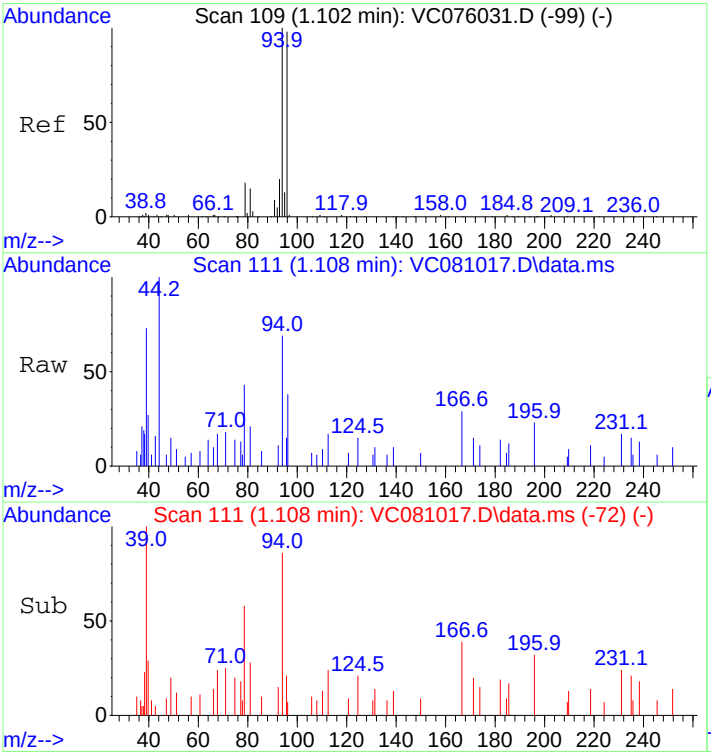


#3
DICHLORODIFLUOROMETHANE
Concen: 0.62 UG/L
RT: 0.835 min Scan# 13
Delta R.T. -0.002 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion: 85 Resp: 7982

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.0	39.0

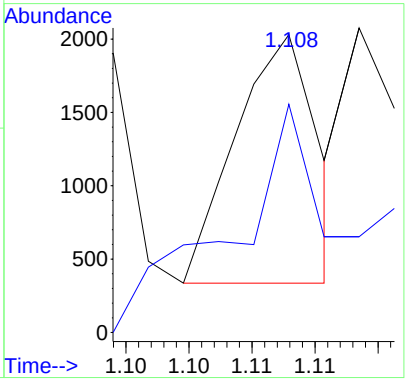


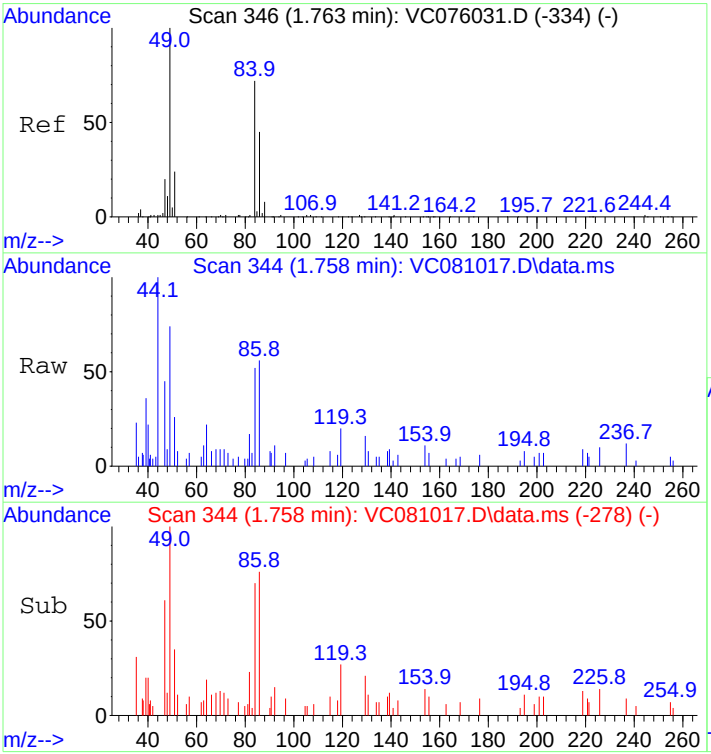


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion: 94 Resp: 767

Ion	Ratio	Lower	Upper
94	100		
96	102.7	76.6	114.8

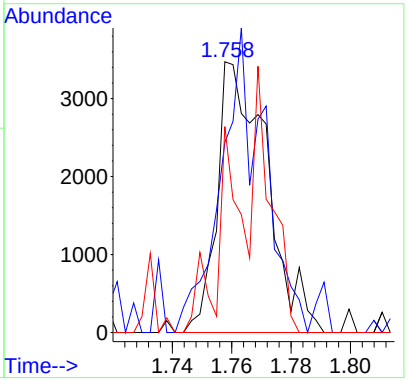


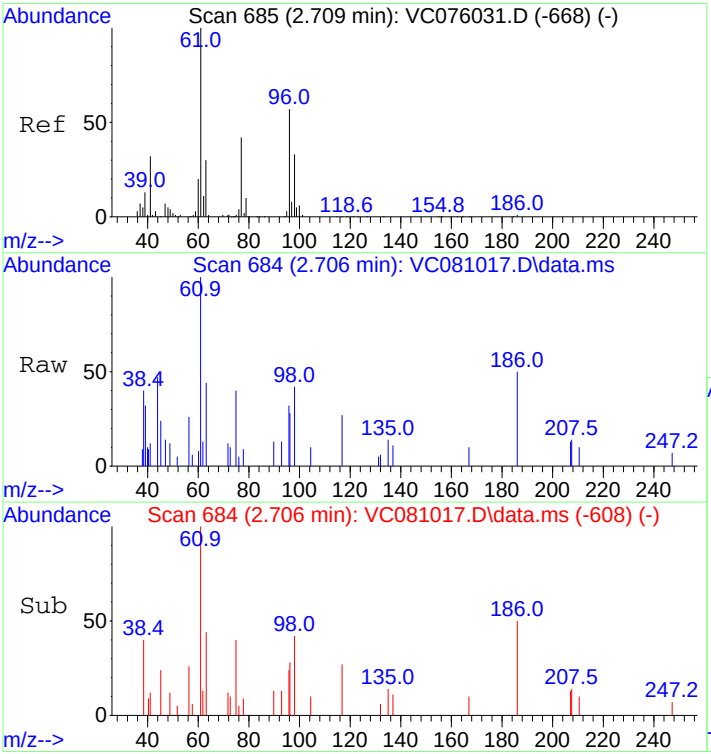


#23
METHYLENE CHLORIDE
Concen: 0.30 UG/L
RT: 1.758 min Scan# 344
Delta R.T. -0.006 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion: 49 Resp: 4031

Ion	Ratio	Lower	Upper
49	100		
84	97.8	62.8	94.2#
86	36.2	40.5	60.7#

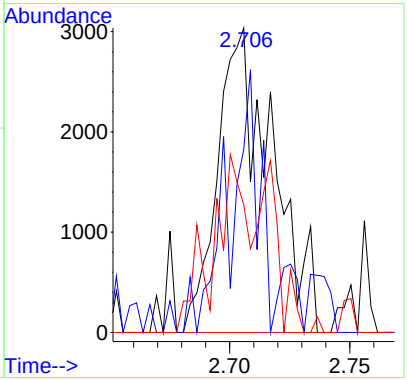


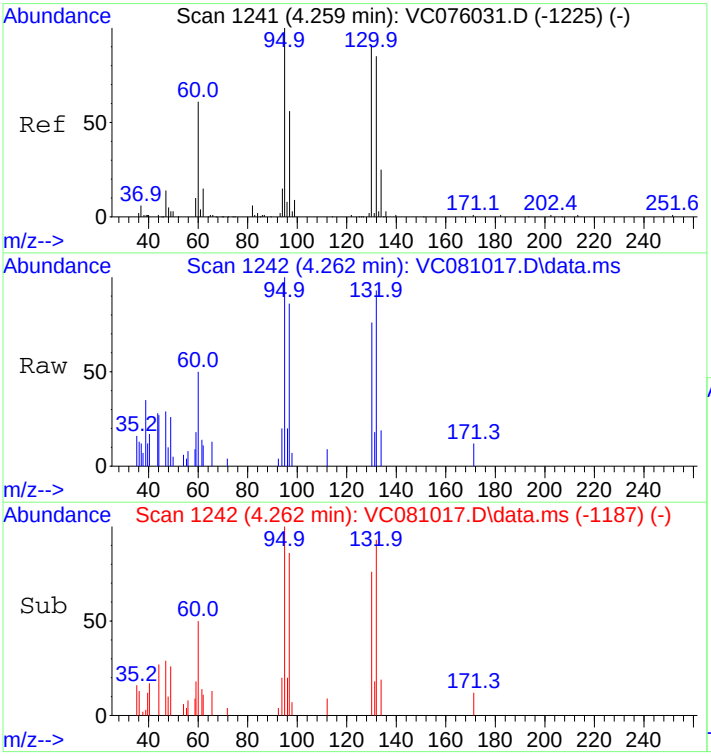


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.24 UG/L
RT: 2.706 min Scan# 684
Delta R.T. -0.003 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion: 61 Resp: 4789

Ion	Ratio	Lower	Upper
61	100		
96	25.7	44.7	67.1#
98	21.3	29.4	44.2#

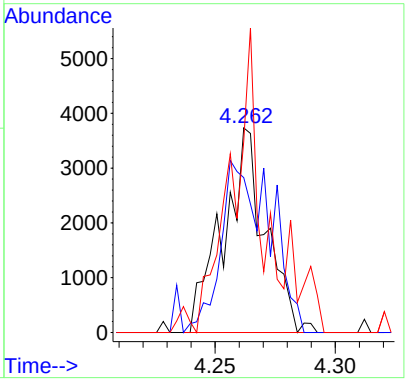


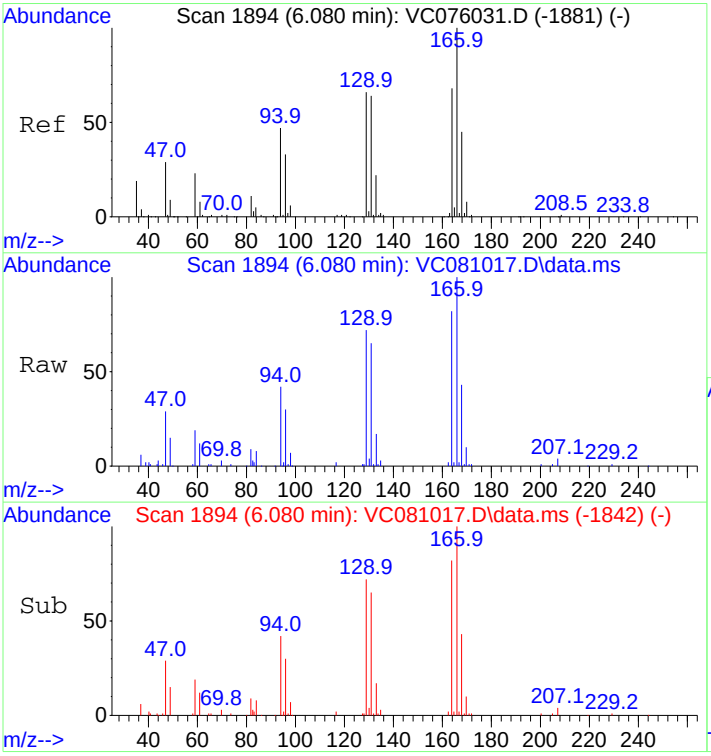


#51
TRICHLOROETHENE
Concen: 0.40 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion: 95 Resp: 4541

Ion	Ratio	Lower	Upper
95	100		
130	57.6	74.8	112.2#
132	101.4	72.4	108.6

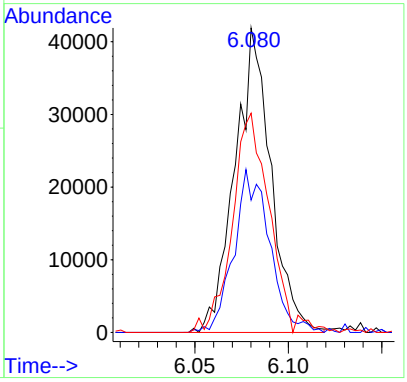




#66
TETRACHLOROETHENE
Concen: 5.29 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081017.D
Acq: 21 Mar 2012 5:58 pm

Tgt Ion:166 Resp: 56134

Ion	Ratio	Lower	Upper
166	100		
168	53.0	38.2	57.2
129	72.1	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-09	File ID:	VC081018.D
Sampled:	03/15/12 14:17	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-09	File ID:	VC081018.D
Sampled:	03/15/12 14:17	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-09	File ID:	VC081018.D
Sampled:	03/15/12 14:17	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH5-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-09	File ID:	VC081018.D
Sampled:	03/15/12 14:17	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081018.D
Acq On : 21 Mar 2012 6:28 pm
Operator :
Sample : 12C0539-09 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

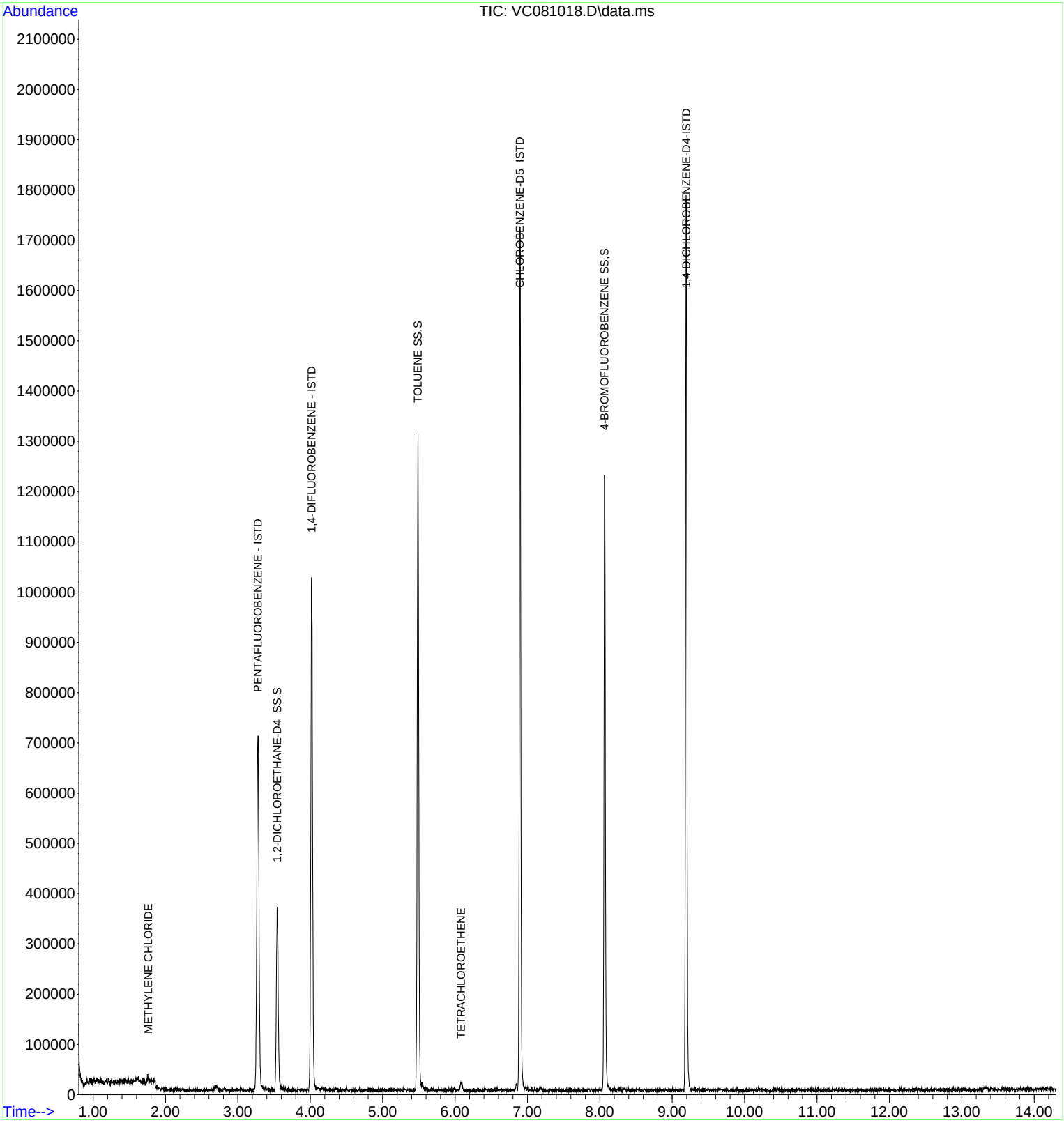
Quant Time: Mar 22 12:18:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

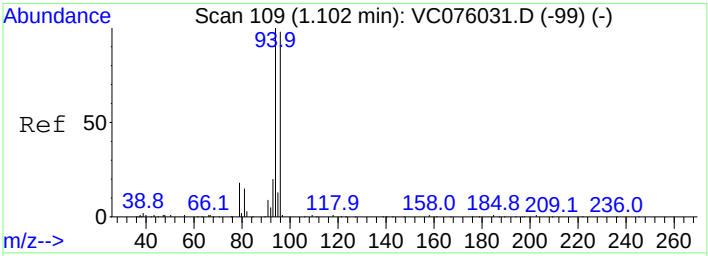
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	471011	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	694044	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	440667	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	357119	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	281222	23.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.88%				
49) TOLUENE SS	5.486	98	694391	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	322168	24.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.111	94	1348	Below Cal			93
13) ACROLEIN	1.192	56	541	Below Cal		#	1
23) METHYLENE CHLORIDE	1.760	49	4441	0.35	UG/L		92
66) TETRACHLOROETHENE	6.083	166	2791	0.29	UG/L	#	60

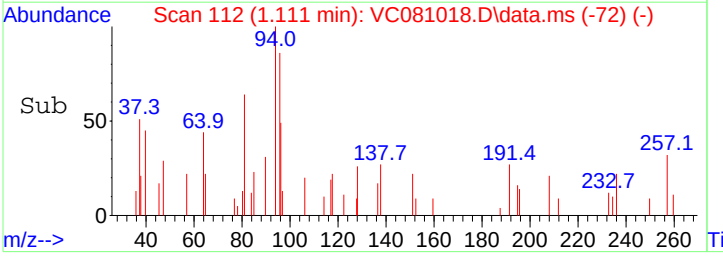
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081018.D
Acq On : 21 Mar 2012 6:28 pm
Operator :
Sample : 12C0539-09 Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 22 12:18:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



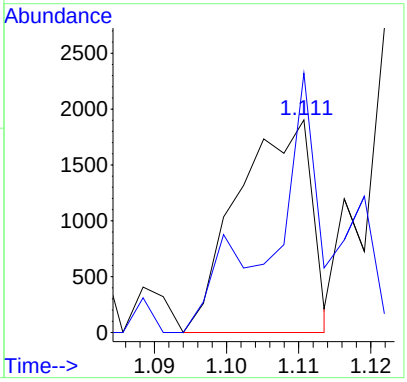


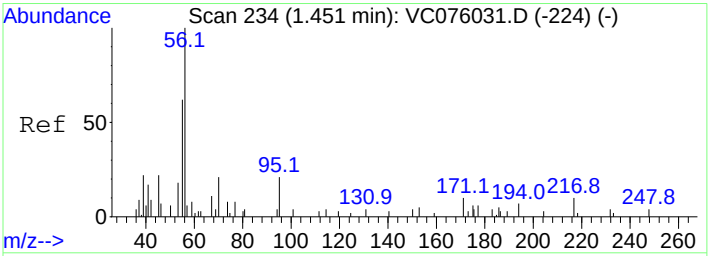


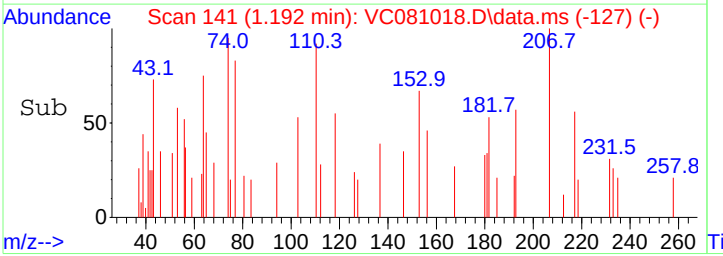
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC081018.D
Acq: 21 Mar 2012 6:28 pm

Tgt Ion: 94 Resp: 1348

Ion	Ratio	Lower	Upper
94	100		
96	102.3	76.6	114.8



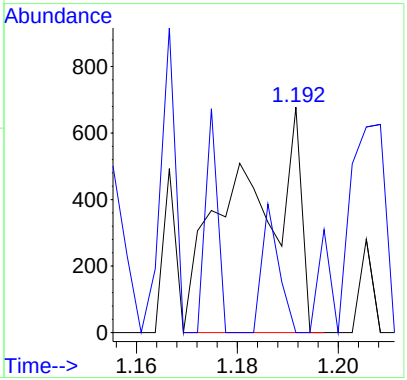


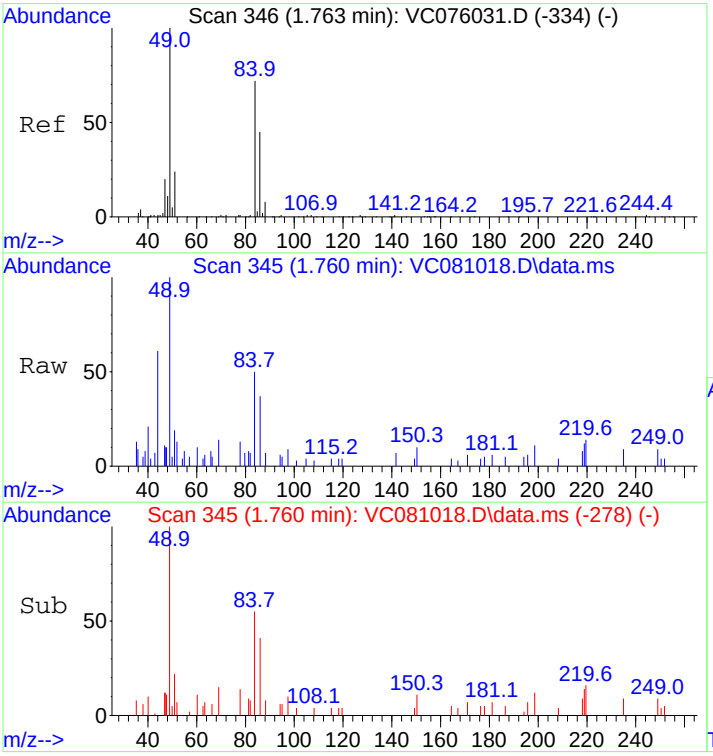


#13
ACROLEIN
Concen: Below Cal
RT: 1.192 min Scan# 141
Delta R.T. -0.261 min
Lab File: VC081018.D
Acq: 21 Mar 2012 6:28 pm

Tgt Ion: 56 Resp: 541

Ion	Ratio	Lower	Upper
56	100		
55	107.0	0.5	0.7#

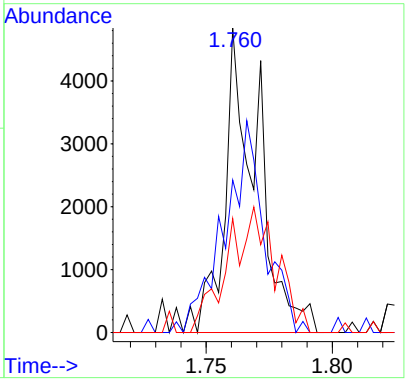


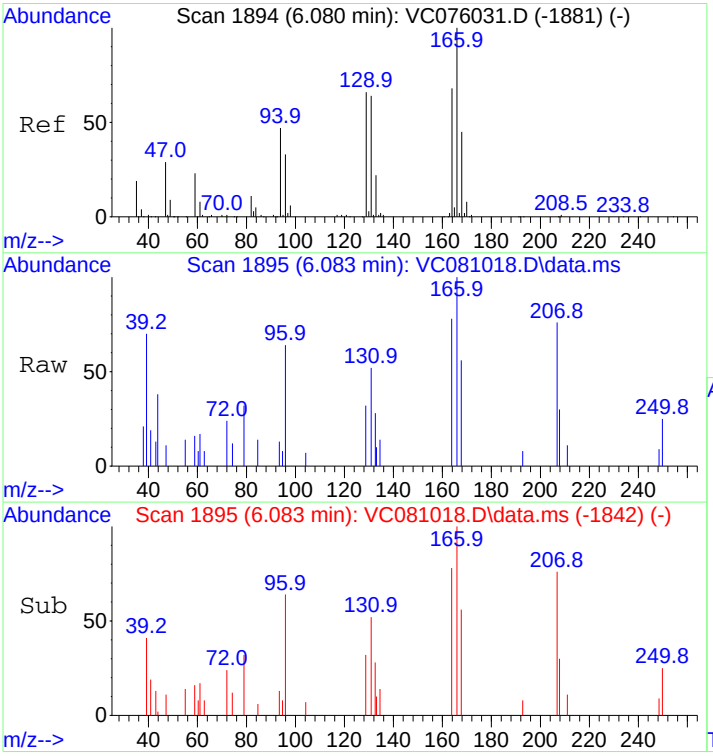


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L
RT: 1.760 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC081018.D
Acq: 21 Mar 2012 6:28 pm

Tgt Ion: 49 Resp: 4441

Ion	Ratio	Lower	Upper
49	100		
84	83.3	62.8	94.2
86	59.3	40.5	60.7

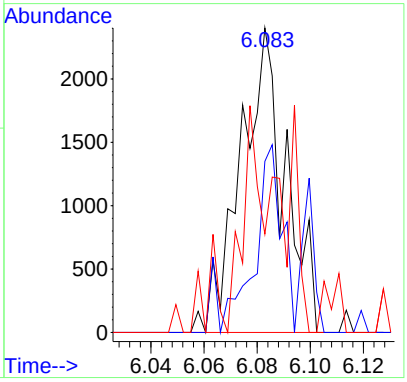




#66
TETRACHLOROETHENE
Concen: 0.29 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC081018.D
Acq: 21 Mar 2012 6:28 pm

Tgt Ion:166 Resp: 2791

Ion	Ratio	Lower	Upper
166	100		
168	34.1	38.2	57.2#
129	30.3	59.8	89.6#



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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH3-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-10	File ID:	VC081019.D
Sampled:	03/15/12 14:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH3-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-10	File ID:	VC081019.D
Sampled:	03/15/12 14:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH3-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-10	File ID:	VC081019.D
Sampled:	03/15/12 14:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH3-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-10	File ID:	VC081019.D
Sampled:	03/15/12 14:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 18:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081019.D
Acq On : 21 Mar 2012 6:58 pm
Operator :
Sample : 12C0539-10 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

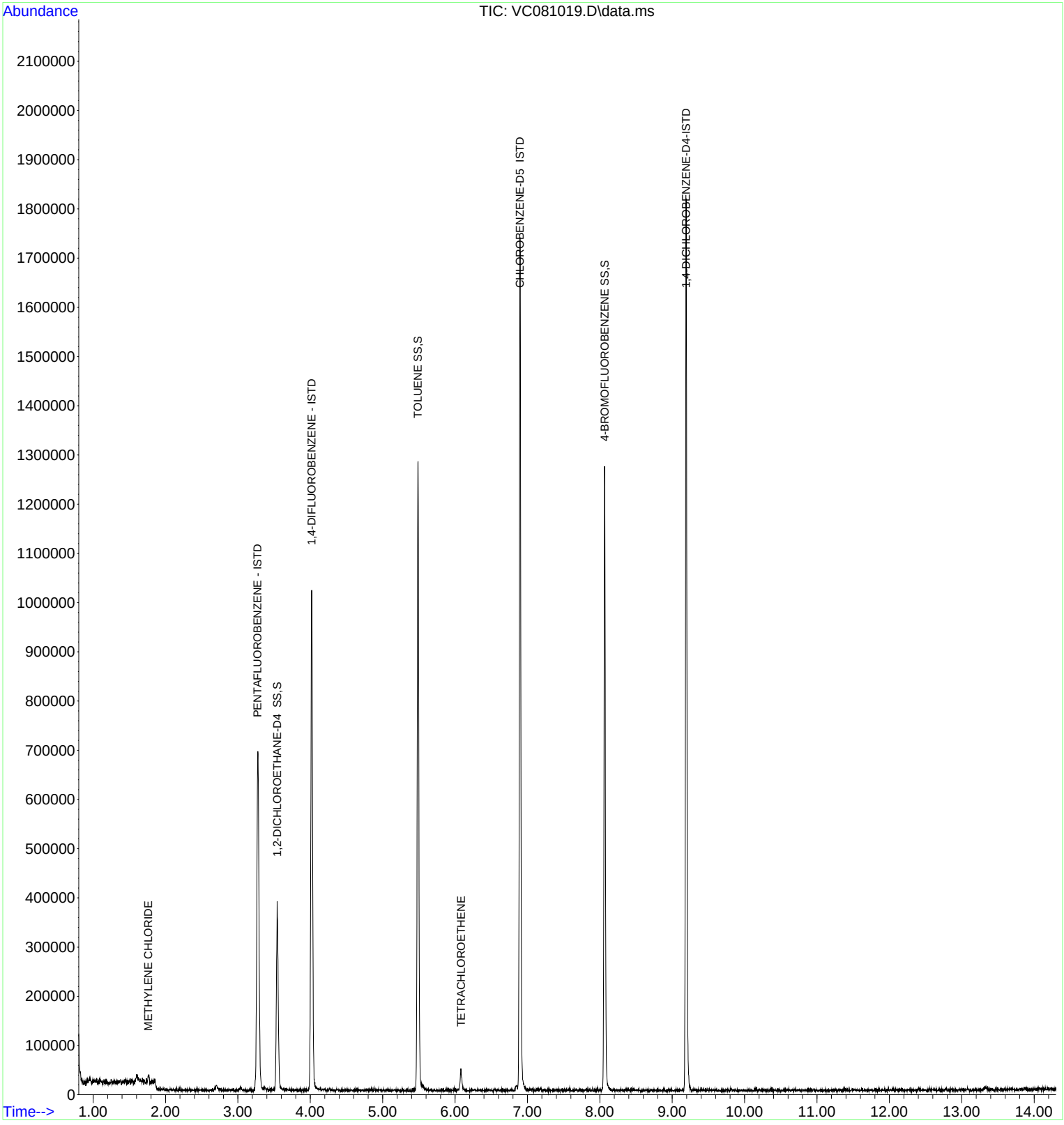
Quant Time: Mar 22 12:19:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

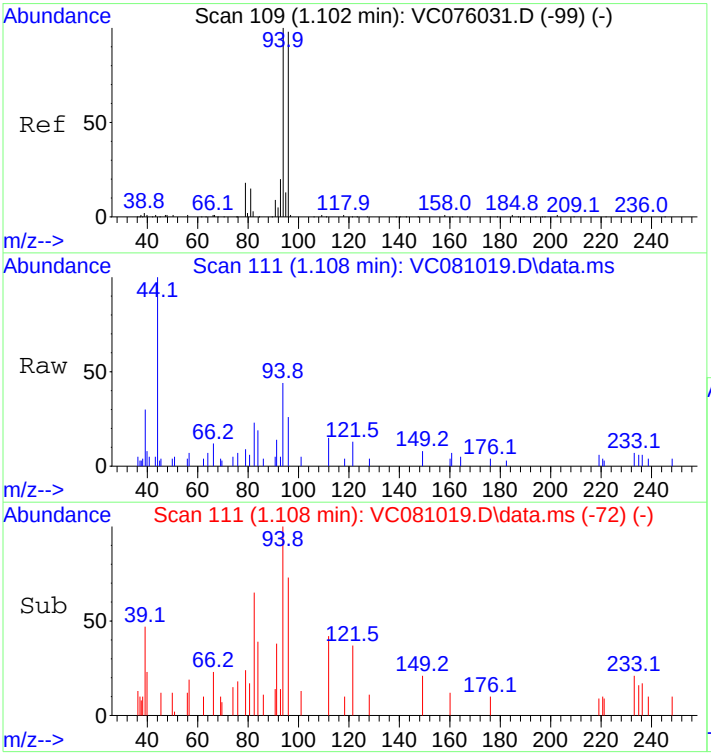
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.272	168	466126	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	696425	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	439819	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	362740	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	281135	23.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.80%				
49) TOLUENE SS	5.486	98	690206	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	328351	24.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.108	94	1379	Below Cal		#	68
23) METHYLENE CHLORIDE	1.763	49	6102	0.48	UG/L	#	73
66) TETRACHLOROETHENE	6.083	166	7828	0.81	UG/L	#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081019.D
Acq On : 21 Mar 2012 6:58 pm
Operator :
Sample : 12C0539-10 Inst : GCMSVOA3
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 22 12:19:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

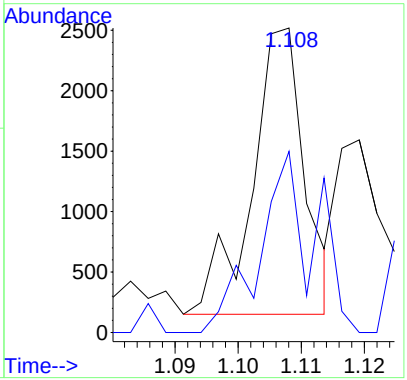


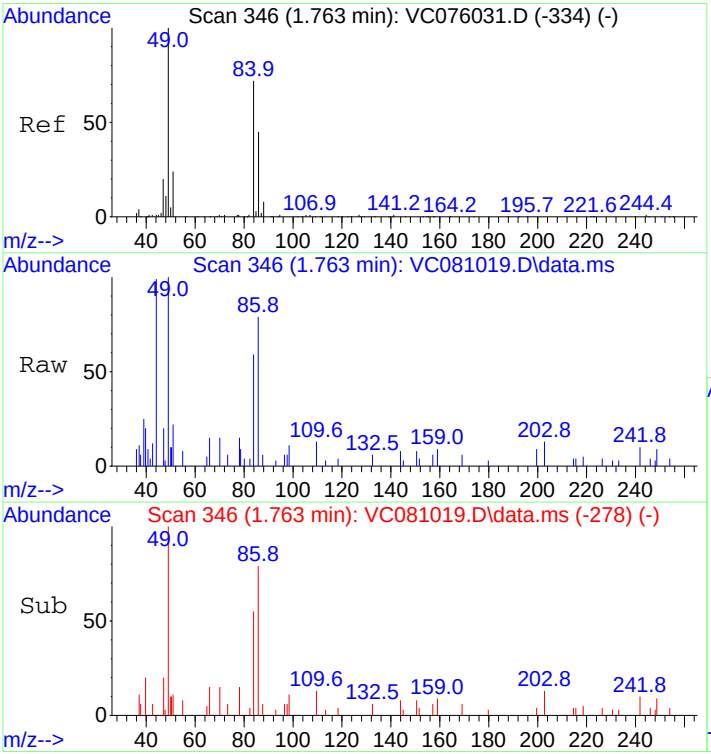


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC081019.D
Acq: 21 Mar 2012 6:58 pm

Tgt Ion: 94 Resp: 1379

Ion	Ratio	Lower	Upper
94	100		
96	64.9	76.6	114.8#

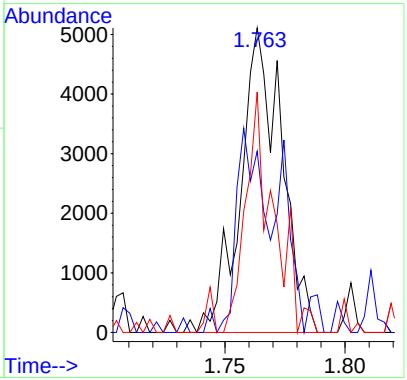


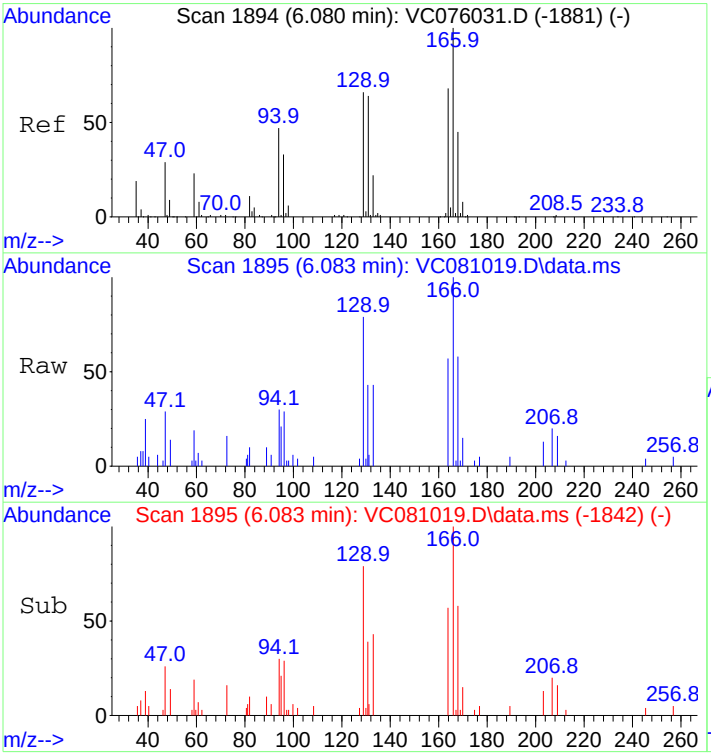


#23
METHYLENE CHLORIDE
Concen: 0.48 UG/L
RT: 1.763 min Scan# 346
Delta R.T. 0.000 min
Lab File: VC081019.D
Acq: 21 Mar 2012 6:58 pm

Tgt Ion: 49 Resp: 6102

Ion	Ratio	Lower	Upper
49	100		
84	42.6	62.8	94.2#
86	53.4	40.5	60.7

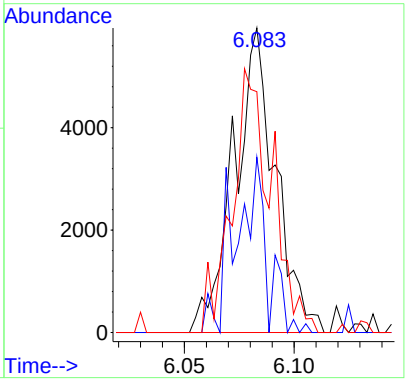




#66
TETRACHLOROETHENE
Concen: 0.81 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC081019.D
Acq: 21 Mar 2012 6:58 pm

Tgt Ion:166 Resp: 7828

Ion	Ratio	Lower	Upper
166	100		
168	28.5	38.2	57.2#
129	82.4	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-11	File ID:	VC081020.D
Sampled:	03/15/12 15:25	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-11	File ID:	VC081020.D
Sampled:	03/15/12 15:25	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-11	File ID:	VC081020.D
Sampled:	03/15/12 15:25	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.1	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH0-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-11	File ID:	VC081020.D
Sampled:	03/15/12 15:25	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
				Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

150

Data Path : X:\1\DATA\032112\
Data File : VC081020.D
Acq On : 21 Mar 2012 7:28 pm
Operator :
Sample : 12C0539-11 Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

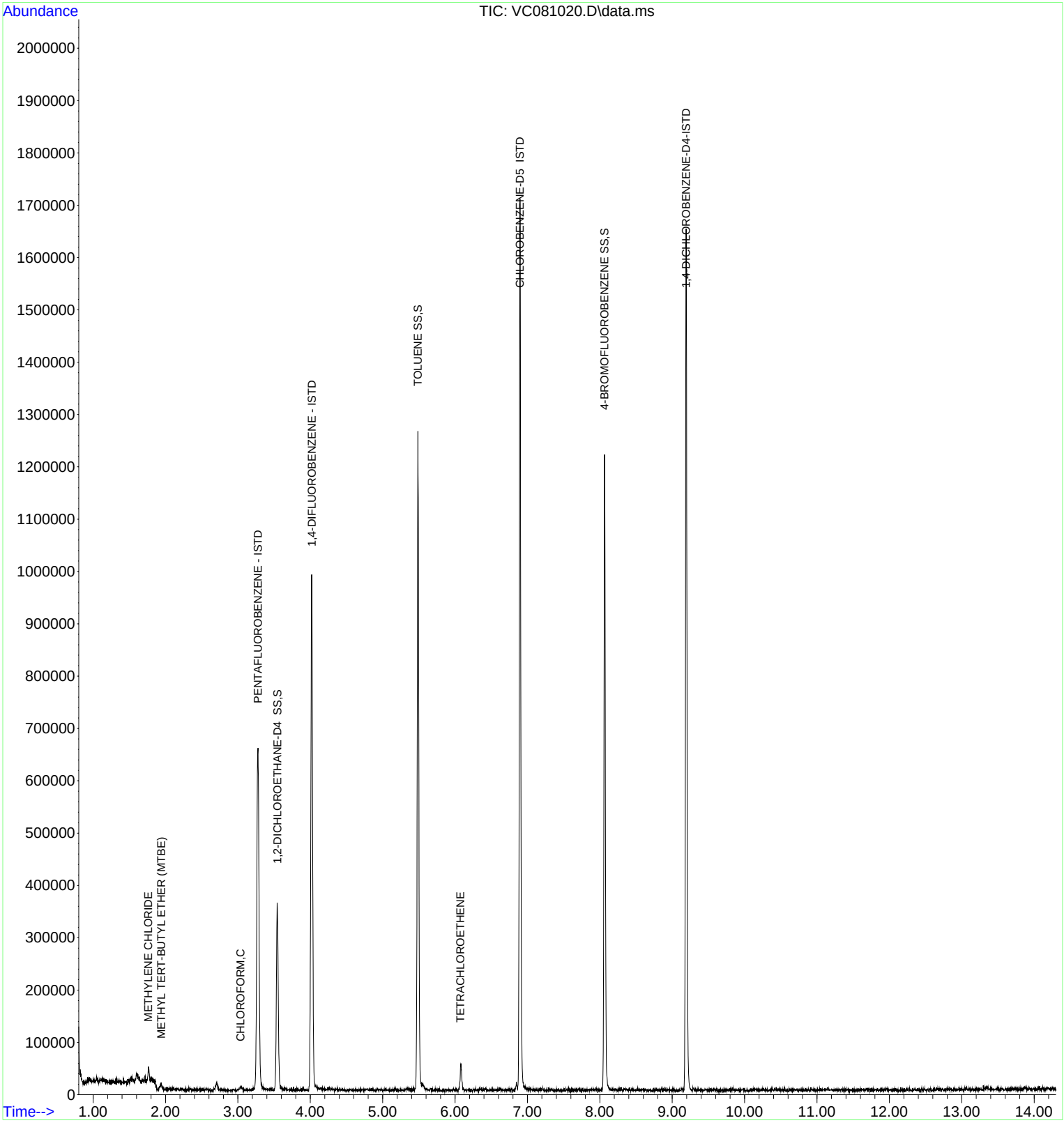
Quant Time: Mar 22 12:20:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

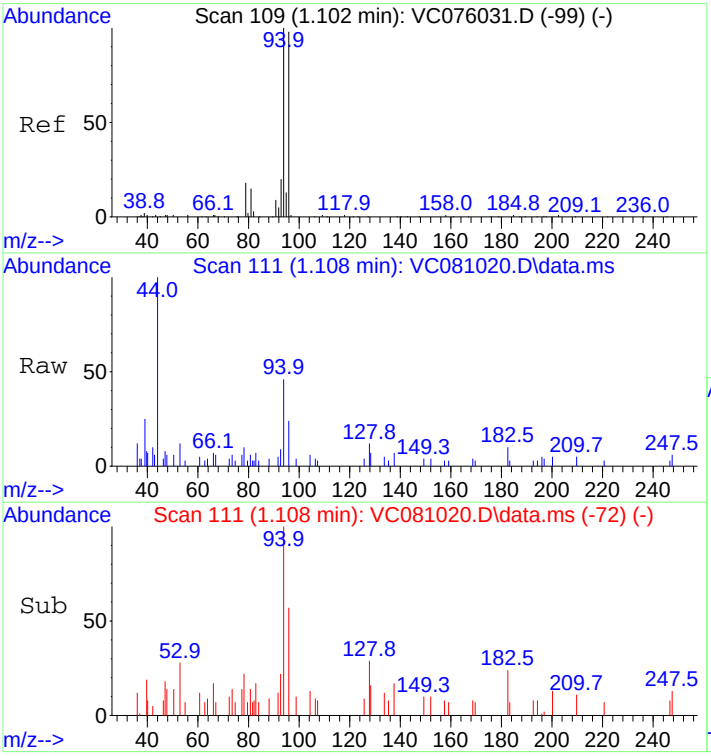
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	448001	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	676617	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	409125	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	347381	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	275445	23.91	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.64%			
49) TOLUENE SS	5.486	98	660843	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	314812	25.49	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.96%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	750	Below Cal	#	1
23) METHYLENE CHLORIDE	1.763	49	8845	0.73	UG/L #	91
25) METHYL TERT-BUTYL ETHE...	1.942	73	7067	0.33	UG/L	99
40) CHLOROFORM	3.035	83	3971m	0.23	UG/L	
66) TETRACHLOROETHENE	6.074	166	10019m	1.07	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081020.D
Acq On : 21 Mar 2012 7:28 pm
Operator :
Sample : 12C0539-11 Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 22 12:20:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

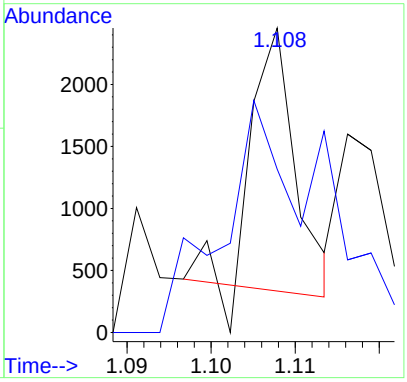


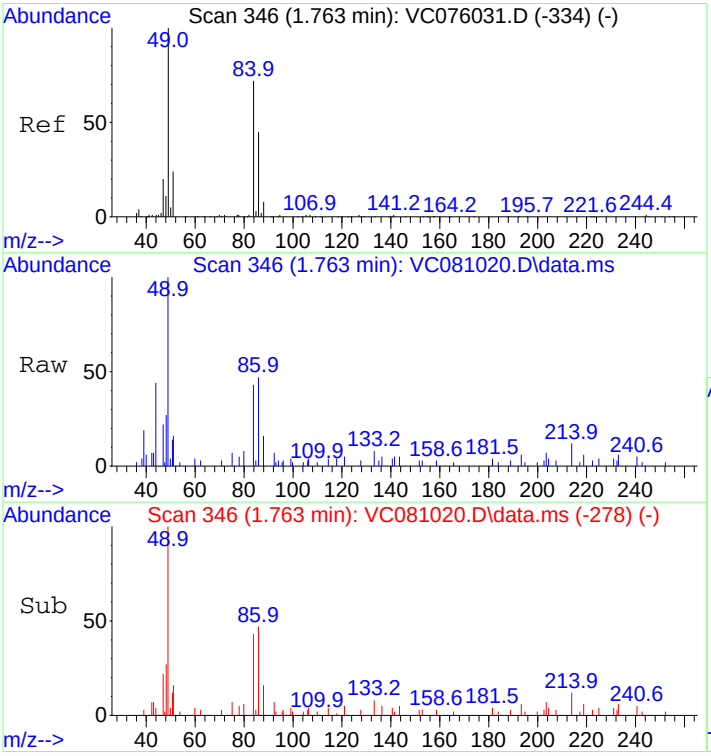


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC081020.D
Acq: 21 Mar 2012 7:28 pm

Tgt Ion: 94 Resp: 750

Ion	Ratio	Lower	Upper
94	100		
96	205.6	76.6	114.8#

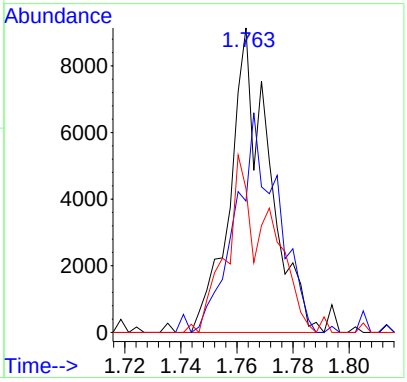


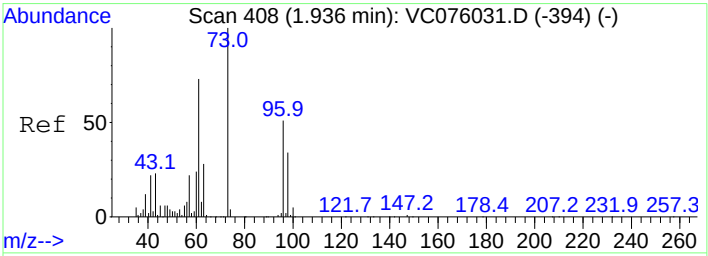


#23
METHYLENE CHLORIDE
Concen: 0.73 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.000 min
Lab File: VC081020.D
Acq: 21 Mar 2012 7:28 pm

Tgt Ion: 49 Resp: 8845

Ion	Ratio	Lower	Upper
49	100		
84	77.5	62.8	94.2
86	36.0	40.5	60.7#

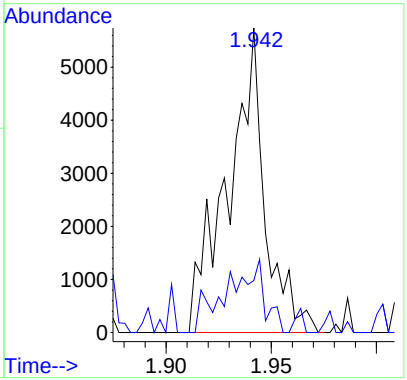


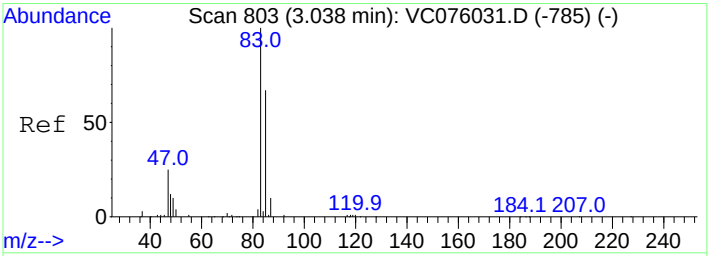


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.33 UG/L
RT: 1.942 min Scan# 410
Delta R.T. 0.008 min
Lab File: VC081020.D
Acq: 21 Mar 2012 7:28 pm

Tgt Ion: 73 Resp: 7067

Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.7	25.1

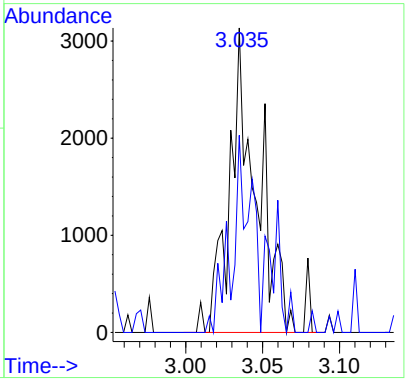


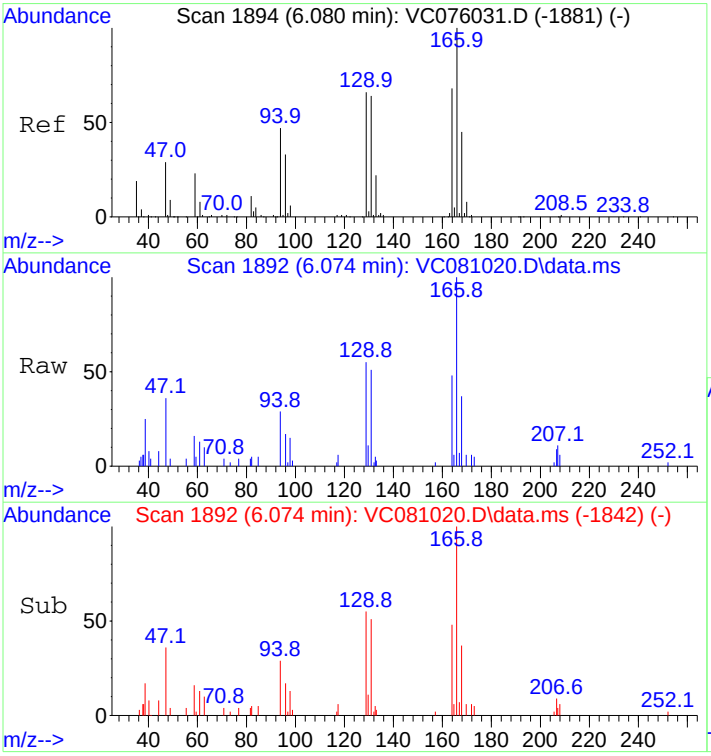


#40
CHLOROFORM
Concen: 0.23 UG/L m
RT: 3.035 min Scan# 802
Delta R.T. -0.000 min
Lab File: VC081020.D
Acq: 21 Mar 2012 7:28 pm

Tgt Ion: 83 Resp: 3971

Ion	Ratio	Lower	Upper
83	100		
85	43.9	51.8	77.6#

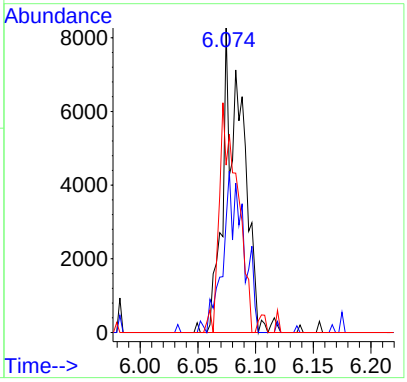




#66
TETRACHLOROETHENE
Concen: 1.07 UG/L m
RT: 6.074 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VC081020.D
Acq: 21 Mar 2012 7:28 pm

Tgt Ion:166 Resp: 10019

Ion	Ratio	Lower	Upper
166	100		
168	27.0	38.2	57.2#
129	0.0	59.8	89.6#



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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-12	File ID:	VC081021.D
Sampled:	03/15/12 15:47	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-12	File ID:	VC081021.D
Sampled:	03/15/12 15:47	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-12	File ID:	VC081021.D
Sampled:	03/15/12 15:47	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-6-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-12	File ID:	VC081021.D
Sampled:	03/15/12 15:47	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081021.D
Acq On : 21 Mar 2012 7:58 pm
Operator :
Sample : 12C0539-12 Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

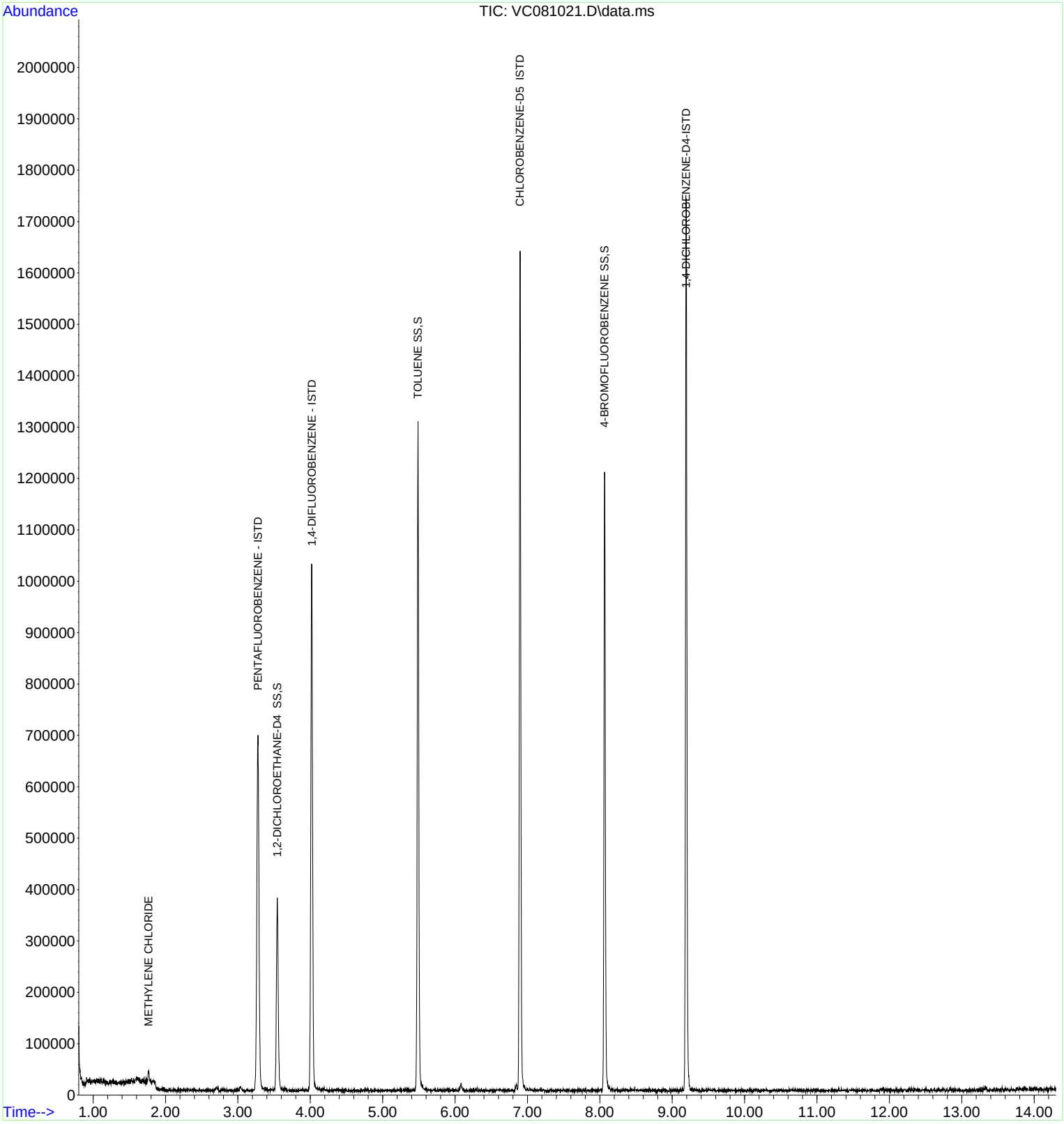
Quant Time: Mar 22 12:20:52 2012
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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

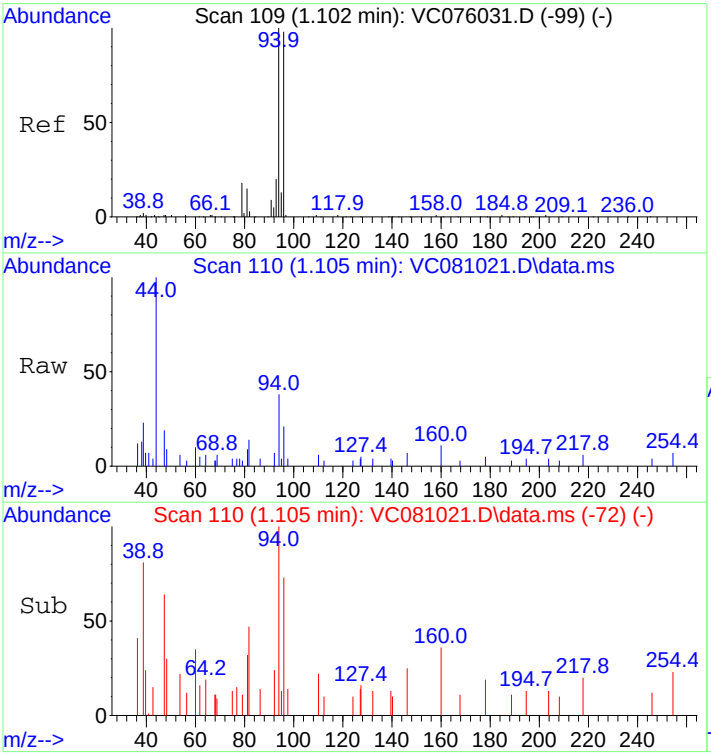
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	462508	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	702271	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	430107	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	362214	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	277630	23.34	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%			
49) TOLUENE SS	5.486	98	675237	24.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	325352	25.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.105	94	1353	Below Cal	#	75
23) METHYLENE CHLORIDE	1.766	49	7039	0.56	UG/L #	74

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081021.D
Acq On : 21 Mar 2012 7:58 pm
Operator :
Sample : 12C0539-12 Inst : GCMSVOA3
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 22 12:20:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

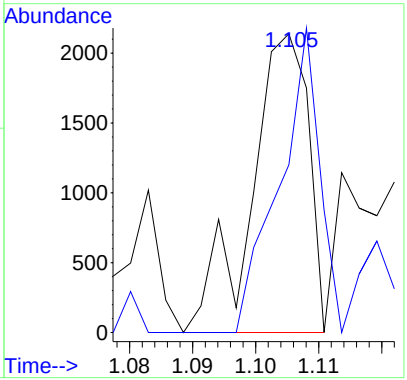


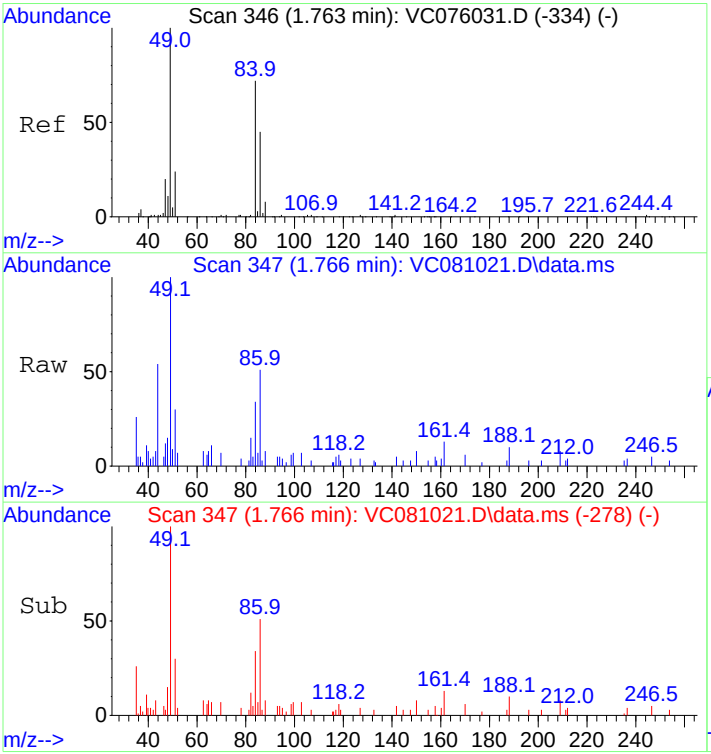


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC081021.D
Acq: 21 Mar 2012 7:58 pm

Tgt Ion: 94 Resp: 1353

Ion	Ratio	Lower	Upper
94	100		
96	71.4	76.6	114.8#

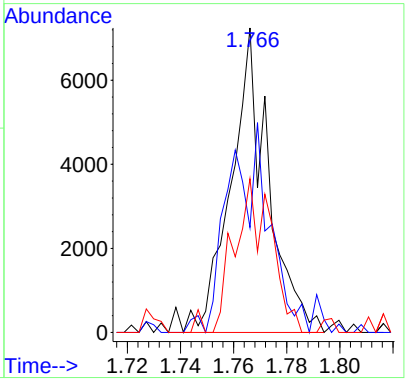




#23
METHYLENE CHLORIDE
Concen: 0.56 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081021.D
Acq: 21 Mar 2012 7:58 pm

Tgt Ion: 49 Resp: 7039

Ion	Ratio	Lower	Upper
49	100		
84	42.7	62.8	94.2#
86	49.5	40.5	60.7



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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-13	File ID:	VC081022.D
Sampled:	03/15/12 16:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-13	File ID:	VC081022.D
Sampled:	03/15/12 16:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-13	File ID:	VC081022.D
Sampled:	03/15/12 16:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	14	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-13	File ID:	VC081022.D
Sampled:	03/15/12 16:49	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032112\
Data File : VC081022.D
Acq On : 21 Mar 2012 8:28 pm
Operator :
Sample : 12C0539-13 Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

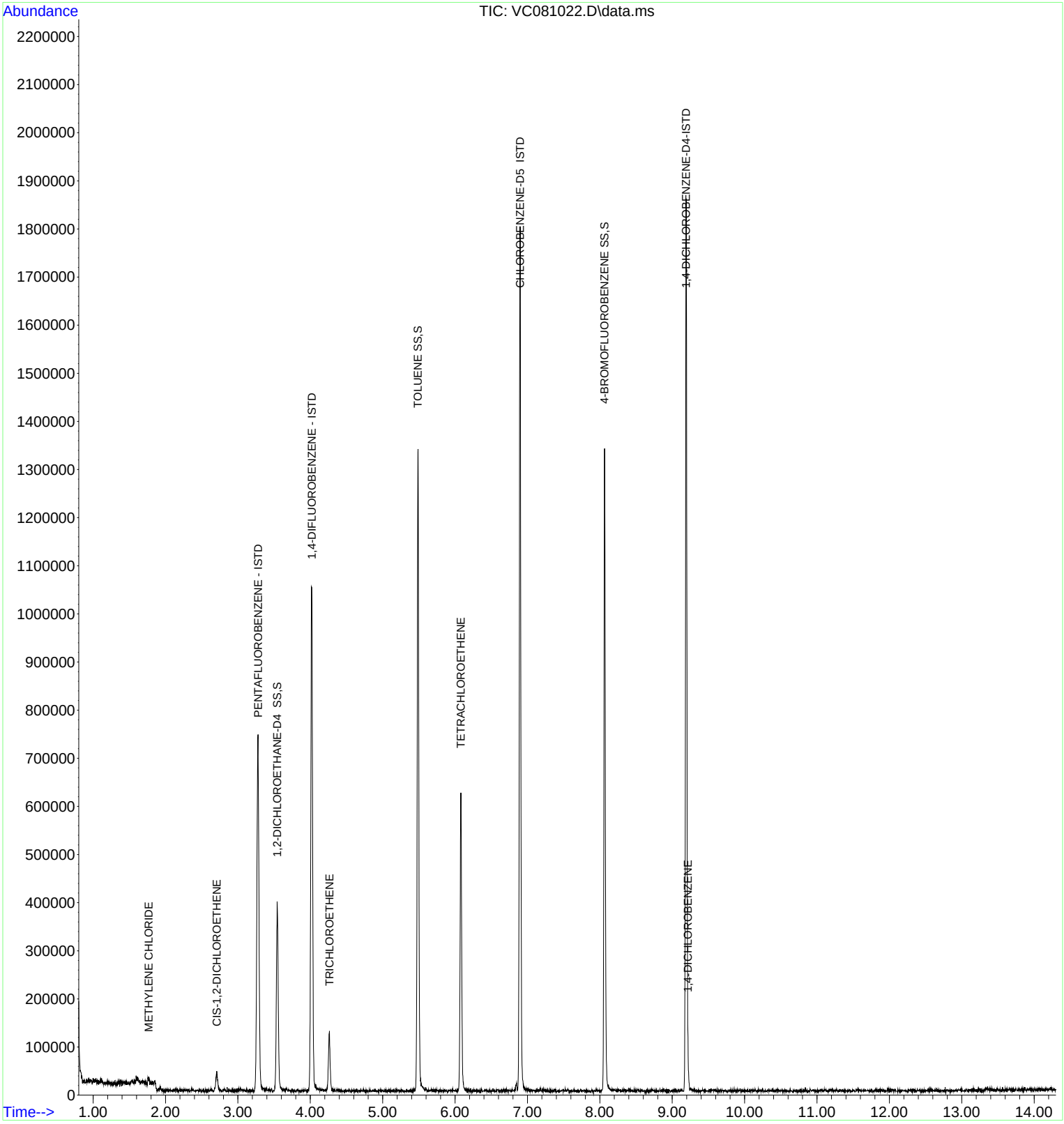
Quant Time: Mar 22 12:21:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

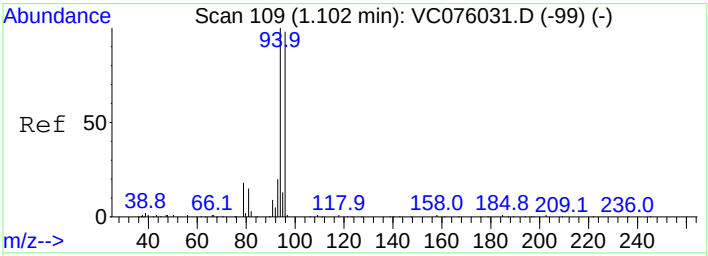
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.280	168	489143	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	731414	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	448463	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	371557	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	295175	23.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.84%			
49) TOLUENE SS	5.486	98	724123	25.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	342141	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.105	94	983	Below Cal		91
23) METHYLENE CHLORIDE	1.769	49	4243m	0.32	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.709	61	13176	0.67	UG/L #	79
51) TRICHLOROETHENE	4.265	95	33584	3.13	UG/L	96
66) TETRACHLOROETHENE	6.080	166	144572	14.24	UG/L	96
95) 1,4-DICHLOROBENZENE	9.217	146	3925m	0.19	UG/L	

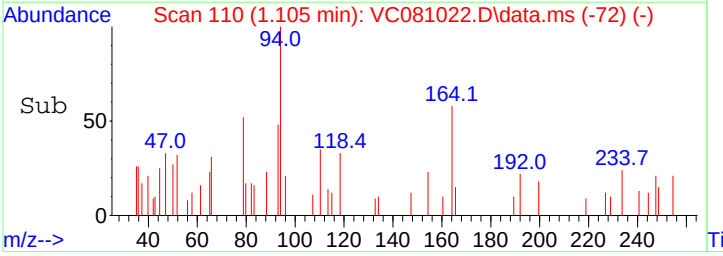
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081022.D
Acq On : 21 Mar 2012 8:28 pm
Operator :
Sample : 12C0539-13 Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 22 12:21:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



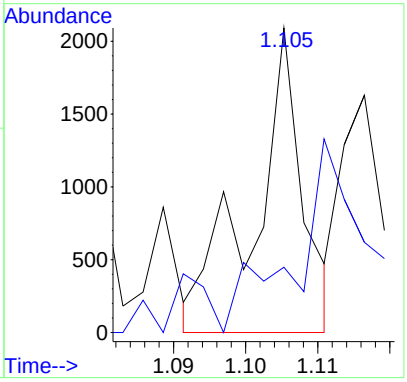


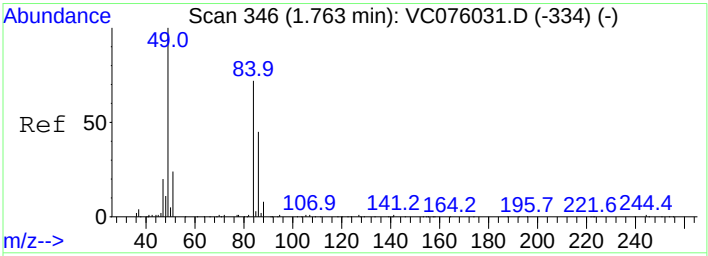


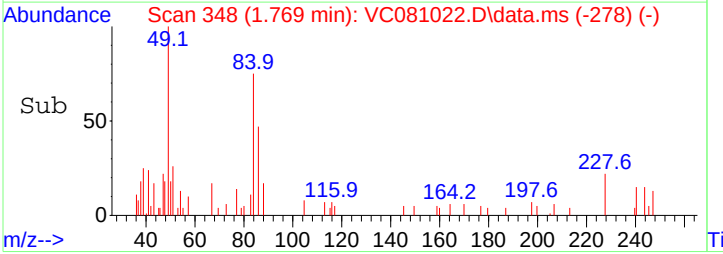
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion: 94 Resp: 983

Ion	Ratio	Lower	Upper
94	100		
96	104.6	76.6	114.8



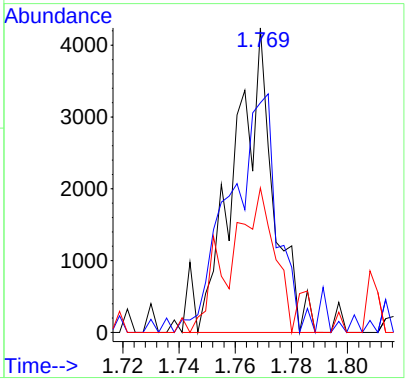


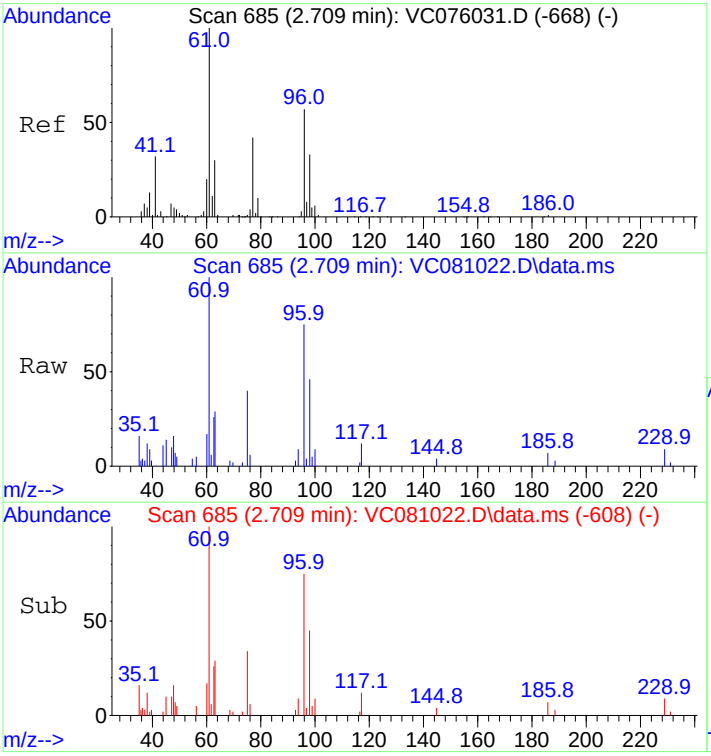


#23
METHYLENE CHLORIDE
Concen: 0.32 UG/L m
RT: 1.769 min Scan# 348
Delta R.T. 0.006 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion: 49 Resp: 4243

Ion	Ratio	Lower	Upper
49	100		
84	92.4	62.8	94.2
86	52.4	40.5	60.7

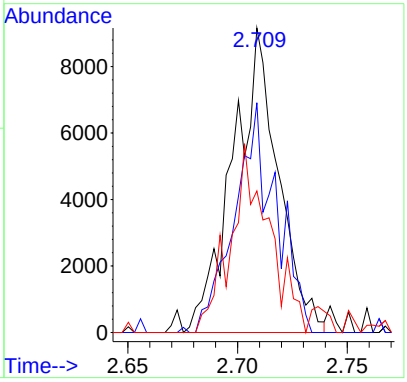


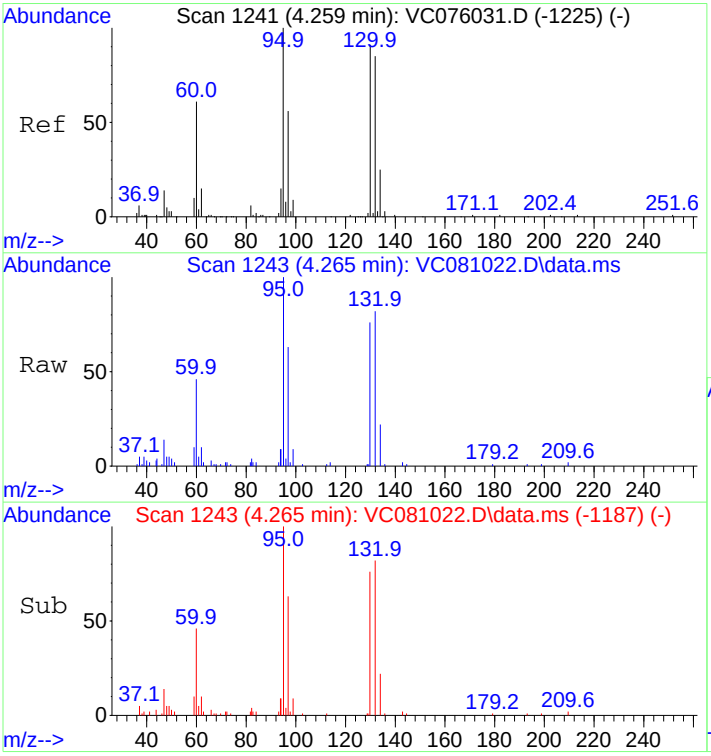


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.67 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.000 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion: 61 Resp: 13176

Ion	Ratio	Lower	Upper
61	100		
96	68.9	44.7	67.1#
98	52.5	29.4	44.2#

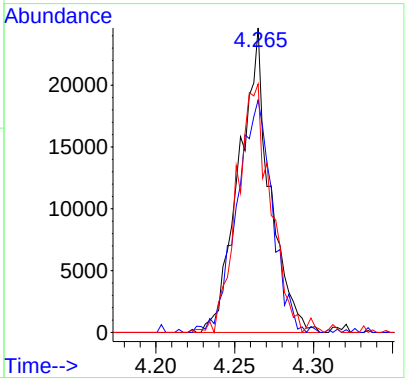


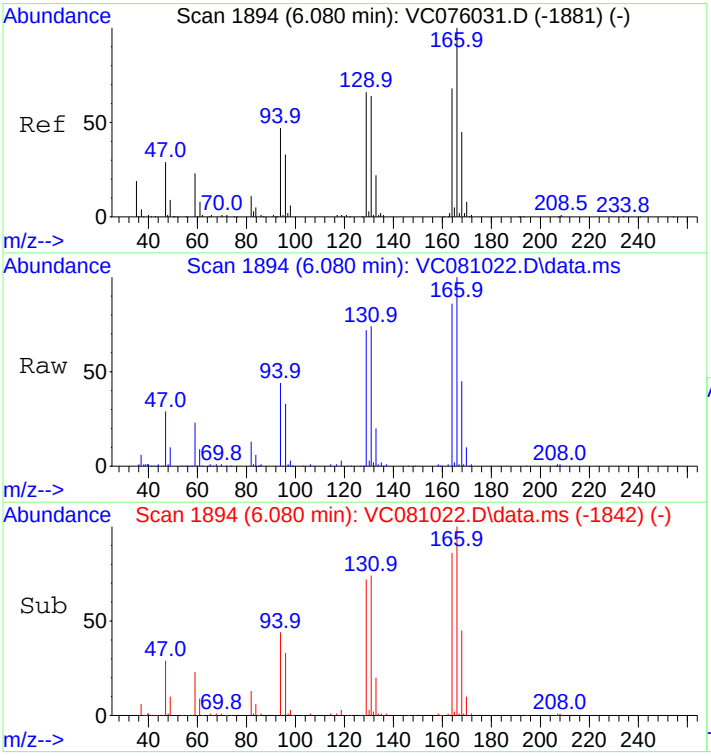


#51
TRICHLOROETHENE
Concen: 3.13 UG/L
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion: 95 Resp: 33584

Ion	Ratio	Lower	Upper
95	100		
130	87.6	74.8	112.2
132	89.0	72.4	108.6

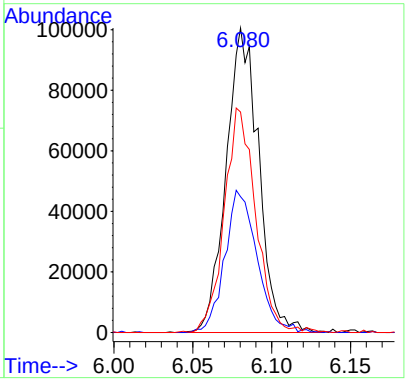


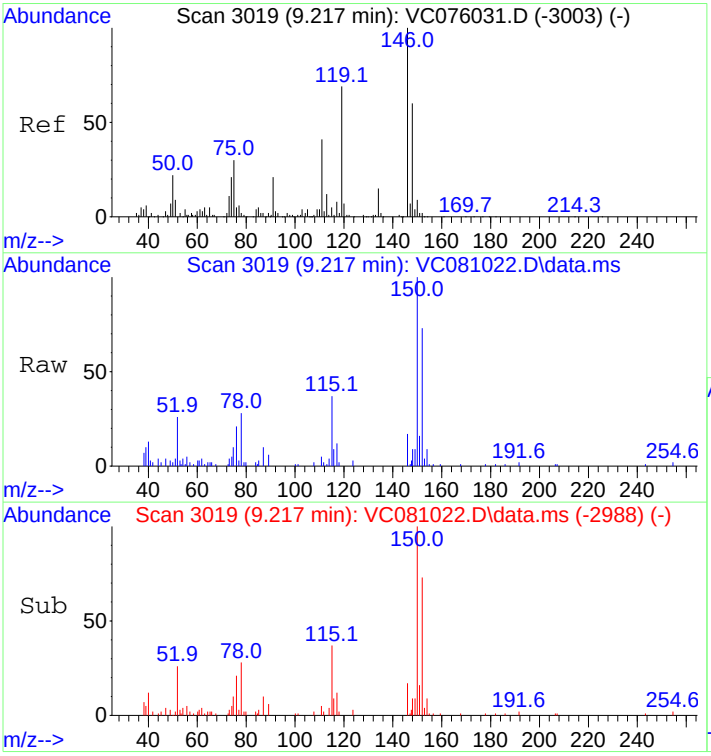


#66
TETRACHLOROETHENE
Concen: 14.24 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion:166 Resp: 144572

Ion	Ratio	Lower	Upper
166	100		
168	46.2	38.2	57.2
129	70.2	59.8	89.6

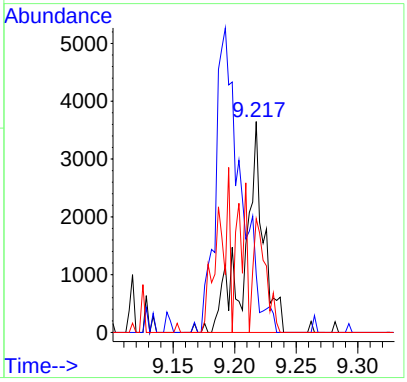




#95
1,4-DICHLOROBENZENE
Concen: 0.19 UG/L m
RT: 9.217 min Scan# 3019
Delta R.T. 0.000 min
Lab File: VC081022.D
Acq: 21 Mar 2012 8:28 pm

Tgt Ion:146 Resp: 3925

Ion	Ratio	Lower	Upper
146	100		
111	0.0	34.1	51.1#
148	35.7	51.2	76.8#



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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH01-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-14	File ID:	VC081023.D
Sampled:	03/15/12 17:33	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH01-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-14	File ID:	VC081023.D
Sampled:	03/15/12 17:33	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	1.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	4.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH01-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-14	File ID:	VC081023.D
Sampled:	03/15/12 17:33	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	38	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	6.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-9-CH01-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-14	File ID:	VC081023.D
Sampled:	03/15/12 17:33	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 20:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081023.D
Acq On : 21 Mar 2012 8:58 pm
Operator :
Sample : 12C0539-14 Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

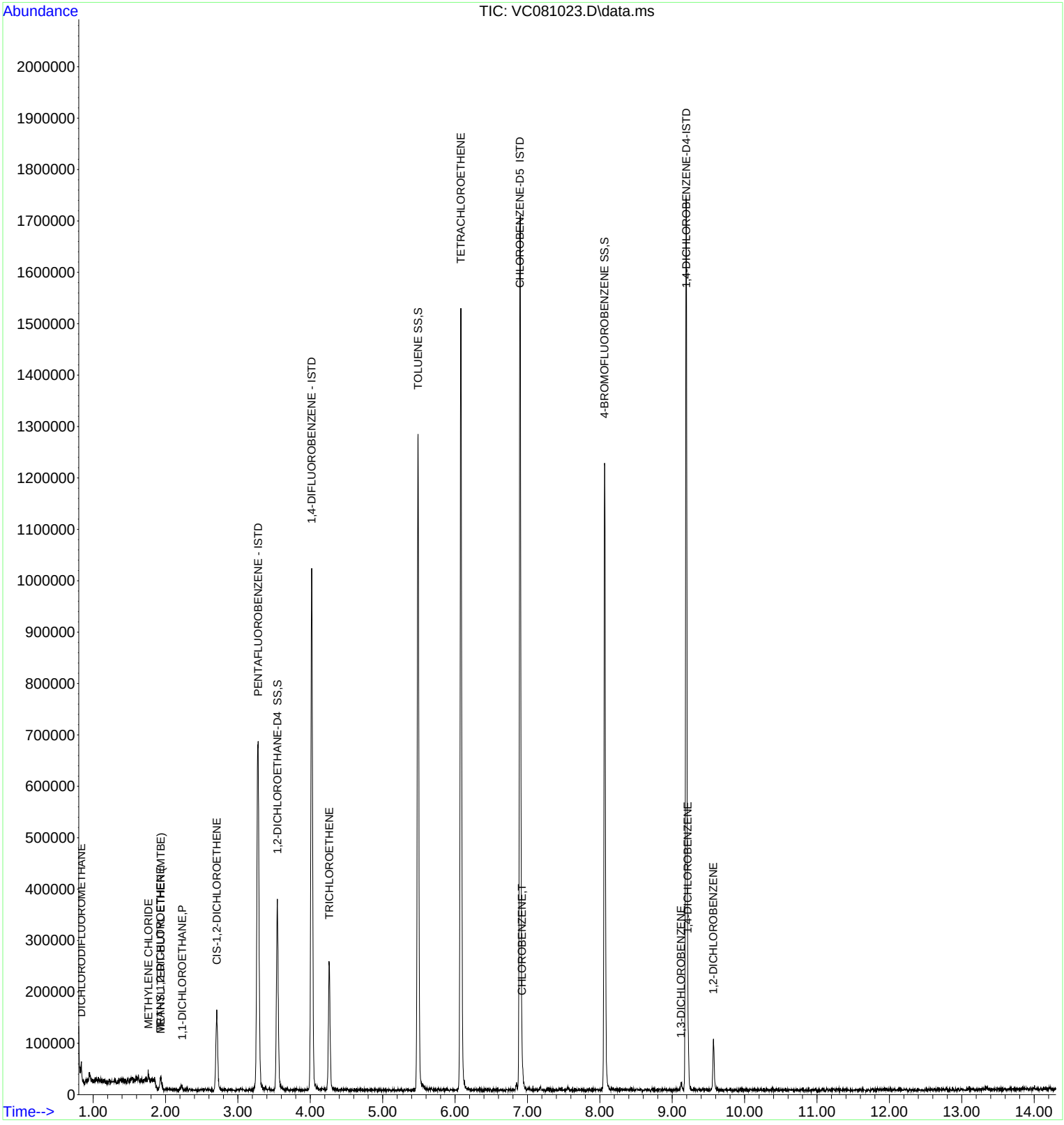
Quant Time: Mar 22 12:23:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

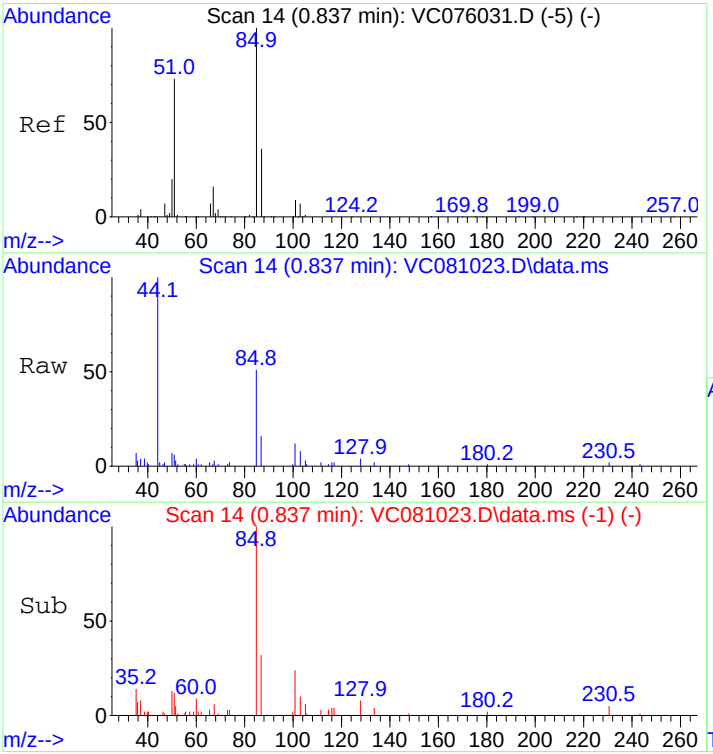
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.280	168	465211	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	688350	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	430465	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	369364	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	271867	22.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.88%			
49) TOLUENE SS	5.489	98	683374	25.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	322621	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	9099	0.76	UG/L #	86
7) BROMOMETHANE	1.105	94	1682	Below Cal	#	41
23) METHYLENE CHLORIDE	1.766	49	4129	0.33	UG/L #	75
25) METHYL TERT-BUTYL ETHE...	1.936	73	13646m	0.62	UG/L	
26) TRANS 1,2-DICHLOROETHENE	1.928	61	2110	0.14	UG/L #	70
27) 1,1-DICHLOROETHANE	2.229	63	5631	0.32	UG/L #	83
33) CIS-1,2-DICHLOROETHENE	2.709	61	78609	4.22	UG/L #	88
51) TRICHLOROETHENE	4.262	95	69666	6.90	UG/L	95
66) TETRACHLOROETHENE	6.080	166	359475	37.64	UG/L	98
72) CHLOROBENZENE	6.925	112	13908m	0.54	UG/L	
93) 1,3-DICHLOROBENZENE	9.120	146	3793	0.21	UG/L #	86
95) 1,4-DICHLOROBENZENE	9.214	146	23559	1.13	UG/L #	86
97) 1,2-DICHLOROBENZENE	9.569	146	26933	1.49	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081023.D
Acq On : 21 Mar 2012 8:58 pm
Operator :
Sample : 12C0539-14 Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 22 12:23:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

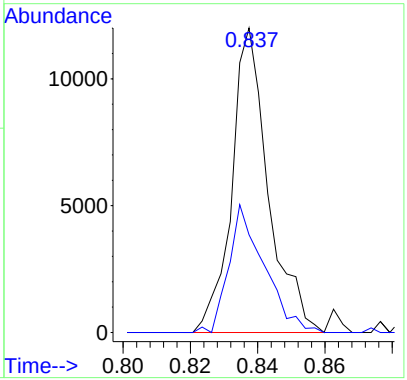


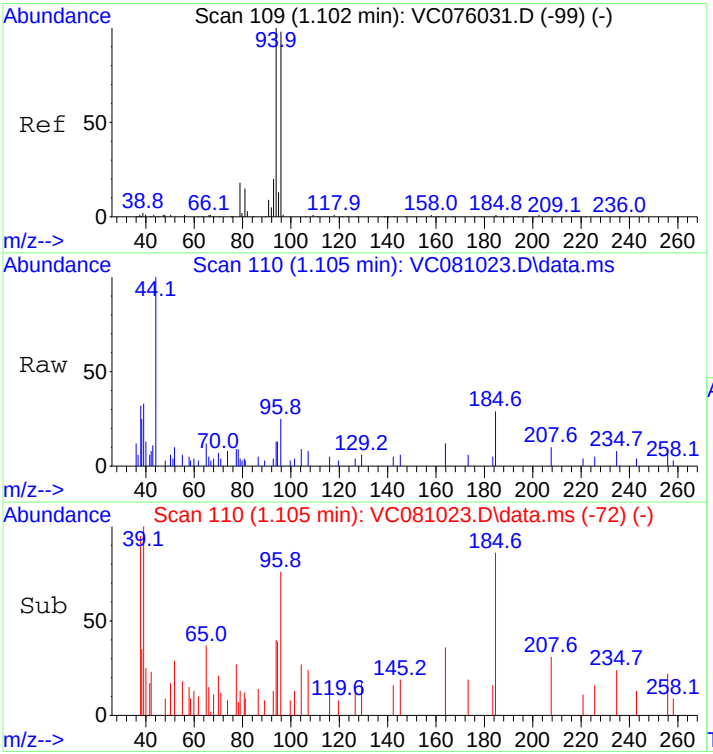


#3
DICHLORODIFLUOROMETHANE
Concen: 0.76 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 85 Resp: 9099

Ion	Ratio	Lower	Upper
85	100		
87	40.5	26.0	39.0#

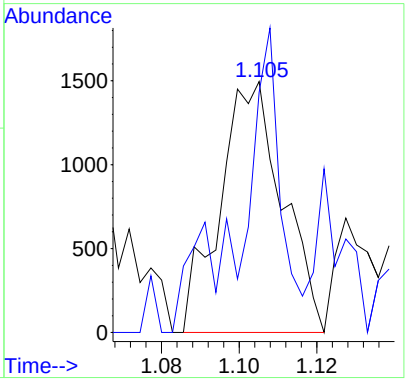


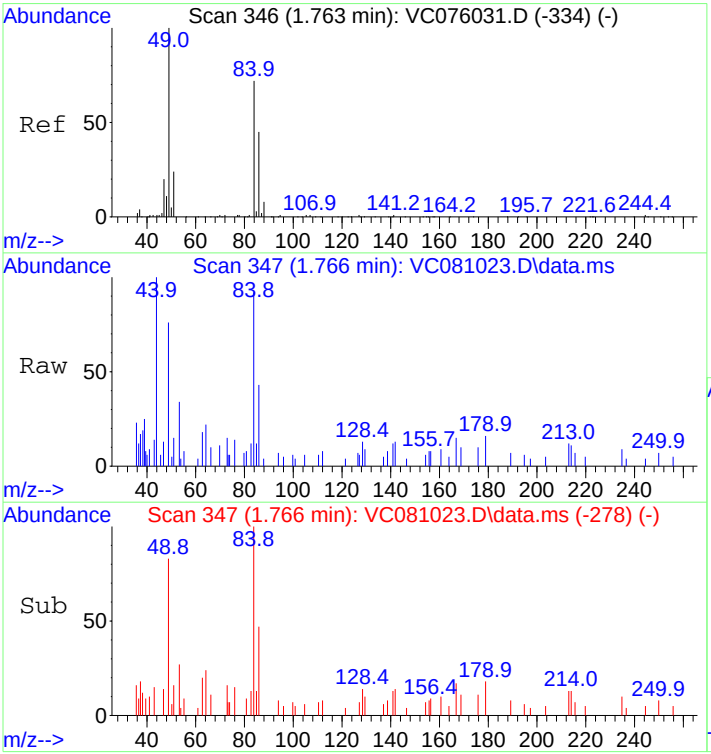


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 94 Resp: 1682

Ion	Ratio	Lower	Upper
94	100		
96	38.2	76.6	114.8#

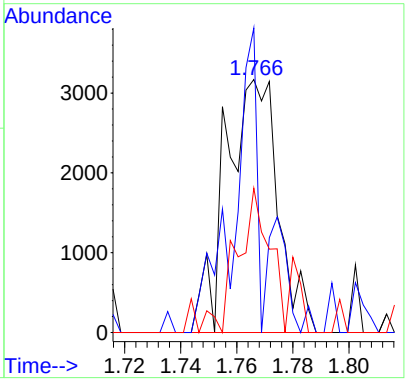


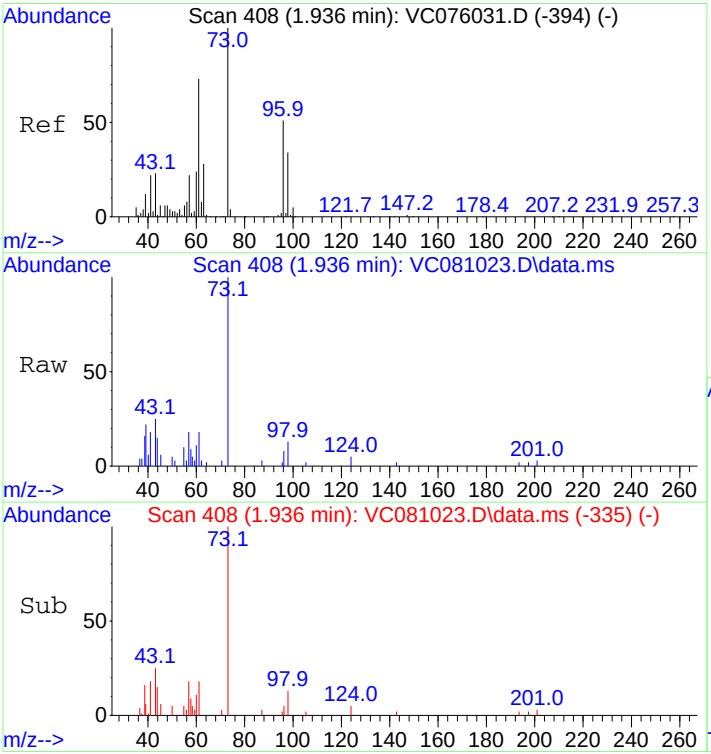


#23
METHYLENE CHLORIDE
Concen: 0.33 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 49 Resp: 4129

Ion	Ratio	Lower	Upper
49	100		
84	57.1	62.8	94.2#
86	33.5	40.5	60.7#

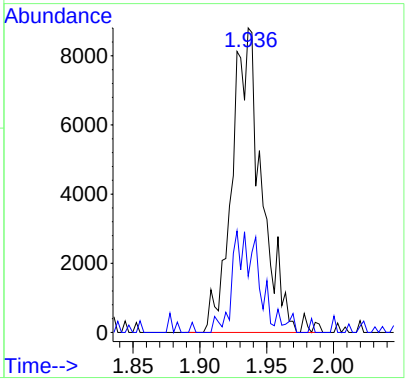


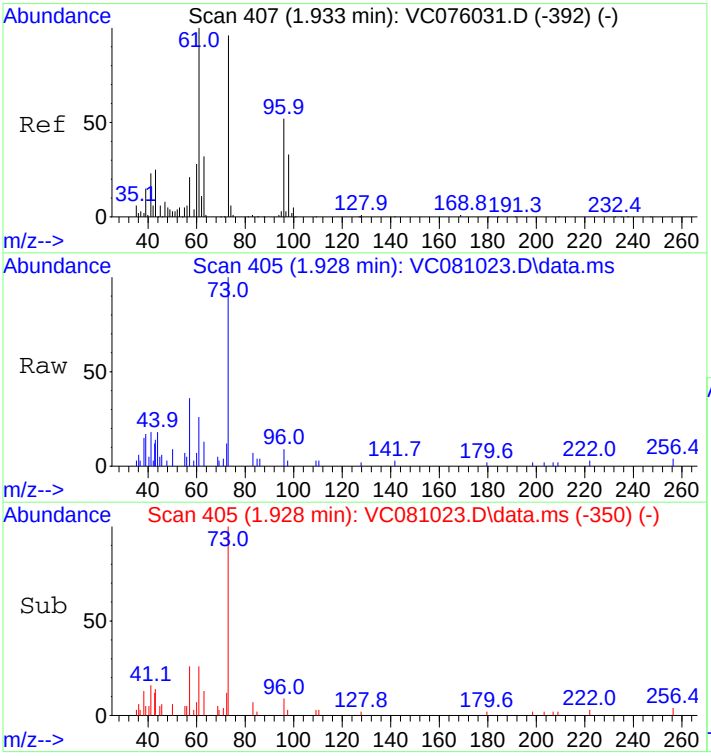


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.62 UG/L m
RT: 1.936 min Scan# 408
Delta R.T. 0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 73 Resp: 13646

Ion	Ratio	Lower	Upper
73	100		
57	13.9	16.7	25.1#

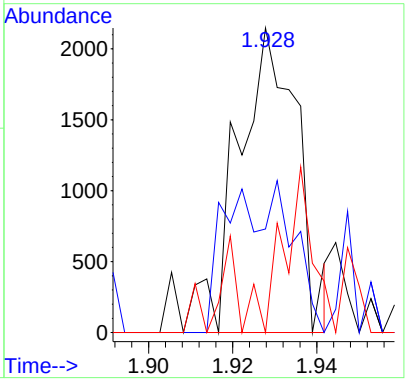


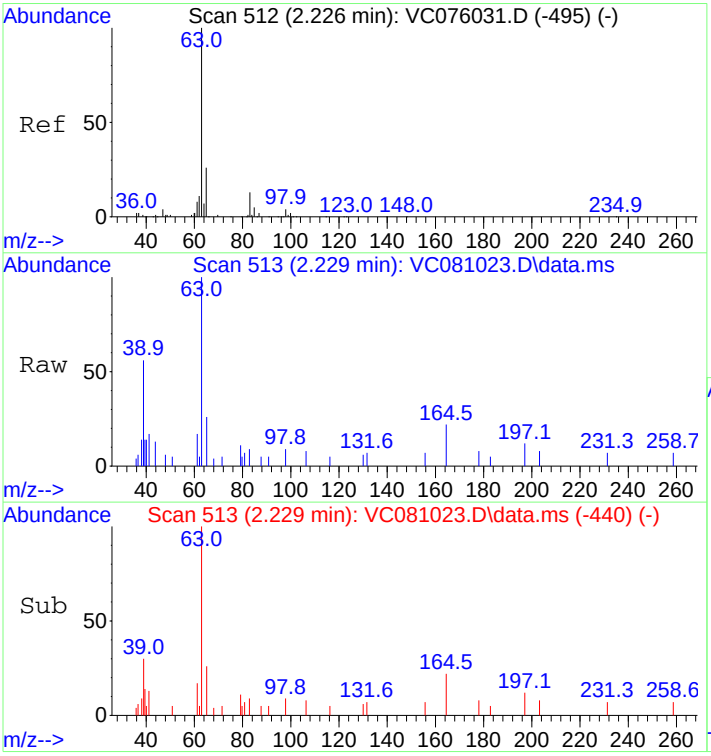


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.14 UG/L
RT: 1.928 min Scan# 405
Delta R.T. -0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 61 Resp: 2110

Ion	Ratio	Lower	Upper
61	100		
96	32.8	48.2	72.2#
98	25.5	30.6	46.0#

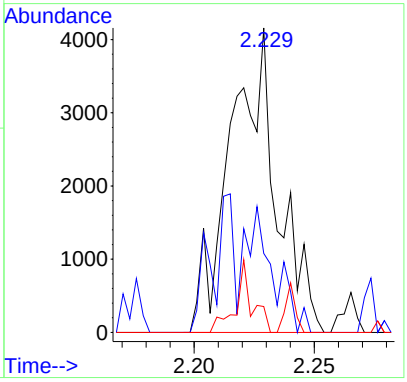


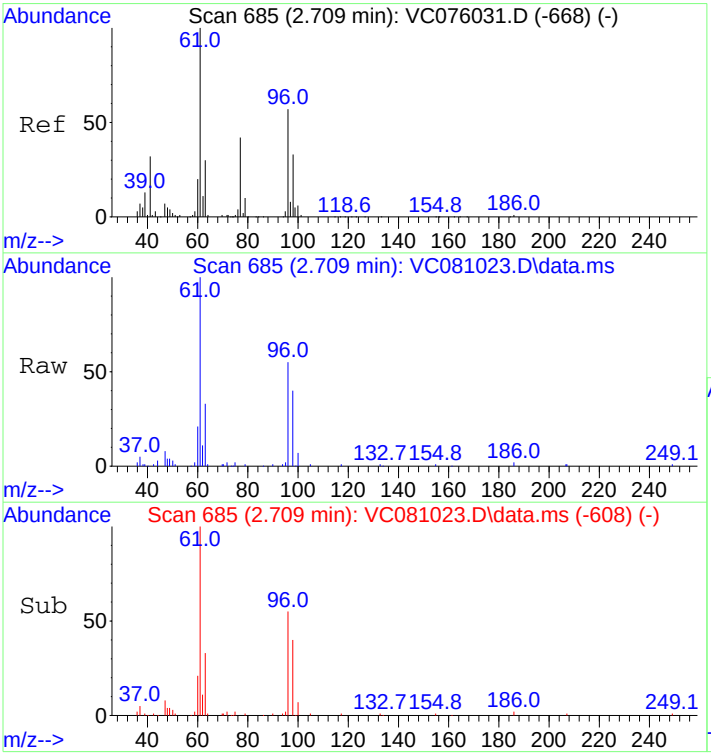


#27
1,1-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 2.229 min Scan# 513
Delta R.T. 0.008 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 63 Resp: 5631

Ion	Ratio	Lower	Upper
63	100		
65	25.0	24.9	37.3
83	0.0	10.2	15.4#

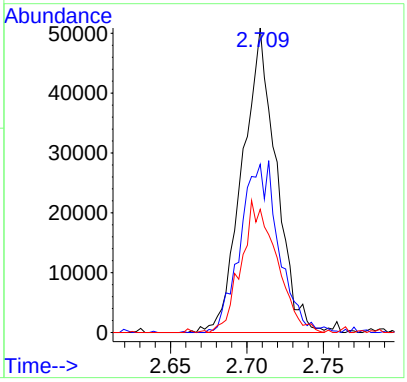


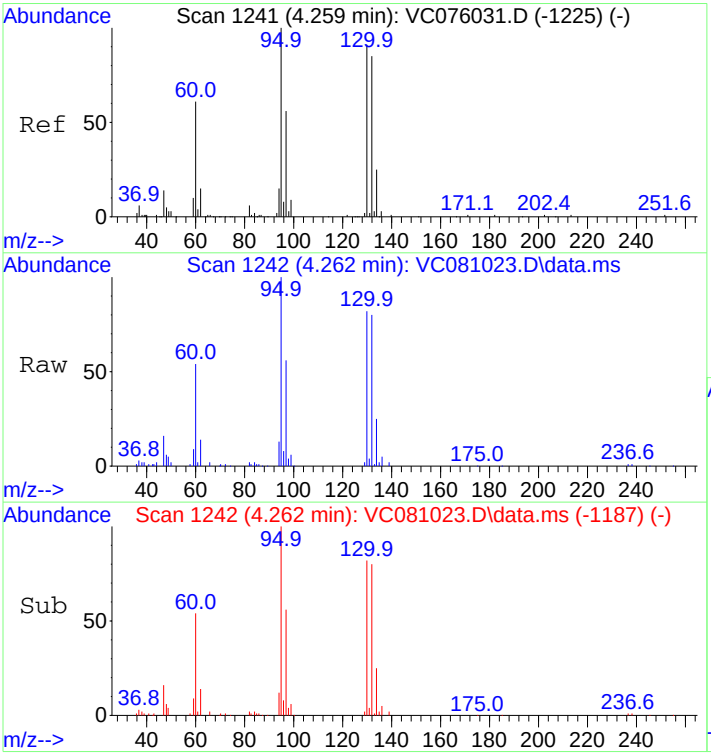


#33
CIS-1,2-DICHLOROETHENE
Concen: 4.22 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.000 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 61 Resp: 78609

Ion	Ratio	Lower	Upper
61	100		
96	63.2	44.7	67.1
98	45.2	29.4	44.2#

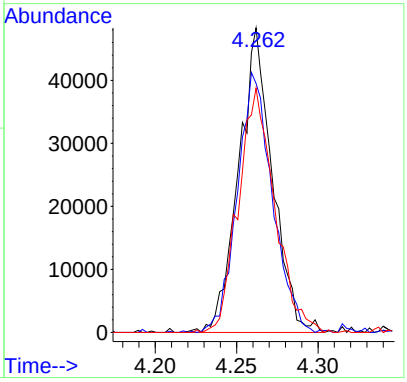


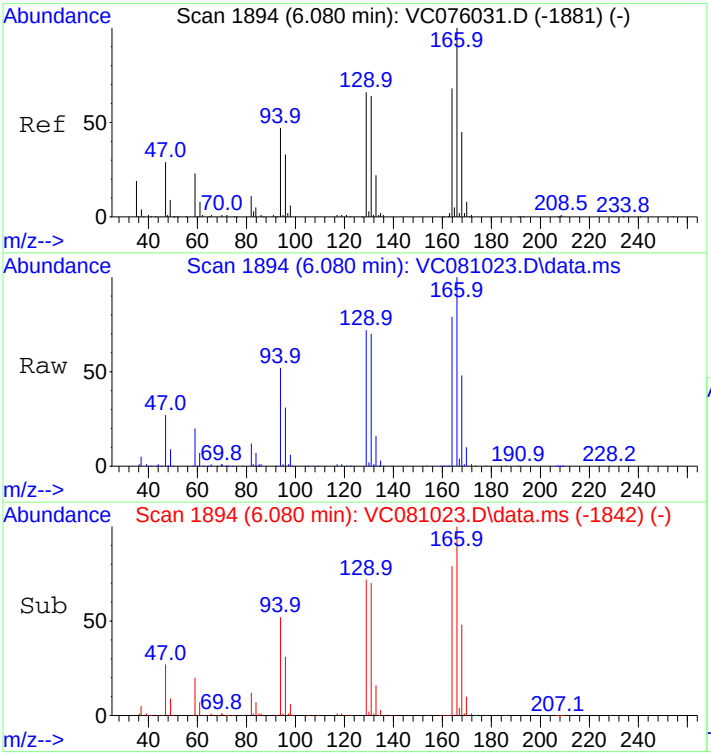


#51
TRICHLOROETHENE
Concen: 6.90 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion: 95 Resp: 69666

Ion	Ratio	Lower	Upper
95	100		
130	88.5	74.8	112.2
132	86.3	72.4	108.6

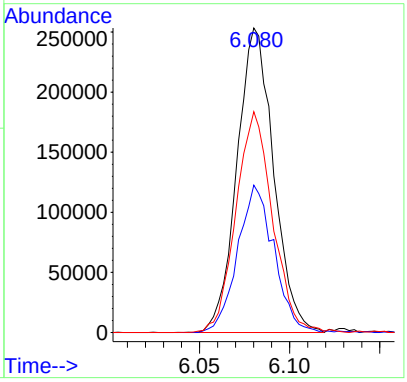


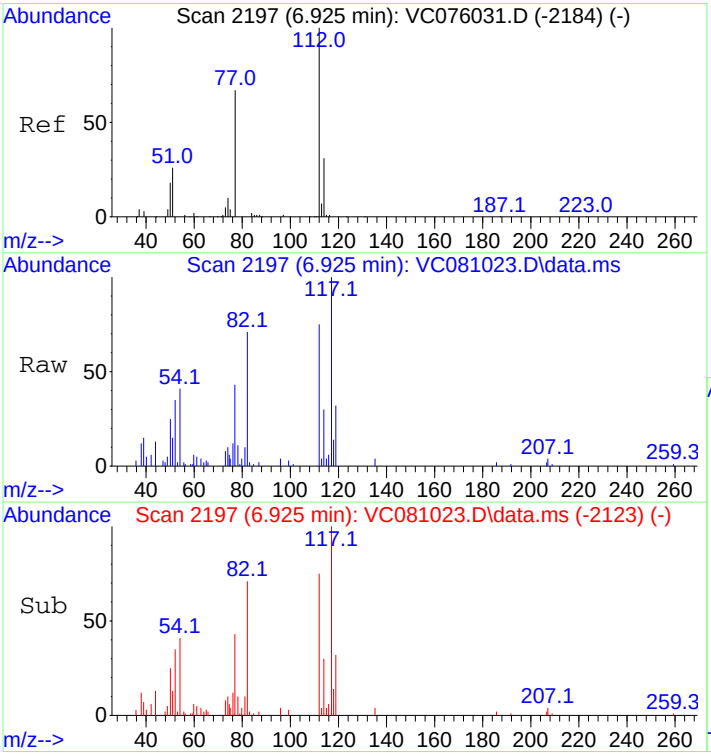


#66
TETRACHLOROETHENE
Concen: 37.64 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion:166 Resp: 359475

Ion	Ratio	Lower	Upper
166	100		
168	48.0	38.2	57.2
129	72.5	59.8	89.6

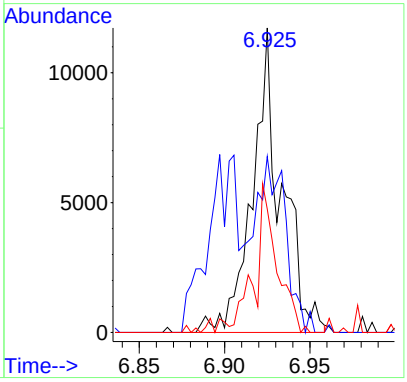


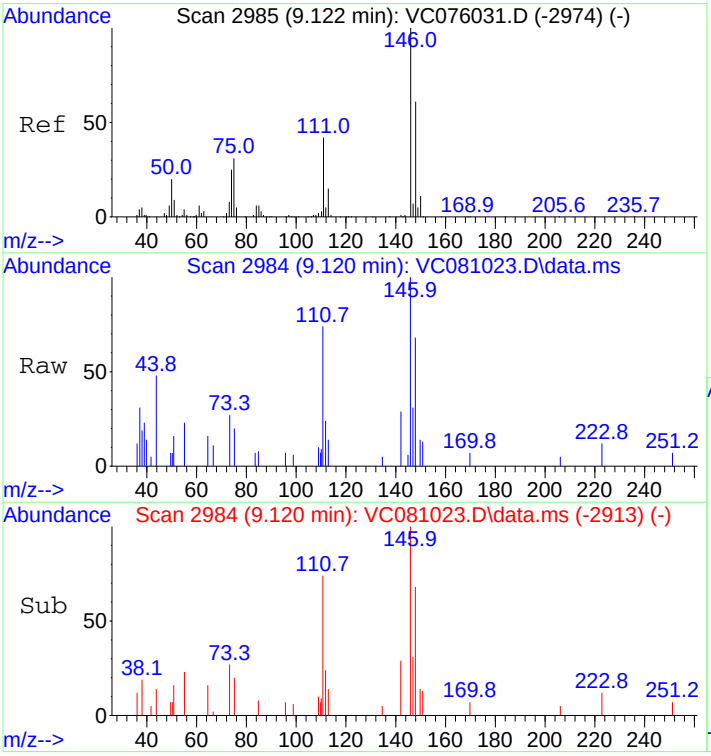


#72
CHLOROBENZENE
Concen: 0.54 UG/L m
RT: 6.925 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion:112 Resp: 13908

Ion	Ratio	Lower	Upper
112	100		
77	61.2	50.5	75.7
114	37.7	26.0	39.0

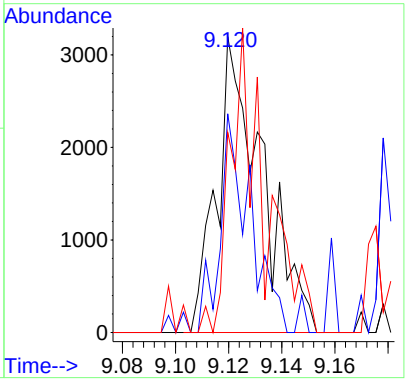


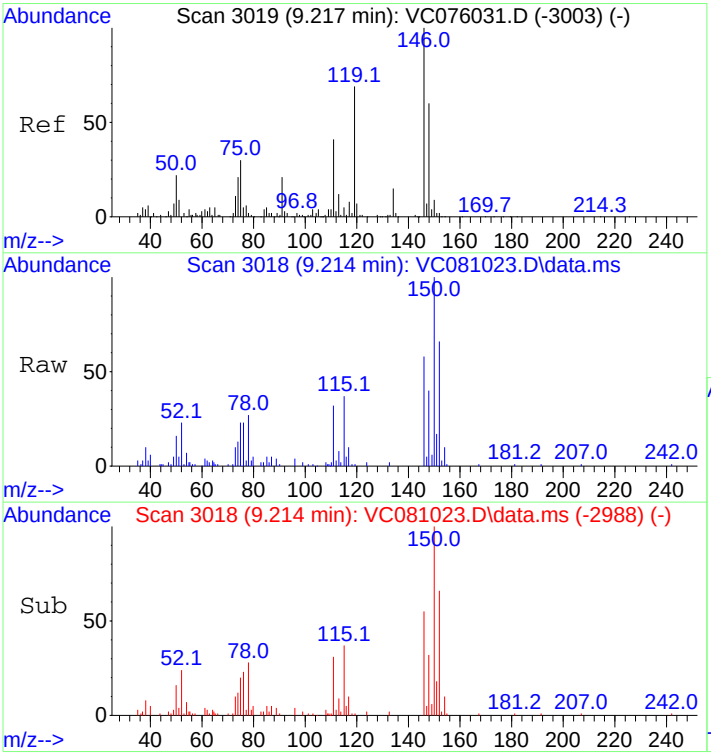


#93
1,3-DICHLOROBENZENE
Concen: 0.21 UG/L
RT: 9.120 min Scan# 2984
Delta R.T. -0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion:146 Resp: 3793

Ion	Ratio	Lower	Upper
146	100		
111	48.9	35.0	52.4
148	77.6	51.3	76.9#

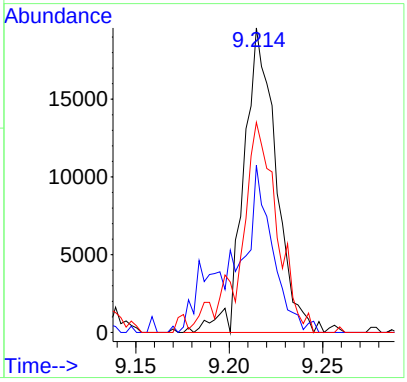


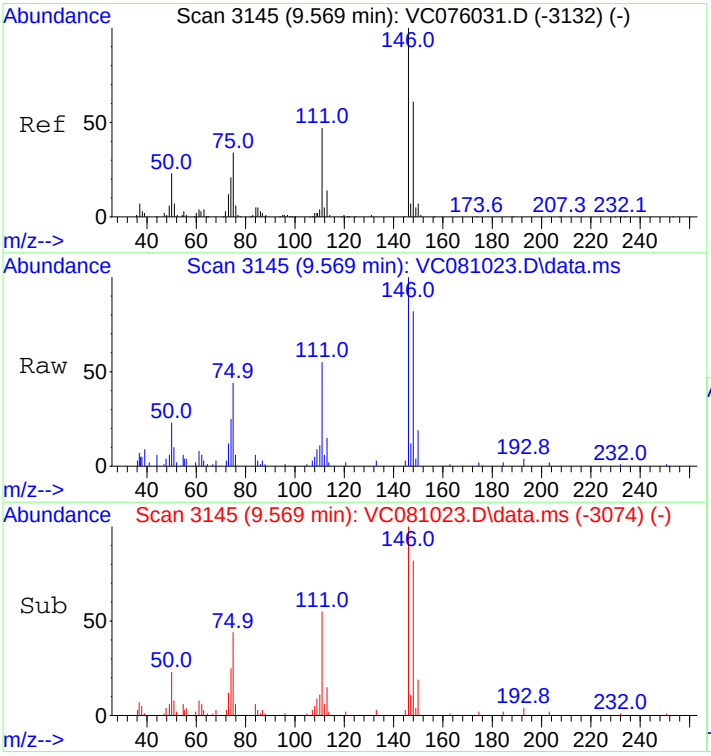


#95
1,4-DICHLOROBENZENE
Concen: 1.13 UG/L
RT: 9.214 min Scan# 3018
Delta R.T. -0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion:146 Resp: 23559

Ion	Ratio	Lower	Upper
146	100		
111	48.4	34.1	51.1
148	77.2	51.2	76.8#

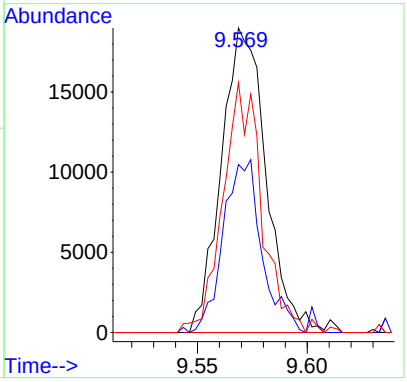




#97
1,2-DICHLOROBENZENE
Concen: 1.49 UG/L
RT: 9.569 min Scan# 3145
Delta R.T. -0.003 min
Lab File: VC081023.D
Acq: 21 Mar 2012 8:58 pm

Tgt Ion:146 Resp: 26933

Ion	Ratio	Lower	Upper
146	100		
111	48.9	36.2	54.4
148	71.0	51.6	77.4



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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW4A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-15	File ID:	VC081024.D
Sampled:	03/16/12 08:18	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW4A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-15	File ID:	VC081024.D
Sampled:	03/16/12 08:18	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW4A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-15	File ID:	VC081024.D
Sampled:	03/16/12 08:18	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	16	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW4A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-15	File ID:	VC081024.D
Sampled:	03/16/12 08:18	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:28
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081024.D
Acq On : 21 Mar 2012 9:28 pm
Operator :
Sample : 12C0539-15 Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

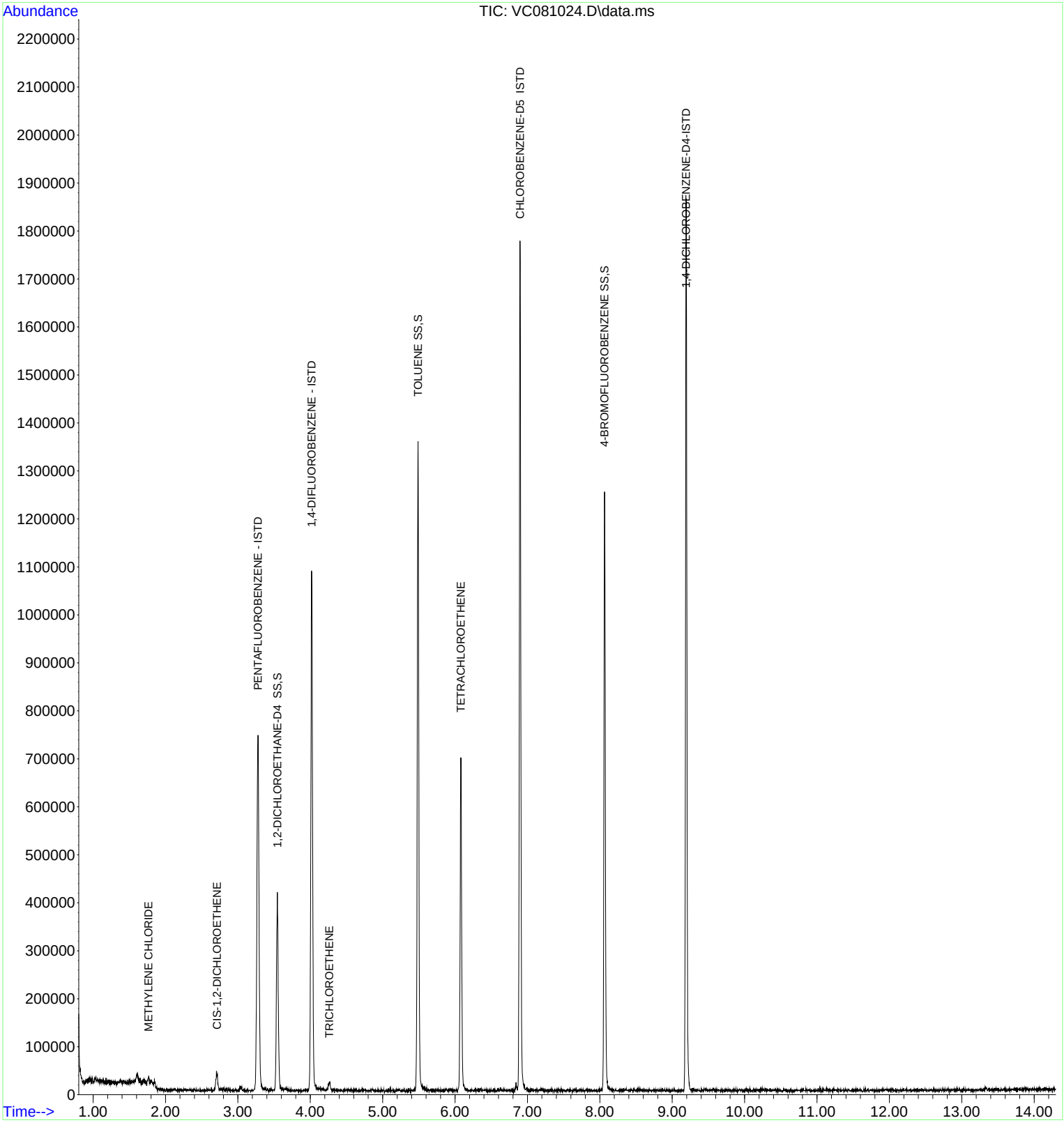
Quant Time: Mar 22 12:24:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

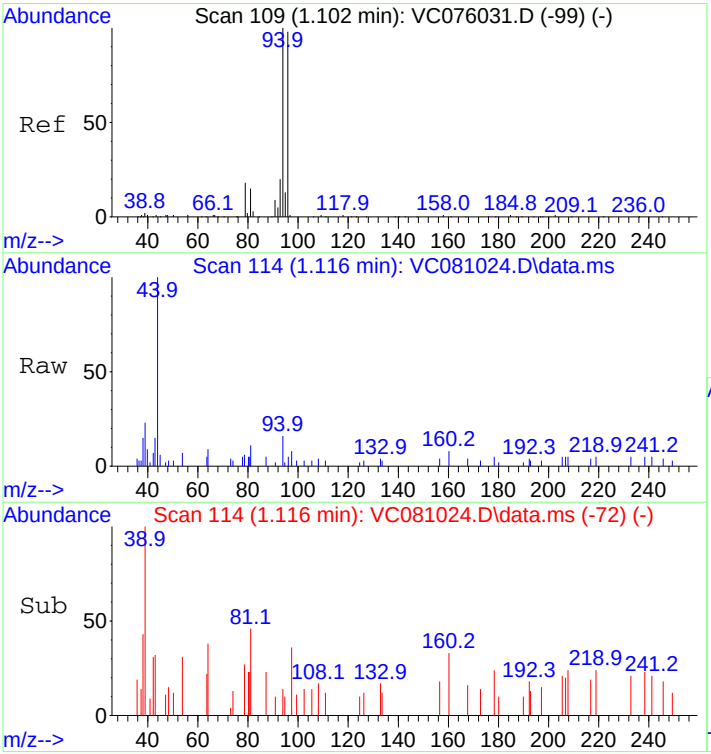
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	493611	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	733290	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	458682	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	383881	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	298904	23.55	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.20%			
49) TOLUENE SS	5.489	98	714104	24.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.56%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	334703	24.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.116	94	1017	Below Cal		86
23) METHYLENE CHLORIDE	1.766	49	3518	0.26	UG/L #	76
33) CIS-1,2-DICHLOROETHENE	2.712	61	12712m	0.64	UG/L	
51) TRICHLOROETHENE	4.262	95	4931m	0.46	UG/L	
66) TETRACHLOROETHENE	6.080	166	165616	16.28	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081024.D
Acq On : 21 Mar 2012 9:28 pm
Operator :
Sample : 12C0539-15 Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 22 12:24:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

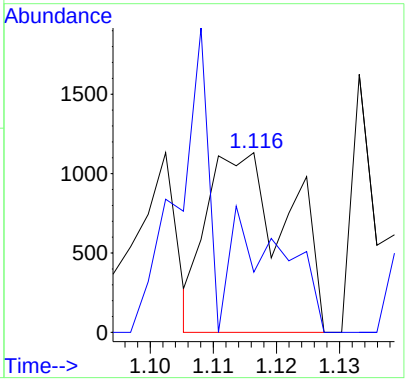


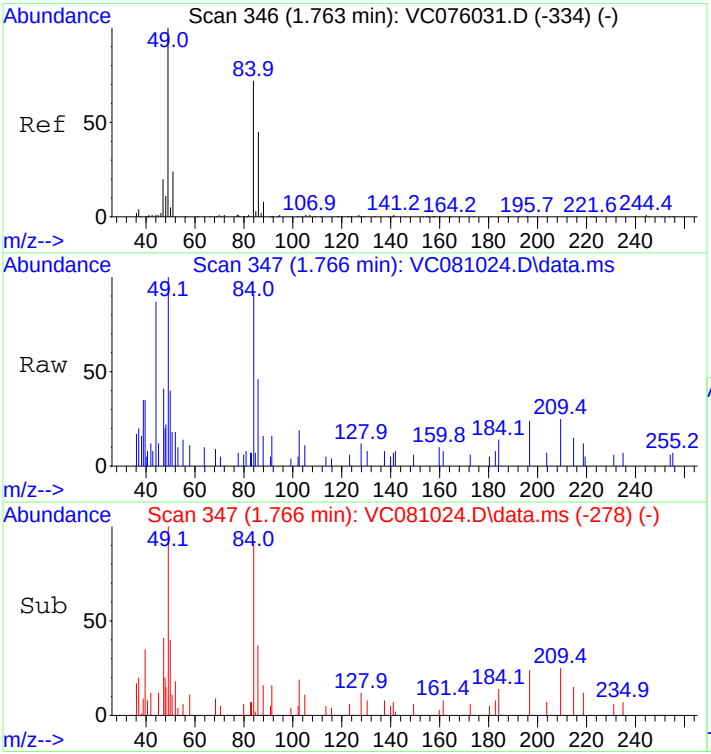


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.116 min Scan# 114
Delta R.T. 0.017 min
Lab File: VC081024.D
Acq: 21 Mar 2012 9:28 pm

Tgt Ion: 94 Resp: 1017

Ion	Ratio	Lower	Upper
94	100		
96	82.5	76.6	114.8

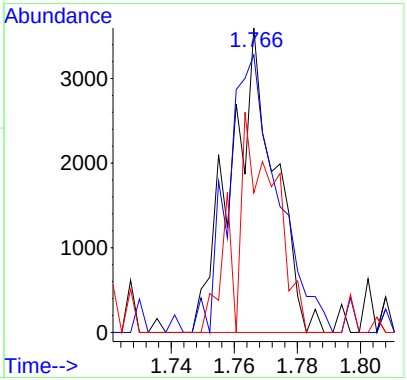


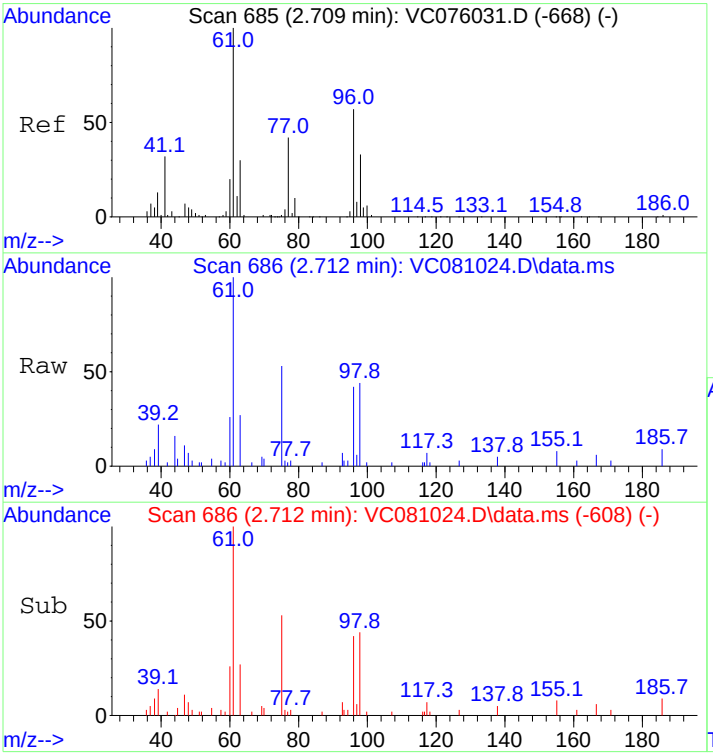


#23
METHYLENE CHLORIDE
Concen: 0.26 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.003 min
Lab File: VC081024.D
Acq: 21 Mar 2012 9:28 pm

Tgt Ion: 49 Resp: 3518

Ion	Ratio	Lower	Upper
49	100		
84	101.8	62.8	94.2#
86	64.0	40.5	60.7#

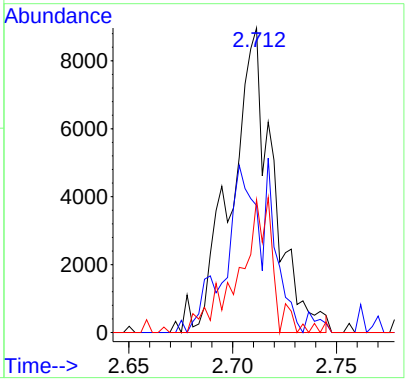


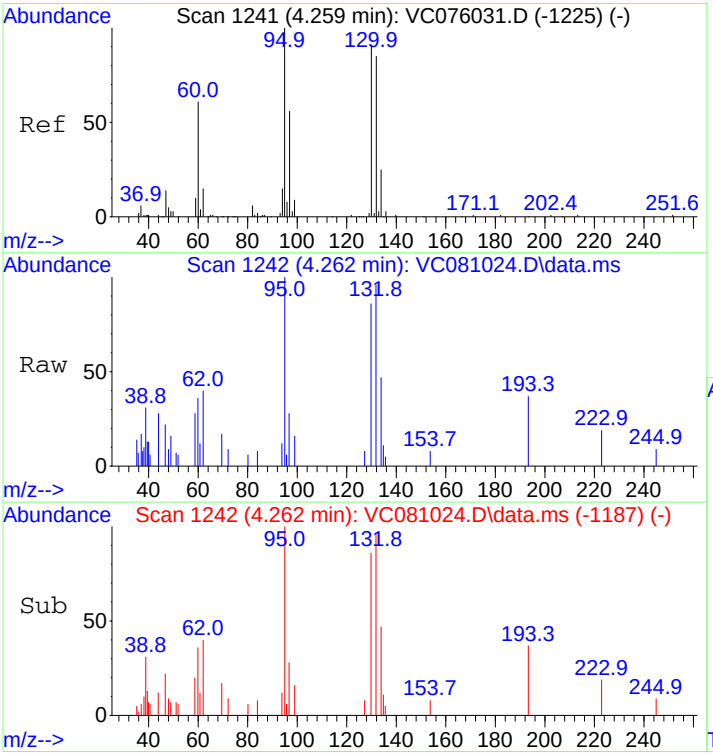


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.64 UG/L m
RT: 2.712 min Scan# 686
Delta R.T. 0.003 min
Lab File: VC081024.D
Acq: 21 Mar 2012 9:28 pm

Tgt Ion: 61 Resp: 12712

Ion	Ratio	Lower	Upper
61	100		
96	22.5	44.7	67.1#
98	35.4	29.4	44.2

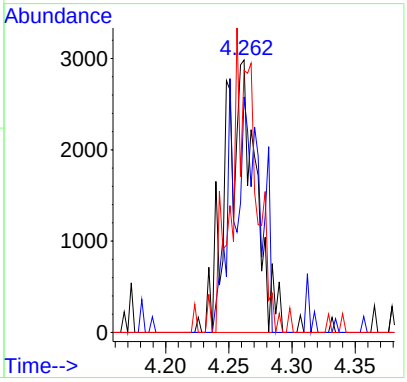


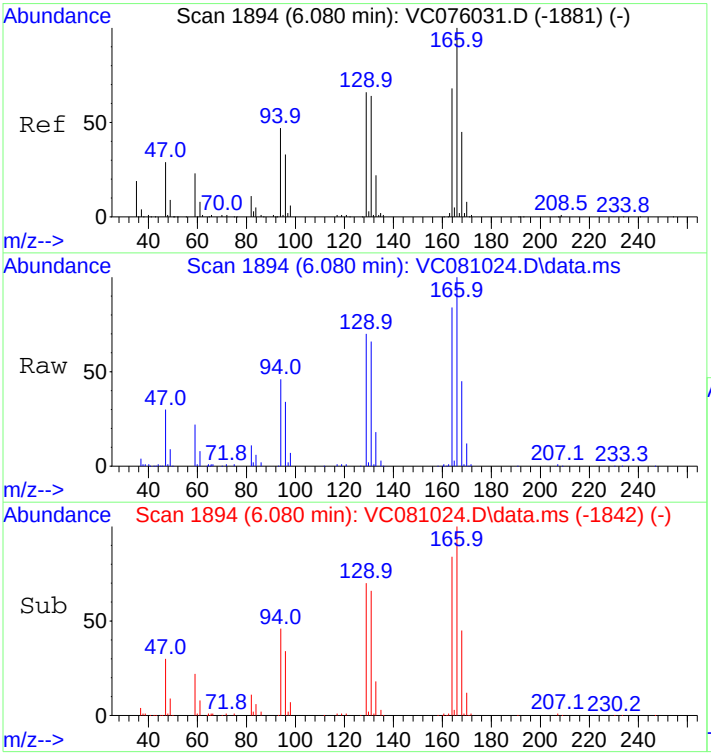


#51
TRICHLOROETHENE
Concen: 0.46 UG/L m
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC081024.D
Acq: 21 Mar 2012 9:28 pm

Tgt Ion: 95 Resp: 4931

Ion	Ratio	Lower	Upper
95	100		
130	26.1	74.8	112.2#
132	13.0	72.4	108.6#

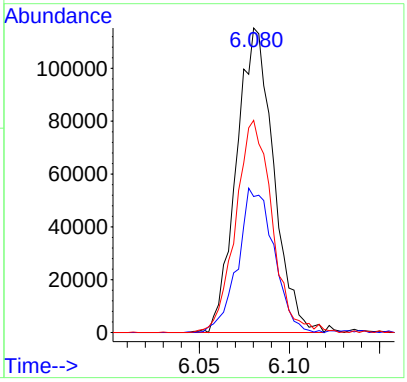




#66
TETRACHLOROETHENE
Concen: 16.28 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081024.D
Acq: 21 Mar 2012 9:28 pm

Tgt Ion:166 Resp: 165616

Ion	Ratio	Lower	Upper
166	100		
168	46.0	38.2	57.2
129	68.3	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW-5A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-16	File ID:	VC081025.D
Sampled:	03/16/12 09:21	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW-5A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-16	File ID:	VC081025.D
Sampled:	03/16/12 09:21	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW-5A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-16	File ID:	VC081025.D
Sampled:	03/16/12 09:21	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	4.0	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW-5A-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-16	File ID:	VC081025.D
Sampled:	03/16/12 09:21	Prepared:	03/21/12 12:15	Analyzed:	03/21/12 21:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081025.D
Acq On : 21 Mar 2012 9:58 pm
Operator :
Sample : 12C0539-16 Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

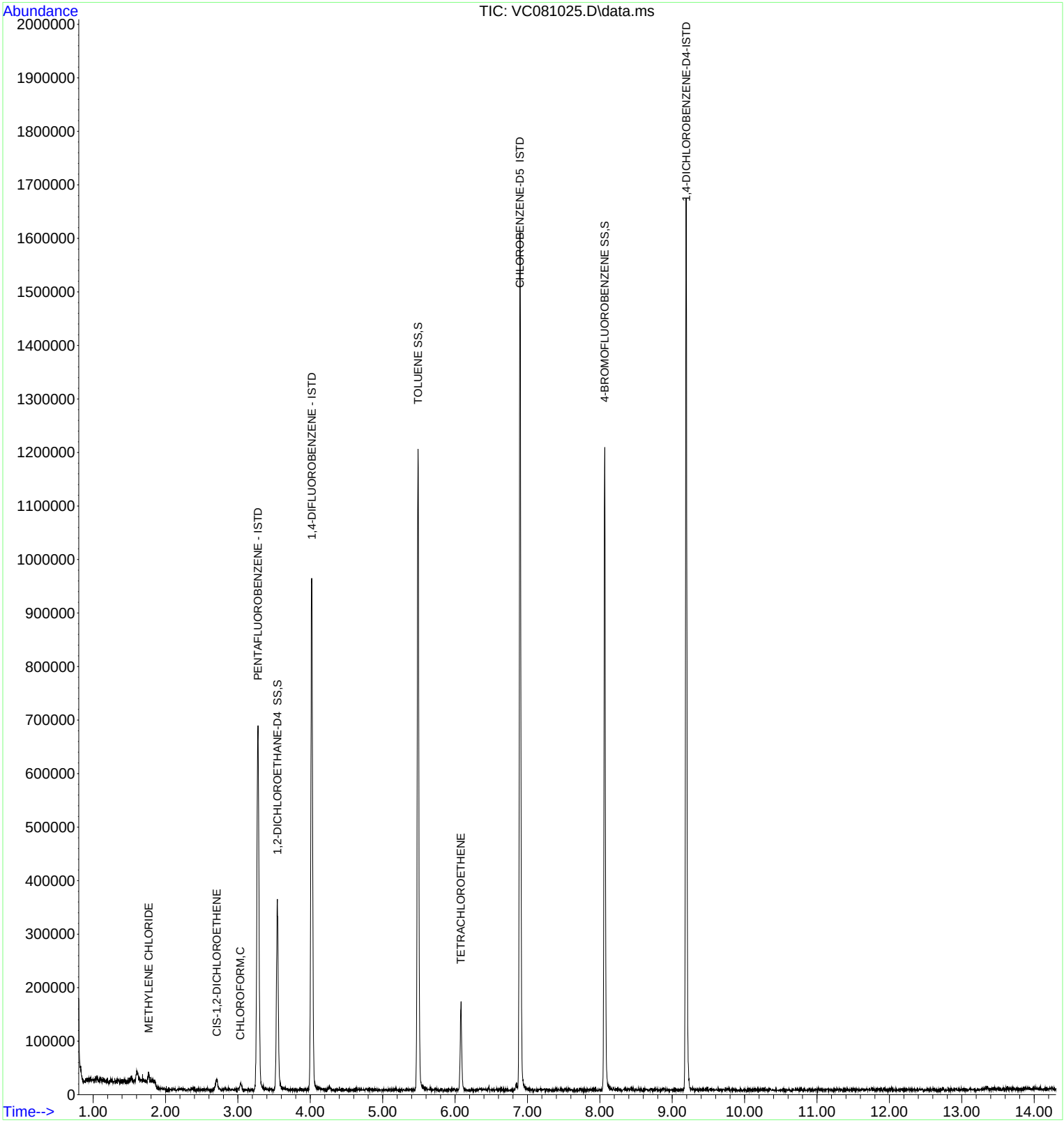
Quant Time: Mar 22 12:25:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

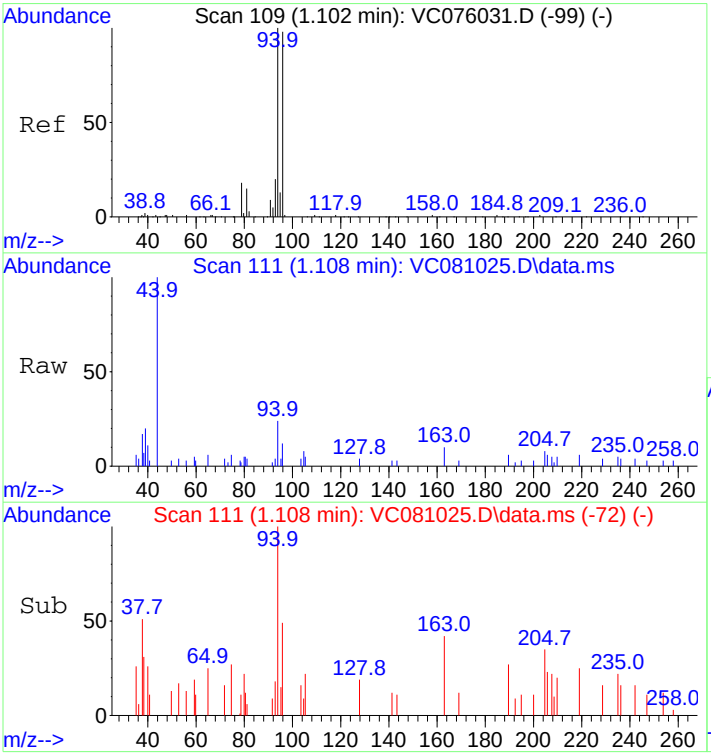
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	443538	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	659379	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	408098	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	344017	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	269542	23.63	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%			
49) TOLUENE SS	5.489	98	655244	25.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%			
71) 4-BROMOFLUOROBENZENE SS	8.068	95	301451	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	1527	Below Cal	#	44
23) METHYLENE CHLORIDE	1.769	49	5049m	0.42	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.709	61	1820	0.10	UG/L #	72
40) CHLOROFORM	3.032	83	7647	0.44	UG/L #	79
66) TETRACHLOROETHENE	6.080	166	36175	3.95	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081025.D
Acq On : 21 Mar 2012 9:58 pm
Operator :
Sample : 12C0539-16 Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 22 12:25:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

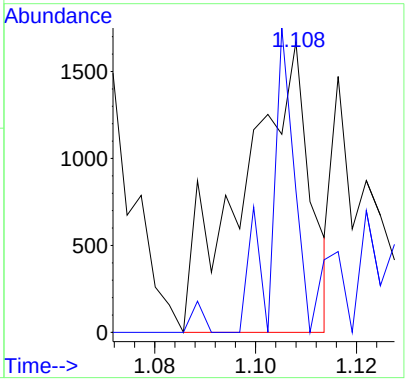


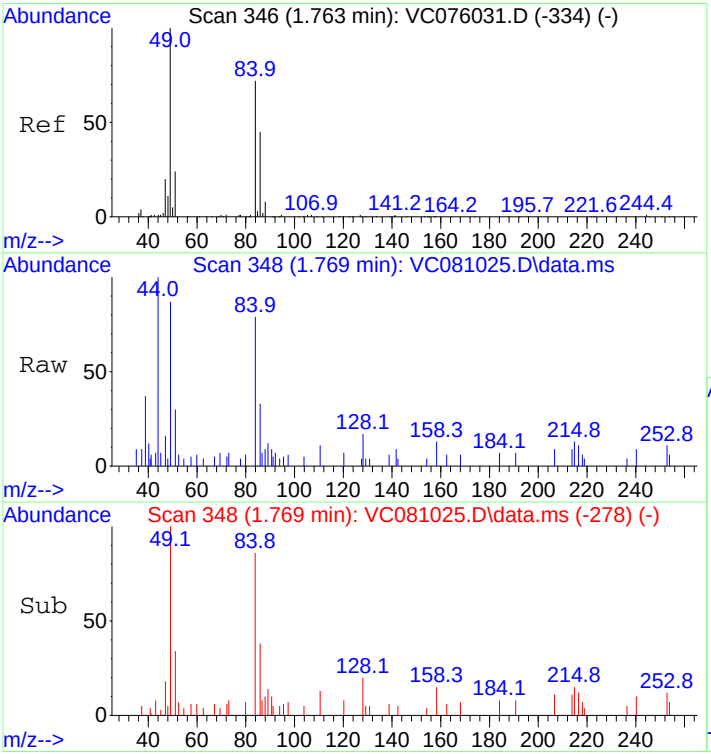


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC081025.D
Acq: 21 Mar 2012 9:58 pm

Tgt Ion: 94 Resp: 1527

Ion	Ratio	Lower	Upper
94	100		
96	40.6	76.6	114.8#

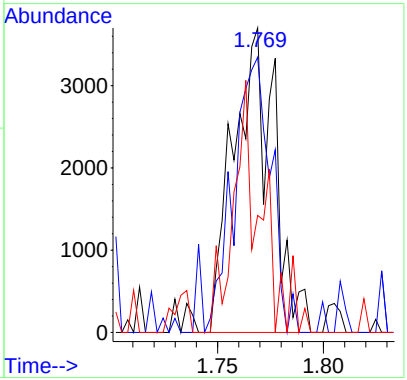


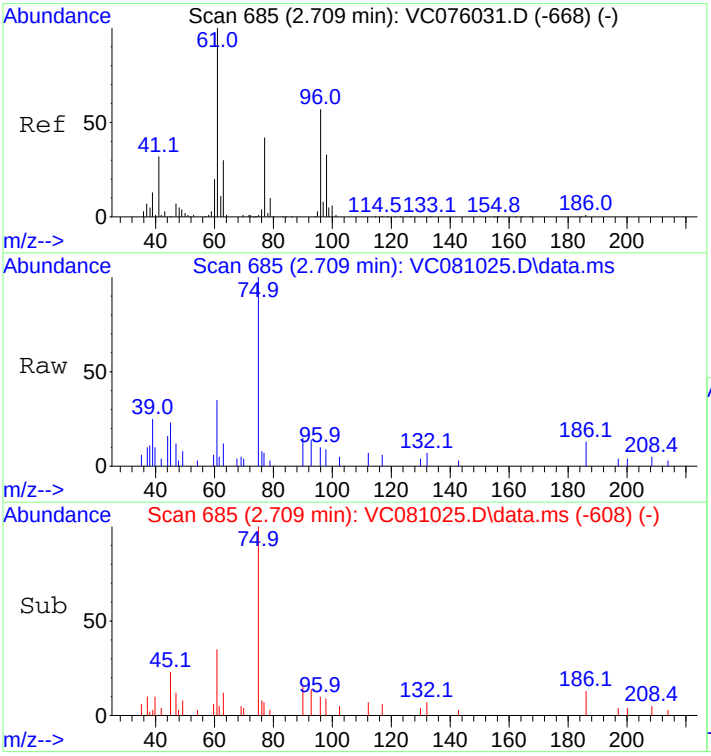


#23
METHYLENE CHLORIDE
Concen: 0.42 UG/L m
RT: 1.769 min Scan# 348
Delta R.T. 0.006 min
Lab File: VC081025.D
Acq: 21 Mar 2012 9:58 pm

Tgt Ion: 49 Resp: 5049

Ion	Ratio	Lower	Upper
49	100		
84	79.9	62.8	94.2
86	42.0	40.5	60.7

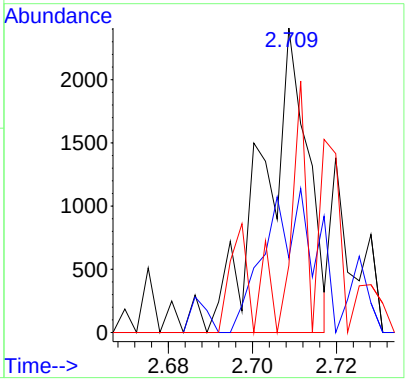


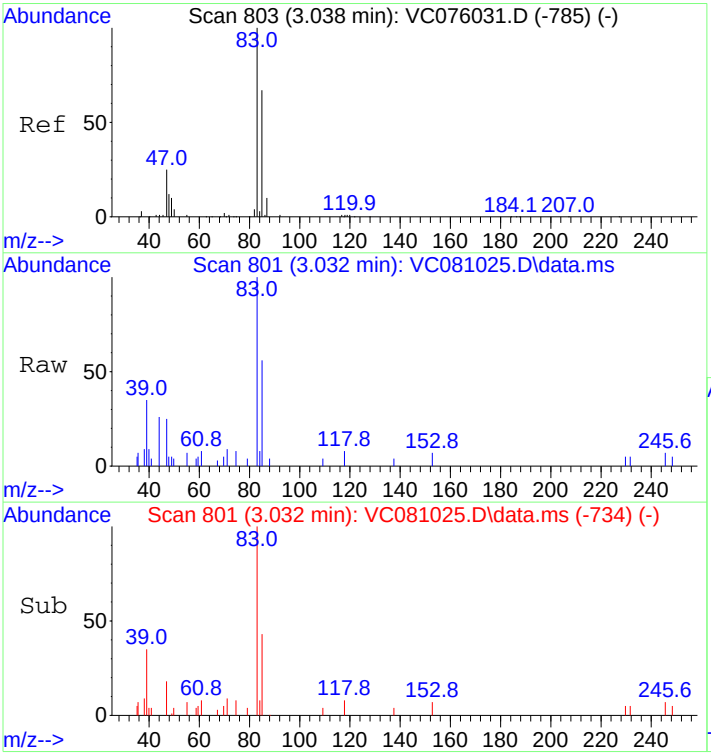


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.10 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.000 min
Lab File: VC081025.D
Acq: 21 Mar 2012 9:58 pm

Tgt Ion: 61 Resp: 1820

Ion	Ratio	Lower	Upper
61	100		
96	27.7	44.7	67.1#
98	30.4	29.4	44.2

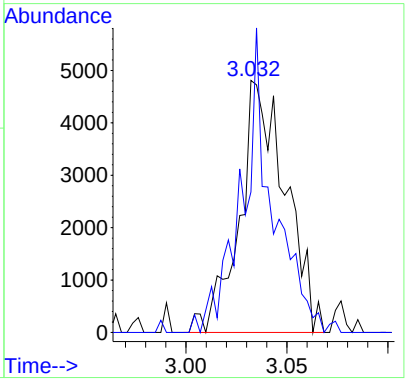


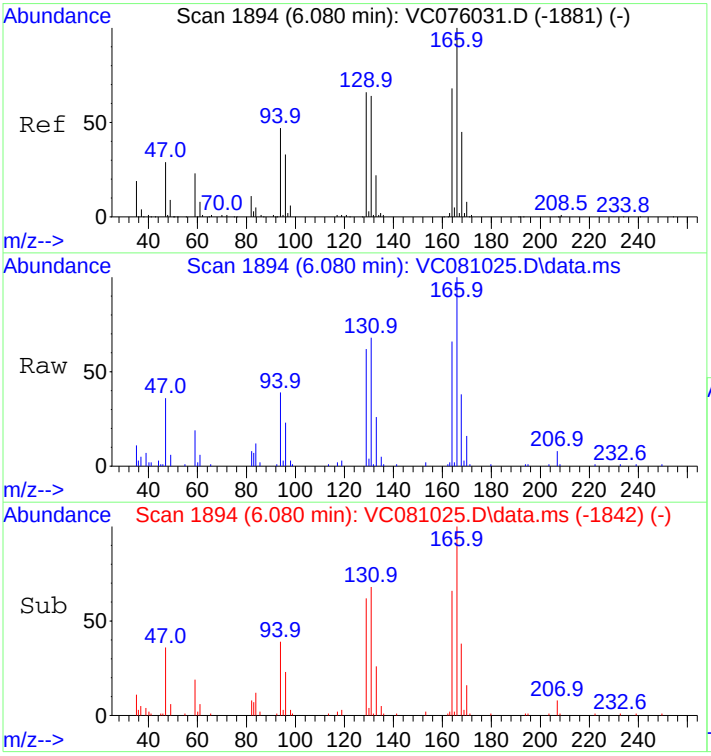


#40
CHLOROFORM
Concen: 0.44 UG/L
RT: 3.032 min Scan# 801
Delta R.T. -0.003 min
Lab File: VC081025.D
Acq: 21 Mar 2012 9:58 pm

Tgt Ion: 83 Resp: 7647

Ion	Ratio	Lower	Upper
83	100		
85	80.9	51.8	77.6#

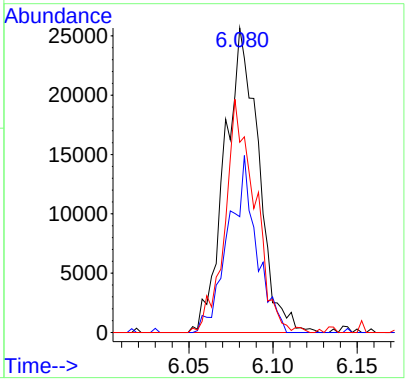




#66
TETRACHLOROETHENE
Concen: 3.95 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC081025.D
Acq: 21 Mar 2012 9:58 pm

Tgt Ion:166 Resp: 36175

Ion	Ratio	Lower	Upper
166	100		
168	48.1	38.2	57.2
129	67.2	59.8	89.6



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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW5B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-17	File ID:	VC086038.D
Sampled:	03/16/12 10:15	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 00:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW5B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-17	File ID:	VC086038.D
Sampled:	03/16/12 10:15	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 00:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW5B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-17	File ID:	VC086038.D
Sampled:	03/16/12 10:15	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 00:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

EPA-MW5B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0539-17	File ID:	VC086038.D
Sampled:	03/16/12 10:15	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 00:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086038.D
Acq On : 27 Mar 2012 12:24 am
Operator :
Sample : 12C0539-17 Inst : GCMSVOA3
Misc :
ALS Vial : 35 Sample Multiplier: 1

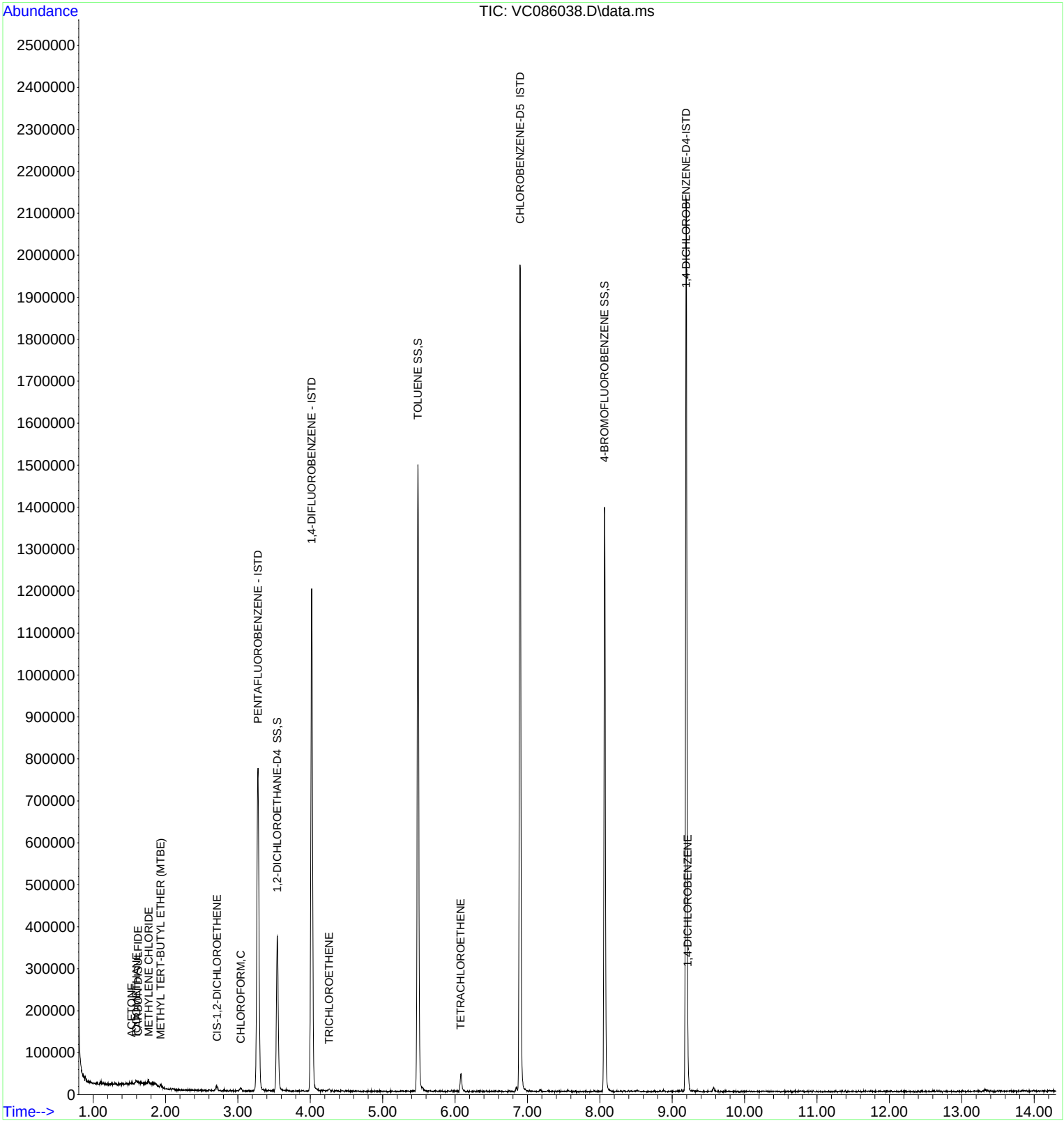
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Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

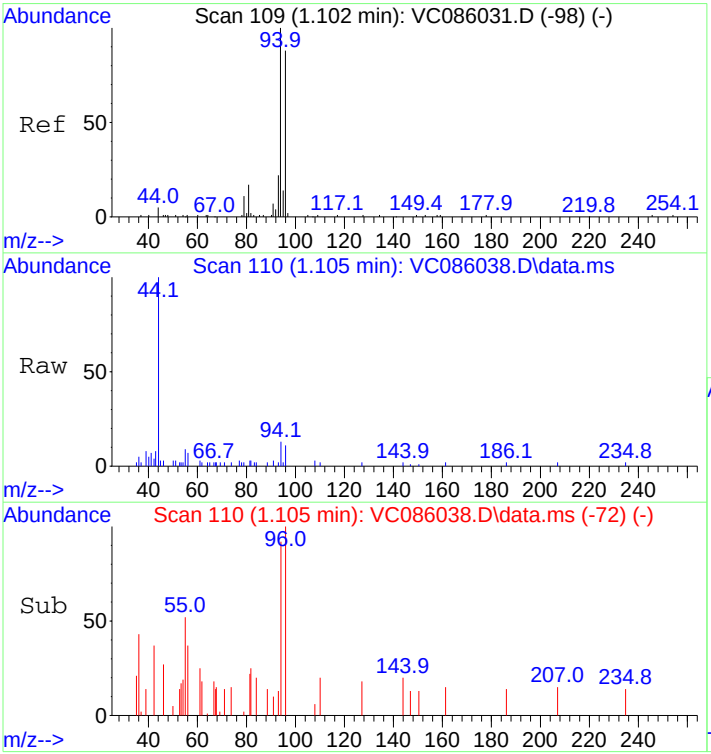
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	578115	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	926023	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	483867	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	483669	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	235280	25.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%			
49) TOLUENE SS	5.486	98	844870	24.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	396929	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.105	94	894	Below Cal	#	1
14) ACETONE	1.532	43	3201	1.61	UG/L	99
17) IODOMETHANE	1.599	142	10197m	0.88	UG/L	
23) METHYLENE CHLORIDE	1.769	49	3608	0.30	UG/L #	85
24) CARBON DISULFIDE	1.618	76	2039	0.11	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	5016m	0.17	UG/L	
33) CIS-1,2-DICHLOROETHENE	2.711	61	3573	0.16	UG/L	93
40) CHLOROFORM	3.040	83	5461	0.24	UG/L	98
51) TRICHLOROETHENE	4.259	95	1708m	0.12	UG/L	
66) TETRACHLOROETHENE	6.077	166	10107	0.67	UG/L #	88
95) 1,4-DICHLOROBENZENE	9.214	146	6394	0.22	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086038.D
Acq On : 27 Mar 2012 12:24 am
Operator :
Sample : 12C0539-17 Inst : GCMSVOA3
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 27 10:30:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

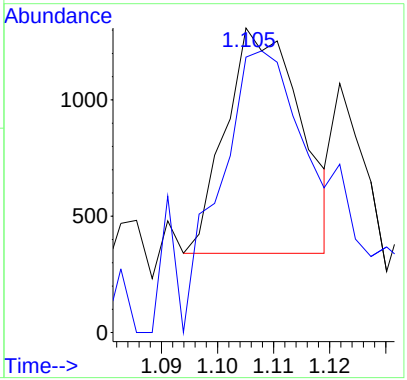


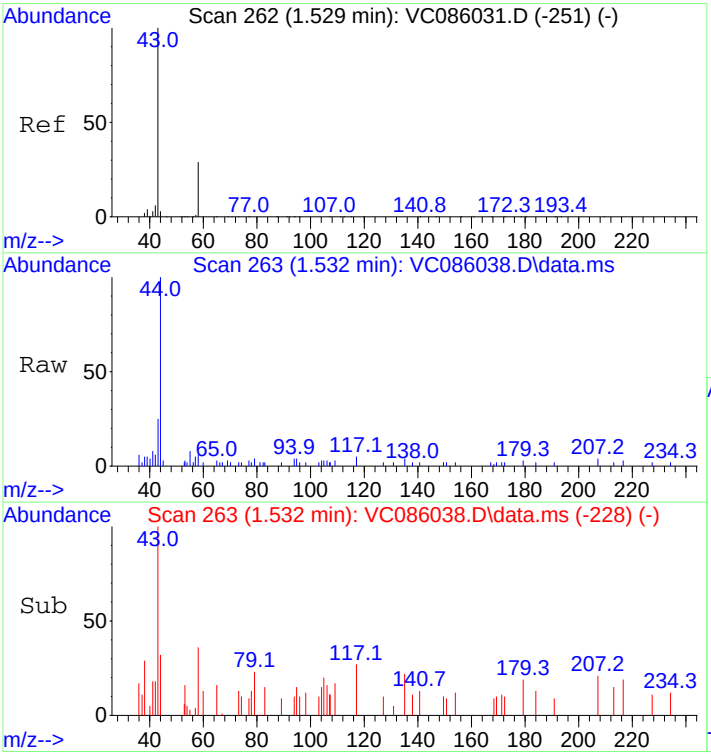


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 94 Resp: 894

Ion	Ratio	Lower	Upper
94	100		
96	199.8	76.2	114.2#

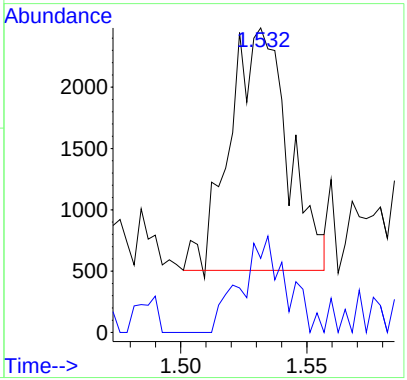


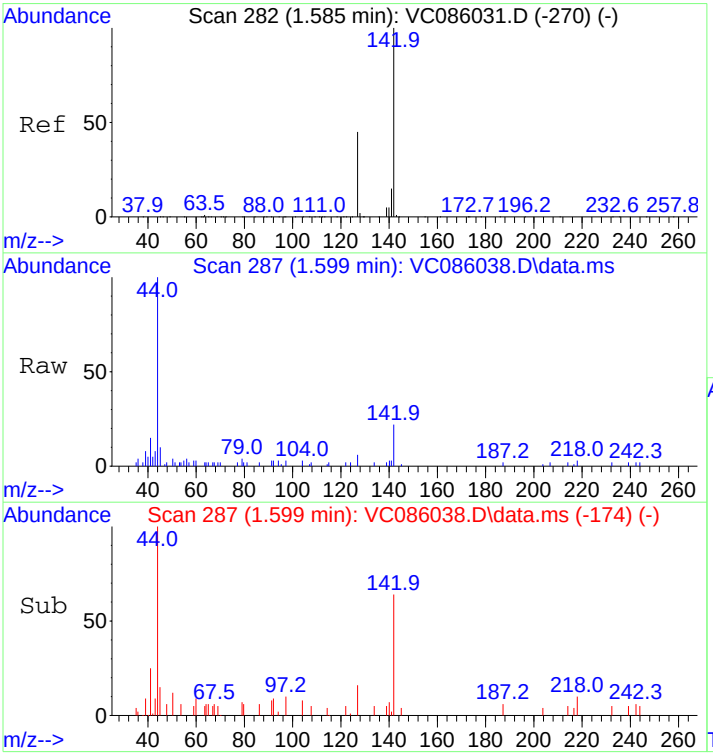


#14
ACETONE
Concen: 1.61 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 43 Resp: 3201

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.6

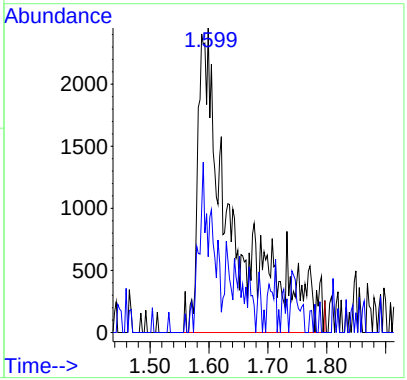


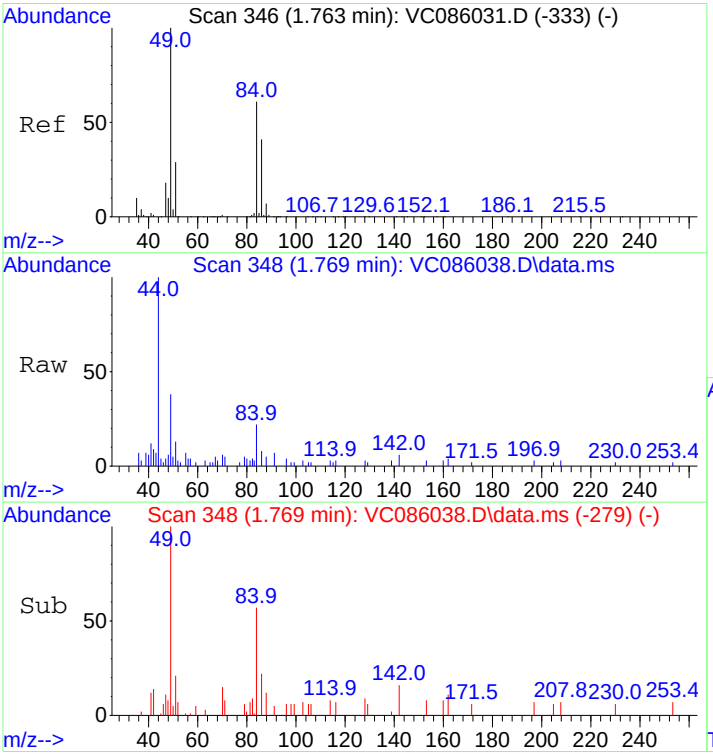


#17
IODOMETHANE
Concen: 0.88 UG/L m
RT: 1.599 min Scan# 287
Delta R.T. 0.015 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion:142 Resp: 10197

Ion	Ratio	Lower	Upper
142	100		
127	12.2	36.8	55.2#

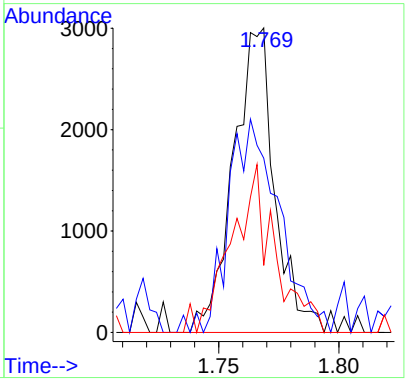


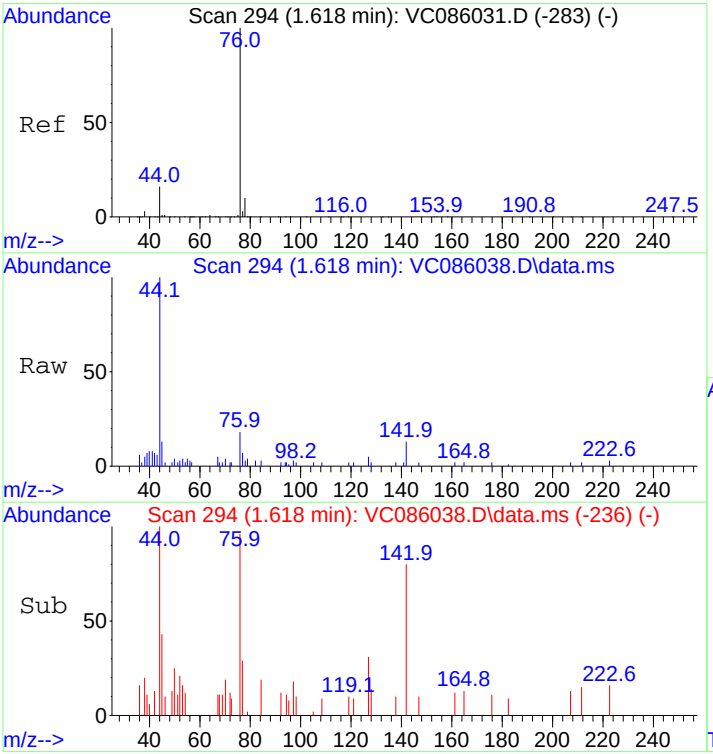


#23
METHYLENE CHLORIDE
Concen: 0.30 UG/L
RT: 1.769 min Scan# 348
Delta R.T. 0.003 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 49 Resp: 3608

Ion	Ratio	Lower	Upper
49	100		
84	84.9	57.8	86.6
86	56.6	37.1	55.7#

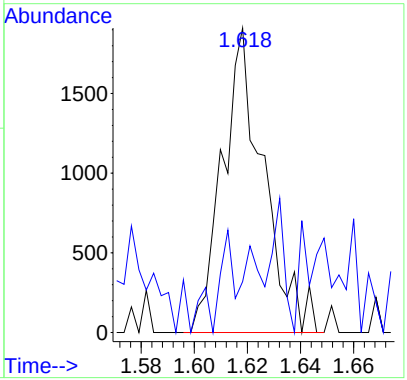


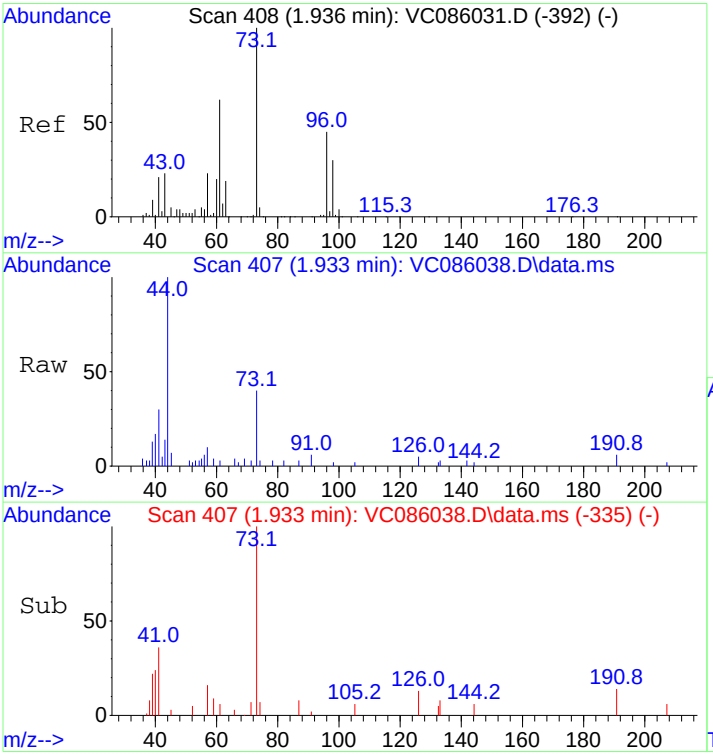


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.618 min Scan# 294
Delta R.T. -0.003 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 76 Resp: 2039

Ion	Ratio	Lower	Upper
76	100		
78	24.6	0.0	0.0#

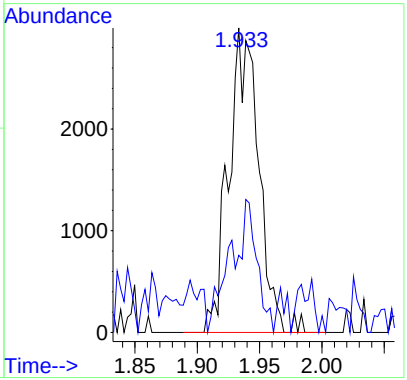


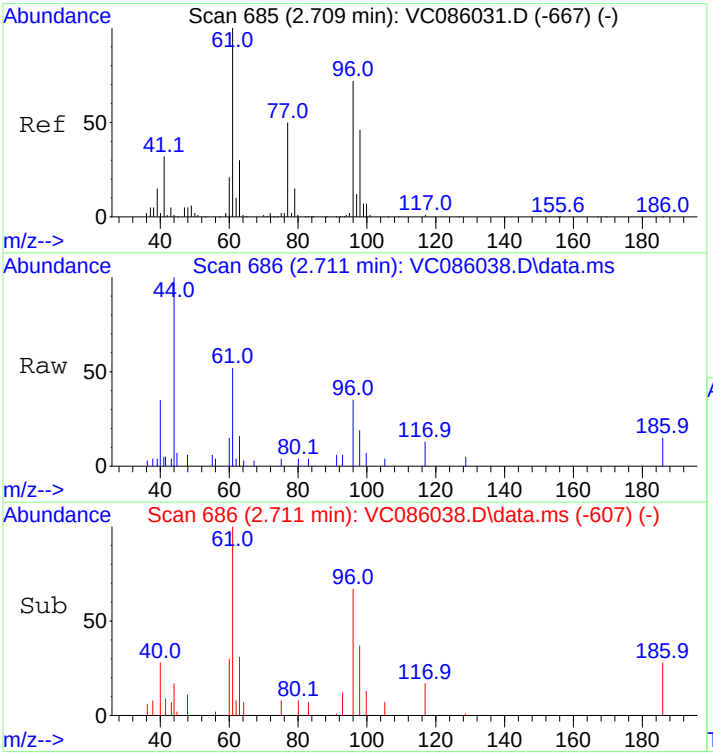


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.17 UG/L m
RT: 1.933 min Scan# 407
Delta R.T. -0.000 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 73 Resp: 5016

Ion	Ratio	Lower	Upper
73	100		
57	18.5	18.9	28.3#

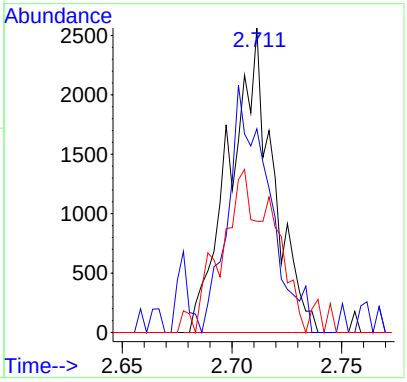


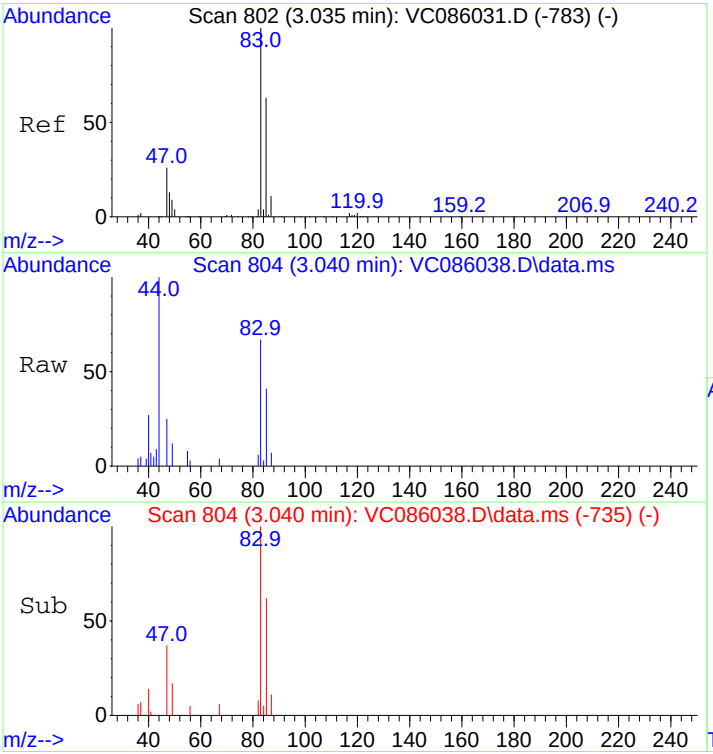


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.16 UG/L
RT: 2.711 min Scan# 686
Delta R.T. 0.006 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 61 Resp: 3573

Ion	Ratio	Lower	Upper
61	100		
96	74.6	54.4	81.6
98	41.1	35.1	52.7

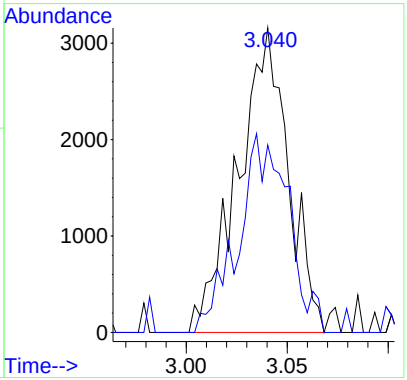


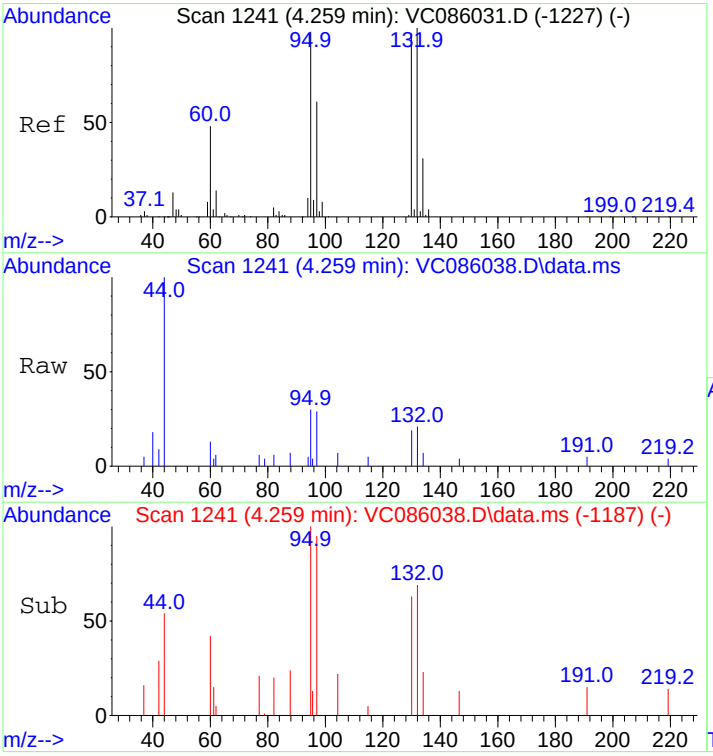


#40
CHLOROFORM
Concen: 0.24 UG/L
RT: 3.040 min Scan# 804
Delta R.T. 0.003 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 83 Resp: 5461

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.6

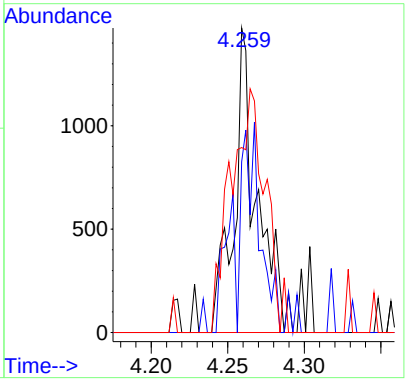


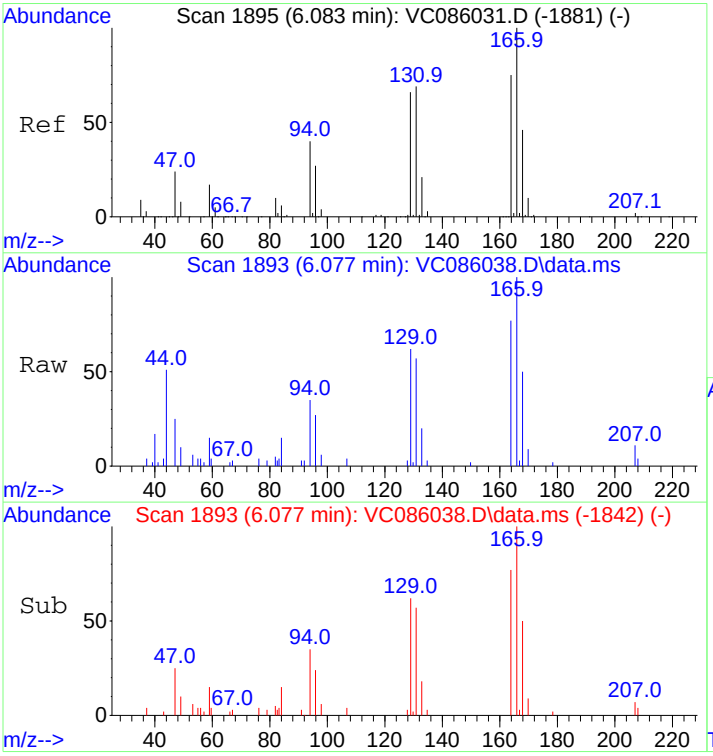


#51
TRICHLOROETHENE
Concen: 0.12 UG/L m
RT: 4.259 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion: 95 Resp: 1708

Ion	Ratio	Lower	Upper
95	100		
130	48.4	83.0	124.4#
132	108.3	85.1	127.7

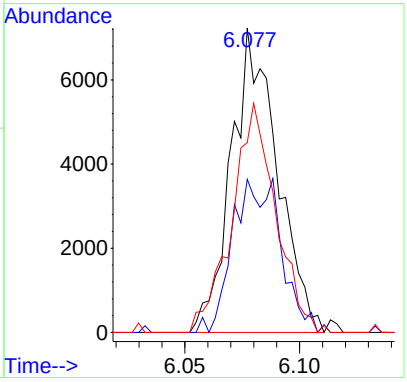


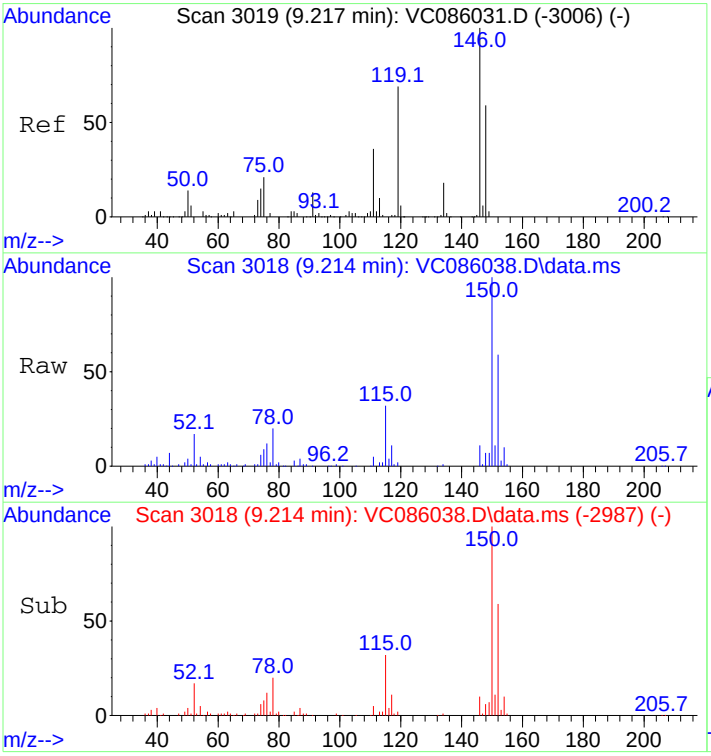


#66
TETRACHLOROETHENE
Concen: 0.67 UG/L
RT: 6.077 min Scan# 1893
Delta R.T. -0.003 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion:166 Resp: 10107

Ion	Ratio	Lower	Upper
166	100		
168	31.1	38.0	57.0#
129	71.6	55.4	83.2

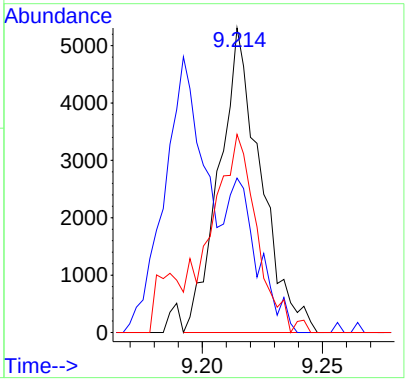




#95
1,4-DICHLOROBENZENE
Concen: 0.22 UG/L
RT: 9.214 min Scan# 3018
Delta R.T. -0.000 min
Lab File: VC086038.D
Acq: 27 Mar 2012 12:24 am

Tgt Ion:146 Resp: 6394

Ion	Ratio	Lower	Upper
146	100		
111	35.5	31.0	46.6
148	70.8	51.2	76.8



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0539-01	93.3	98.5	103
12C0539-02	92.3	98.6	101
12C0539-03	90.7	99.0	99.1
12C0539-04	94.5	98.9	97.8
12C0539-05	94.7	102	98.5
12C0539-06	96.0	96.6	99.8
12C0539-07	93.9	97.0	99.3
12C0539-08	95.0	96.2	100
12C0539-09	92.9	96.9	101
12C0539-10	93.8	98.9	100
12C0539-11	95.6	102	98.9
12C0539-12	93.4	100	97.3
12C0539-13	93.8	101	100
12C0539-14	90.9	99.3	100
12C0539-15	94.2	96.7	98.6
12C0539-16	94.5	97.9	101
B048283-BLK1	94.3	101	99.7
B048283-BS1	90.0	101	99.6
B048283-BSD1	90.1	101	101

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0539-17	102	98.9	99.5
B048557-BLK1	103	96.9	101
B048557-BS1	98.9	98.4	102
B048557-BSD1	102	99.4	102

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	129	129	70 - 160
Acrylonitrile	10.0	10.5	105	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103	70 - 130
Benzene	10.0	10.6	106	70 - 130
Bromobenzene	10.0	10.5	105	70 - 130
Bromochloromethane	10.0	9.73	97.3	70 - 130
Bromodichloromethane	10.0	10.5	105	70 - 130
Bromoform	10.0	12.6	126	70 - 130
Bromomethane	10.0	4.64	46.4	40 - 160
2-Butanone (MEK)	100	102	102	40 - 160
tert-Butyl Alcohol (TBA)	100	105	105	40 - 160
n-Butylbenzene	10.0	11.1	111	70 - 130
sec-Butylbenzene	10.0	11.5	115	70 - 130
tert-Butylbenzene	10.0	11.2	112	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.0	100	70 - 130
Carbon Disulfide	10.0	9.99	99.9	70 - 130
Carbon Tetrachloride	10.0	11.1	111	70 - 130
Chlorobenzene	10.0	11.6	116	70 - 130
Chlorodibromomethane	10.0	11.8	118	70 - 130
Chloroethane	10.0	8.76	87.6	70 - 130
Chloroform	10.0	11.2	112	70 - 130
Chloromethane	10.0	8.20	82.0	40 - 160
2-Chlorotoluene	10.0	11.9	119	70 - 130
4-Chlorotoluene	10.0	11.9	119	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.2	112	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.4	114	70 - 130
Dibromomethane	10.0	11.4	114	70 - 130
1,2-Dichlorobenzene	10.0	11.6	116	70 - 130
1,3-Dichlorobenzene	10.0	11.6	116	70 - 130
1,4-Dichlorobenzene	10.0	11.0	110	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.1	101	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	8.22	82.2	40 - 160
1,1-Dichloroethane	10.0	10.6	106	70 - 130
1,2-Dichloroethane	10.0	11.0	110	70 - 130
1,1-Dichloroethylene	10.0	9.38	93.8	70 - 130
cis-1,2-Dichloroethylene	10.0	9.68	96.8	70 - 130
trans-1,2-Dichloroethylene	10.0	9.97	99.7	70 - 130
1,2-Dichloropropane	10.0	10.9	109	70 - 130
1,3-Dichloropropane	10.0	11.5	115	70 - 130
2,2-Dichloropropane	10.0	10.5	105	40 - 130
1,1-Dichloropropene	10.0	10.4	104	70 - 130
cis-1,3-Dichloropropene	10.0	11.0	110	70 - 130
trans-1,3-Dichloropropene	10.0	12.8	128	70 - 130
Diethyl Ether	10.0	9.73	97.3	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.69	96.9	70 - 130
1,4-Dioxane	100	130	130	40 - 130
Ethylbenzene	10.0	11.0	110	70 - 130
Hexachlorobutadiene	10.0	11.3	113	70 - 130
2-Hexanone (MBK)	100	105	105	70 - 160
Isopropylbenzene (Cumene)	10.0	12.1	121	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.1	111	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.7	117	70 - 130
Methylene Chloride	10.0	10.3	103	70 - 130
4-Methyl-2-pentanone (MIBK)	100	101	101	70 - 160
Naphthalene	10.0	6.79	67.9	40 - 130
n-Propylbenzene	10.0	12.0	120	70 - 130
Styrene	10.0	11.5	115	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.4	114	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118	70 - 130
Tetrachloroethylene	10.0	11.9	119	70 - 130
Tetrahydrofuran	10.0	9.73	97.3	70 - 130
Toluene	10.0	11.4	114	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.67	86.7	70 - 130
1,2,4-Trichlorobenzene	10.0	9.04	90.4	70 - 130
1,3,5-Trichlorobenzene	10.0	9.47	94.7	70 - 130
1,1,1-Trichloroethane	10.0	10.2	102	70 - 130
1,1,2-Trichloroethane	10.0	11.7	117	70 - 130
Trichloroethylene	10.0	11.0	110	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.49	94.9	70 - 130
1,2,3-Trichloropropane	10.0	10.8	108	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.8	108	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111	70 - 130
1,3,5-Trimethylbenzene	10.0	11.2	112	70 - 130
Vinyl Chloride	10.0	8.31	83.1	40 - 160
m+p Xylene	20.0	22.8	114	70 - 130
o-Xylene	10.0	11.7	117	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	134	134		3.80	25	70 - 160
Acrylonitrile	10.0	12.4	124		17.2	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.8	118		13.3	25	70 - 130
Benzene	10.0	11.6	116		8.74	25	70 - 130
Bromobenzene	10.0	11.6	116		9.92	25	70 - 130
Bromochloromethane	10.0	10.3	103		5.50	25	70 - 130
Bromodichloromethane	10.0	11.7	117		10.7	25	70 - 130
Bromoform	10.0	13.8	138	*	8.85	25	70 - 130
Bromomethane	10.0	6.78	67.8		37.5	25	40 - 160
2-Butanone (MEK)	100	111	111		8.73	25	40 - 160
tert-Butyl Alcohol (TBA)	100	126	126		18.8	25	40 - 160
n-Butylbenzene	10.0	11.8	118		5.96	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	13.0	130	12.7	25	70 - 130
tert-Butylbenzene	10.0	12.2	122	8.90	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.3	113	12.4	25	70 - 130
Carbon Disulfide	10.0	10.4	104	4.02	25	70 - 130
Carbon Tetrachloride	10.0	12.1	121	8.28	25	70 - 130
Chlorobenzene	10.0	12.4	124	6.90	25	70 - 130
Chlorodibromomethane	10.0	12.8	128	8.40	25	70 - 130
Chloroethane	10.0	9.66	96.6	9.77	25	70 - 130
Chloroform	10.0	12.1	121	7.84	25	70 - 130
Chloromethane	10.0	8.84	88.4	7.51	25	40 - 160
2-Chlorotoluene	10.0	12.5	125	5.16	25	70 - 130
4-Chlorotoluene	10.0	12.4	124	3.87	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	11.0	110	1.44	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	12.9	129	12.3	25	70 - 130
Dibromomethane	10.0	12.3	123	7.60	25	70 - 130
1,2-Dichlorobenzene	10.0	12.8	128	9.73	25	70 - 130
1,3-Dichlorobenzene	10.0	12.8	128	10.3	25	70 - 130
1,4-Dichlorobenzene	10.0	11.4	114	3.58	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.82	88.2	13.9	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.95	89.5	8.50	25	40 - 160
1,1-Dichloroethane	10.0	11.9	119	11.0	25	70 - 130
1,2-Dichloroethane	10.0	12.3	123	11.1	25	70 - 130
1,1-Dichloroethylene	10.0	10.4	104	10.0	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.6	106	8.70	25	70 - 130
trans-1,2-Dichloroethylene	10.0	11.3	113	12.2	25	70 - 130
1,2-Dichloropropane	10.0	11.5	115	5.45	25	70 - 130
1,3-Dichloropropane	10.0	11.9	119	3.26	25	70 - 130
2,2-Dichloropropane	10.0	12.0	120	13.0	25	40 - 130
1,1-Dichloropropene	10.0	11.7	117	12.2	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	12.2	122		9.66	25	70 - 130
trans-1,3-Dichloropropene	10.0	14.1	141	*	9.75	25	70 - 130
Diethyl Ether	10.0	11.0	110		12.1	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106		9.44	25	70 - 130
1,4-Dioxane	100	122	122		6.62	50	40 - 130
Ethylbenzene	10.0	11.8	118		7.19	25	70 - 130
Hexachlorobutadiene	10.0	13.0	130		13.6	25	70 - 130
2-Hexanone (MBK)	100	115	115		9.14	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.6	126		4.37	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	12.3	123		10.1	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	12.8	128		9.47	25	70 - 130
Methylene Chloride	10.0	11.6	116		11.9	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	111	111		9.73	25	70 - 160
Naphthalene	10.0	7.82	78.2		14.1	25	40 - 130
n-Propylbenzene	10.0	12.6	126		4.87	25	70 - 130
Styrene	10.0	12.1	121		4.84	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	12.1	121		5.78	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.7	127		7.24	25	70 - 130
Tetrachloroethylene	10.0	13.3	133	*	11.3	25	70 - 130
Tetrahydrofuran	10.0	11.2	112		13.7	25	70 - 130
Toluene	10.0	12.2	122		6.93	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.92	99.2		13.4	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.77	97.7		7.76	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.6	106		11.4	25	70 - 130
1,1,1-Trichloroethane	10.0	11.7	117		13.9	25	70 - 130
1,1,2-Trichloroethane	10.0	12.0	120		2.11	25	70 - 130
Trichloroethylene	10.0	11.2	112		1.98	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.2	102		7.60	25	70 - 130
1,2,3-Trichloropropane	10.0	12.0	120		9.82	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048283	Laboratory ID:	B048283-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.5	115	6.16	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.8	118	6.46	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.8	118	4.35	25	70 - 130
Vinyl Chloride	10.0	8.81	88.1	5.84	25	40 - 160
m+p Xylene	20.0	24.1	120	5.24	25	70 - 130
o-Xylene	10.0	12.6	126	7.00	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	109	109	70 - 160
Acrylonitrile	10.0	9.51	95.1	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	70 - 130
Benzene	10.0	10.9	109	70 - 130
Bromobenzene	10.0	10.7	107	70 - 130
Bromochloromethane	10.0	11.0	110	70 - 130
Bromodichloromethane	10.0	9.91	99.1	70 - 130
Bromoform	10.0	12.1	121	70 - 130
Bromomethane	10.0	7.55	75.5	40 - 160
2-Butanone (MEK)	100	96.5	96.5	40 - 160
tert-Butyl Alcohol (TBA)	100	78.3	78.3	40 - 160
n-Butylbenzene	10.0	11.0	110	70 - 130
sec-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.0	110	70 - 130
Carbon Disulfide	10.0	12.2	122	70 - 130
Carbon Tetrachloride	10.0	9.89	98.9	70 - 130
Chlorobenzene	10.0	11.2	112	70 - 130
Chlorodibromomethane	10.0	11.4	114	70 - 130
Chloroethane	10.0	11.4	114	70 - 130
Chloroform	10.0	10.7	107	70 - 130
Chloromethane	10.0	14.5	145	40 - 160
2-Chlorotoluene	10.0	11.1	111	70 - 130
4-Chlorotoluene	10.0	11.5	115	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.21	92.1	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.4	104	70 - 130
Dibromomethane	10.0	10.4	104	70 - 130
1,2-Dichlorobenzene	10.0	11.5	115	70 - 130
1,3-Dichlorobenzene	10.0	11.5	115	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.36	73.6	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	18.4	184	*	40 - 160
1,1-Dichloroethane	10.0	11.0	110		70 - 130
1,2-Dichloroethane	10.0	10.5	105		70 - 130
1,1-Dichloroethylene	10.0	11.2	112		70 - 130
cis-1,2-Dichloroethylene	10.0	10.2	102		70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107		70 - 130
1,2-Dichloropropane	10.0	10.6	106		70 - 130
1,3-Dichloropropane	10.0	10.6	106		70 - 130
2,2-Dichloropropane	10.0	9.61	96.1		40 - 130
1,1-Dichloropropene	10.0	10.9	109		70 - 130
cis-1,3-Dichloropropene	10.0	9.85	98.5		70 - 130
trans-1,3-Dichloropropene	10.0	10.6	106		70 - 130
Diethyl Ether	10.0	9.42	94.2		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.7	117		70 - 130
1,4-Dioxane	100	95.4	95.4		40 - 130
Ethylbenzene	10.0	10.7	107		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	98.7	98.7		70 - 160
Isopropylbenzene (Cumene)	10.0	11.4	114		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.3	113		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112		70 - 130
Methylene Chloride	10.0	11.3	113		70 - 130
4-Methyl-2-pentanone (MIBK)	100	95.4	95.4		70 - 160
Naphthalene	10.0	8.27	82.7		40 - 130
n-Propylbenzene	10.0	11.4	114		70 - 130
Styrene	10.0	10.9	109		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.92	99.2		70 - 130
Tetrachloroethylene	10.0	10.8	108		70 - 130
Tetrahydrofuran	10.0	8.76	87.6		70 - 130
Toluene	10.0	11.1	111		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.73	87.3	70 - 130
1,2,4-Trichlorobenzene	10.0	8.88	88.8	70 - 130
1,3,5-Trichlorobenzene	10.0	9.29	92.9	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	10.1	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118	70 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130
1,3,5-Trimethylbenzene	10.0	10.5	105	70 - 130
Vinyl Chloride	10.0	10.9	109	40 - 160
m+p Xylene	20.0	21.9	110	70 - 130
o-Xylene	10.0	11.7	117	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	121	121	10.7	25	70 - 160
Acrylonitrile	10.0	10.8	108	12.2	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	0.0949	25	70 - 130
Benzene	10.0	10.4	104	4.96	25	70 - 130
Bromobenzene	10.0	10.0	100	6.57	25	70 - 130
Bromochloromethane	10.0	10.6	106	3.99	25	70 - 130
Bromodichloromethane	10.0	9.41	94.1	5.18	25	70 - 130
Bromoform	10.0	12.6	126	4.45	25	70 - 130
Bromomethane	10.0	8.36	83.6	10.2	25	40 - 160
2-Butanone (MEK)	100	110	110	12.7	25	40 - 160
tert-Butyl Alcohol (TBA)	100	92.0	92.0	16.1	25	40 - 160
n-Butylbenzene	10.0	10.2	102	7.55	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.6	106		7.81	25	70 - 130
tert-Butylbenzene	10.0	10.4	104		8.73	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.7	107		2.03	25	70 - 130
Carbon Disulfide	10.0	11.3	113		7.72	25	70 - 130
Carbon Tetrachloride	10.0	9.17	91.7		7.56	25	70 - 130
Chlorobenzene	10.0	10.8	108		3.36	25	70 - 130
Chlorodibromomethane	10.0	11.4	114		0.0878	25	70 - 130
Chloroethane	10.0	10.6	106		7.47	25	70 - 130
Chloroform	10.0	10.2	102		4.31	25	70 - 130
Chloromethane	10.0	13.7	137		5.82	25	40 - 160
2-Chlorotoluene	10.0	10.5	105		5.83	25	70 - 130
4-Chlorotoluene	10.0	10.7	107		6.58	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.75	97.5		5.70	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107		2.18	25	70 - 130
Dibromomethane	10.0	10.4	104		0.385	25	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108		6.27	25	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108		6.73	25	70 - 130
1,4-Dichlorobenzene	10.0	9.94	99.4		6.80	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.98	79.8		8.08	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	16.7	167	*	9.81	25	40 - 160
1,1-Dichloroethane	10.0	10.4	104		5.77	25	70 - 130
1,2-Dichloroethane	10.0	10.7	107		1.79	25	70 - 130
1,1-Dichloroethylene	10.0	10.2	102		9.18	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.52	95.2		7.09	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101		6.16	25	70 - 130
1,2-Dichloropropane	10.0	10.1	101		4.63	25	70 - 130
1,3-Dichloropropane	10.0	10.7	107		0.470	25	70 - 130
2,2-Dichloropropane	10.0	8.61	86.1		11.0	25	40 - 130
1,1-Dichloropropene	10.0	10.6	106		3.44	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.65	96.5	2.05	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.3	103	3.25	25	70 - 130
Diethyl Ether	10.0	9.93	99.3	5.27	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.3	113	3.21	25	70 - 130
1,4-Dioxane	100	93.7	93.7	1.84	50	40 - 130
Ethylbenzene	10.0	10.1	101	6.35	25	70 - 130
Hexachlorobutadiene	10.0	9.48	94.8	5.94	25	70 - 130
2-Hexanone (MBK)	100	111	111	11.4	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.6	106	7.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.4	104	8.59	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.7	117	4.64	25	70 - 130
Methylene Chloride	10.0	10.6	106	6.38	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	109	109	12.9	25	70 - 160
Naphthalene	10.0	9.04	90.4	8.90	25	40 - 130
n-Propylbenzene	10.0	10.6	106	7.45	25	70 - 130
Styrene	10.0	10.2	102	6.75	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2	102	4.23	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	8.59	25	70 - 130
Tetrachloroethylene	10.0	9.79	97.9	9.72	25	70 - 130
Tetrahydrofuran	10.0	9.74	97.4	10.6	25	70 - 130
Toluene	10.0	10.4	104	6.05	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.47	94.7	8.13	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.82	88.2	0.678	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.69	86.9	6.67	25	70 - 130
1,1,1-Trichloroethane	10.0	10.0	100	4.29	25	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	3.50	25	70 - 130
Trichloroethylene	10.0	10.1	101	6.86	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.85	98.5	8.18	25	70 - 130
1,2,3-Trichloropropane	10.0	10.9	109	7.24	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.2	112	5.74	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.97	99.7	6.31	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.75	97.5	7.12	25	70 - 130
Vinyl Chloride	10.0	10.1	101	7.45	25	40 - 160
m+p Xylene	20.0	20.4	102	7.04	25	70 - 130
o-Xylene	10.0	10.9	109	7.28	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048283-BLK1	Batch:	B048283

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
PW-4-CH0-March 2012	12C0539-08	VC081017.D	17:58
LCS Dup	B048283-BSD1	VC081006.D	12:26
TB31512-02	12C0539-01	VC081009.D	13:57
PW-1-CH0-March 2012	12C0539-02	VC081011.D	14:57
PW-1-CH6-March 2012	12C0539-03	VC081012.D	15:27
PW-3-CH2-March 2012	12C0539-04	VC081013.D	15:57
PW-3-CH0-March 2012	12C0539-05	VC081014.D	16:27
LCS	B048283-BS1	VC081005.D	11:53
PW-4-CH5-March 2012	12C0539-07	VC081016.D	17:28
EPA-MW-5A-March 2012	12C0539-16	VC081025.D	21:58
PW-6-CH5-March 2012	12C0539-09	VC081018.D	18:28
PW-6-CH3-March 2012	12C0539-10	VC081019.D	18:58
PW-6-CH0-March 2012	12C0539-11	VC081020.D	19:28
PW-6-CH4-March 2012	12C0539-12	VC081021.D	19:58
PW-9-CH4-March 2012	12C0539-13	VC081022.D	20:28
PW-9-CH01-March 2012	12C0539-14	VC081023.D	20:58
EPA-MW4A-March 2012	12C0539-15	VC081024.D	21:28
PW-3-CH5-March 2012	12C0539-06	VC081015.D	16:58

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048557-BLK1	Batch:	B048557

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B048557-BSD1	VC086032.D	21:24
LCS	B048557-BS1	VC086031.D	20:54
EPA-MW5B-March 2012	12C0539-17	VC086038.D	00:24

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC081002.D	Injection Date:	03/21/12
Instrument ID:	GCMSVOA3	Injection Time:	10:21
Sequence:	S002042	Lab Sample ID:	S002042-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	21.9	PASS
75	30 - 60% of 95	55.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.14	PASS
173	Less than 2% of 174	0.364	PASS
174	50 - 200% of 95	84.9	PASS
175	5 - 9% of 174	7.25	PASS
176	95 - 101% of 174	98.6	PASS
177	5 - 9% of 176	6.49	PASS

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Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S002042-CCV1	VC081003.D	03/21/2012	10:51:00
LCS	B048283-BS1	VC081005.D	03/21/2012	11:53:00
LCS Dup	B048283-BSD1	VC081006.D	03/21/2012	12:26:00
Blank	B048283-BLK1	VC081008.D	03/21/2012	13:27:00
TB31512-02	12C0539-01	VC081009.D	03/21/2012	13:57:00
PW-1-CH0-March 2012	12C0539-02	VC081011.D	03/21/2012	14:57:00
PW-1-CH6-March 2012	12C0539-03	VC081012.D	03/21/2012	15:27:00
PW-3-CH2-March 2012	12C0539-04	VC081013.D	03/21/2012	15:57:00
PW-3-CH0-March 2012	12C0539-05	VC081014.D	03/21/2012	16:27:00
PW-3-CH5-March 2012	12C0539-06	VC081015.D	03/21/2012	16:58:00
PW-4-CH5-March 2012	12C0539-07	VC081016.D	03/21/2012	17:28:00
PW-4-CH0-March 2012	12C0539-08	VC081017.D	03/21/2012	17:58:00
PW-6-CH5-March 2012	12C0539-09	VC081018.D	03/21/2012	18:28:00
PW-6-CH3-March 2012	12C0539-10	VC081019.D	03/21/2012	18:58:00
PW-6-CH0-March 2012	12C0539-11	VC081020.D	03/21/2012	19:28:00
PW-6-CH4-March 2012	12C0539-12	VC081021.D	03/21/2012	19:58:00
PW-9-CH4-March 2012	12C0539-13	VC081022.D	03/21/2012	20:28:00
PW-9-CH01-March 2012	12C0539-14	VC081023.D	03/21/2012	20:58:00
EPA-MW4A-March 2012	12C0539-15	VC081024.D	03/21/2012	21:28:00
EPA-MW-5A-March 2012	12C0539-16	VC081025.D	03/21/2012	21:58:00

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC086030.D	Injection Date:	03/26/12
Instrument ID:	GCMSVOA3	Injection Time:	20:24
Sequence:	S002043	Lab Sample ID:	S002043-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	16.8	PASS
75	30 - 60% of 95	36.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0.998	PASS
174	50 - 200% of 95	84.6	PASS
175	5 - 9% of 174	7.61	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 9% of 176	6.67	PASS

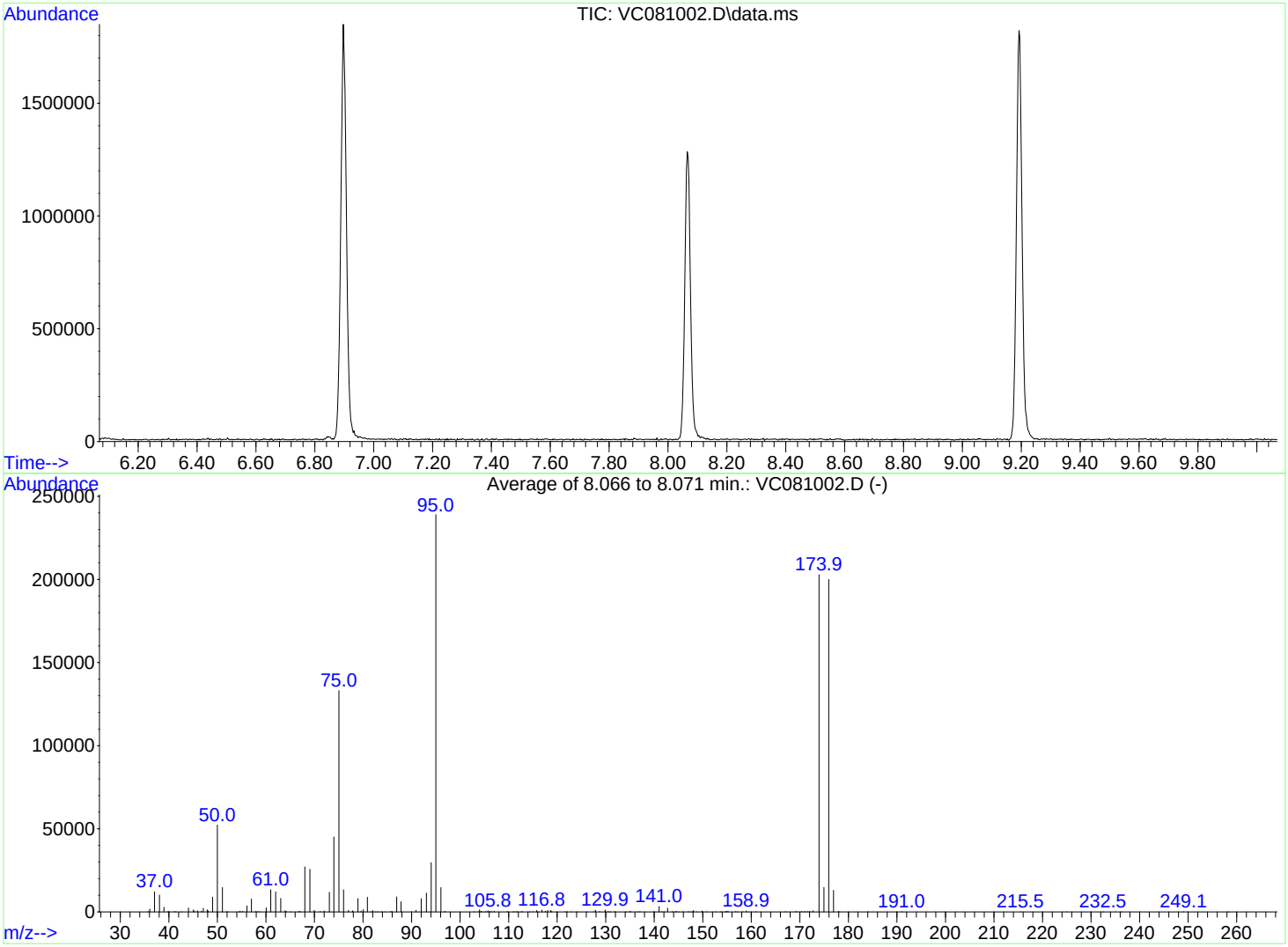
Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
LCS	B048557-BS1	VC086031.D	03/26/2012	20:54:00
Calibration Check	S002043-CCV1	VC086031.D	03/26/2012	20:54:00
LCS Dup	B048557-BSD1	VC086032.D	03/26/2012	21:24:00
Blank	B048557-BLK1	VC086034.D	03/26/2012	22:24:00
EPA-MW5B-March 2012	12C0539-17	VC086038.D	03/27/2012	0:24:00

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Data Path : X:\1\DATA\032112\
Data File : VC081002.D
Acq On : 21 Mar 2012 10:21 am
Operator :
Sample : S002042-TUN1 @ BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.066 to 8.071 min.

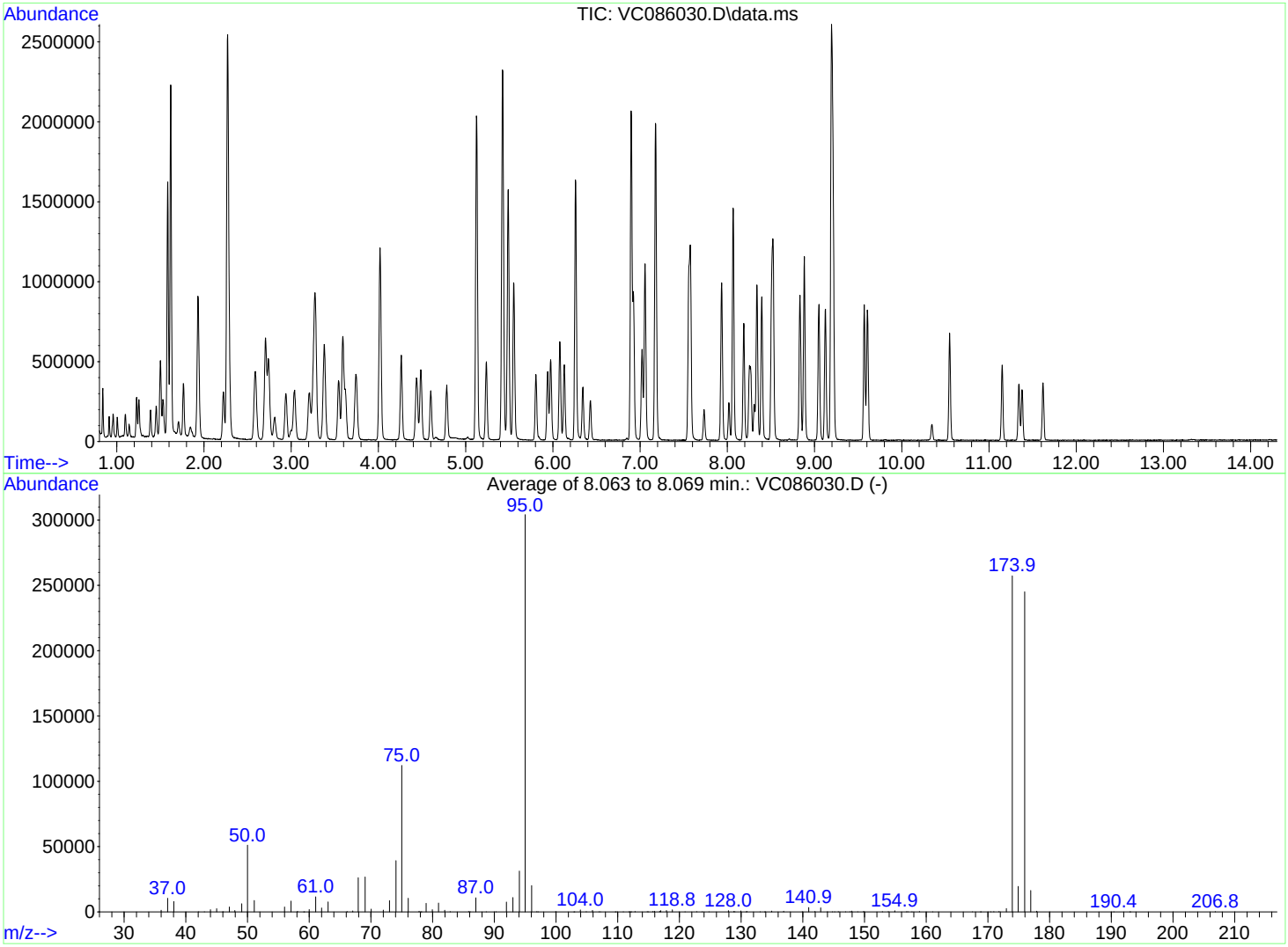
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.9	52258	PASS
75	95	30	60	55.7	133077	PASS
95	95	100	100	100.0	238976	PASS
96	95	5	9	6.1	14674	PASS
173	174	0.00	2	0.4	738	PASS
174	95	50	100	84.9	202922	PASS
175	174	5	9	7.2	14710	PASS
176	174	95	101	98.6	200000	PASS
177	176	5	9	6.5	12983	PASS

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Data Path : X:\1\DATA\032612\
Data File : VC086030.D
Acq On : 26 Mar 2012 8:24 pm
Operator :
Sample : S002043-TUN1 @ BFB/ 2CEVE 100 PPB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.069 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.8	51112	PASS
75	95	30	60	36.9	112152	PASS
95	95	100	100	100.0	304170	PASS
96	95	5	9	6.6	20167	PASS
173	174	0.00	2	1.0	2568	PASS
174	95	50	100	84.6	257322	PASS
175	174	5	9	7.6	19581	PASS
176	174	95	101	95.3	245141	PASS
177	176	5	9	6.7	16353	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.2903043	0.5	0.2083749	1	0.2124427	2	0.2165544	5	0.2151329	10	0.2360001
Ethyl Methacrylate	0.4	0.7573758	0.5	0.7609725	1	0.7141469	2	0.7110855	5	0.7812148	10	0.8687584
Acetone	4		5		10	0.1651635	20	0.1245814	50	0.1207165	100	0.126086
Acrolein	4		5		10	7.232025E-03	20	4.643742E-03	50	3.382906E-03	100	3.939144E-03
Acrylonitrile	0.4		0.5		1		2	0.1835514	5	0.1580429	10	0.1650856
tert-Amyl Methyl Ether (TAME)	0.4	1.321906	0.5	1.508711	1	1.435437	2	1.246309	5	1.385337	10	1.436783
Benzene	0.4	2.381957	0.5	2.345241	1	2.229962	2	2.204431	5	2.290317	10	2.30989
Bromobenzene	0.4	1.403531	0.5	1.427368	1	1.363238	2	1.207194	5	1.330497	10	1.326789
Bromochloromethane	0.4	0.5364846	0.5	0.5863102	1	0.4972677	2	0.5049313	5	0.5011963	10	0.473137
Bromodichloromethane	0.4	0.5780941	0.5	0.6144081	1	0.52558	2	0.5205554	5	0.5553323	10	0.5932004
Bromoform	0.4		0.5	0.3493495	1	0.2995442	2	0.2937716	5	0.3066125	10	0.3245336
Bromomethane	0.4		0.5	1.045951	1	0.7768122	2	0.5897827	5	0.5063256	10	0.4154887
2-Butanone (MEK)	4	0.2024736	5	0.2123684	10	0.1953409	20	0.1733132	50	0.1890619	100	0.1923685
tert-Butyl Alcohol (TBA)	4	4.119436E-02	5	3.826677E-02	10	0.0419434	20	3.140708E-02	50	0.035178	100	3.125043E-02
n-Butylbenzene	0.4	2.058122	0.5	2.146013	1	1.901807	2	1.994156	5	2.211884	10	2.357212
sec-Butylbenzene	0.4	2.795314	0.5	2.992183	1	2.624701	2	2.597588	5	2.8882	10	2.976986
tert-Butylbenzene	0.4	2.071426	0.5	2.255516	1	1.89567	2	1.870447	5	2.057676	10	2.109275
tert-Butyl Ethyl Ether (TBEE)	0.4	1.79133	0.5	1.732926	1	1.795748	2	1.697988	5	1.682182	10	1.800223
Carbon Disulfide	4	1.651461	5	1.81918	10	1.751147	20	1.7221	50	1.778229	100	1.775496
Carbon Tetrachloride	0.4	0.8012433	0.5	0.8660008	1	0.694814	2	0.6552622	5	0.6520004	10	0.687082
Chlorobenzene	0.4	1.85842	0.5	2.092881	1	1.676624	2	1.718219	5	1.712174	10	1.770365
Chlorodibromomethane	0.4	0.4283156	0.5	0.37909	1	0.3226681	2	0.3014279	5	0.3599058	10	0.3540249
Chloroethane	0.4	0.3715911	0.5	0.3457993	1	0.4083484	2	0.3523748	5	0.3489156	10	0.3417988
2-Chloroethyl Vinyl Ether	4	0.1883966	5	0.205726	10	0.194479	20	0.2002195	50	0.214717	100	0.2262224
Chloroform	0.4	1.127111	0.5	1.204403	1	1.031487	2	1.13321	5	1.136721	10	1.19474
Chloromethane	0.4	0.5042607	0.5	0.5319901	1	0.5216677	2	0.5049313	5	0.5009298	10	0.4676655

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.113478	0.5	2.26434	1	1.970181	2	2.052088	5	2.116964	10	2.277897
4-Chlorotoluene	0.4	2.333291	0.5	2.688936	1	2.420302	2	2.440907	5	2.557727	10	2.577641
Cyclohexane	0.4		0.5		1		2		5	1.027007	10	0.9460847
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	0.1488161	2	0.1288496	5	0.113611	10	0.1246435
1,2-Dibromoethane (EDB)	0.4	0.3546988	0.5	0.3918446	1	0.3681256	2	0.353376	5	0.3504669	10	0.3618502
Dibromomethane	0.4	0.3262324	0.5	0.3511658	1	0.3006018	2	0.2763582	5	0.2548495	10	0.2629345
1,2-Dichlorobenzene	0.4	1.559675	0.5	1.599092	1	1.380038	2	1.407746	5	1.435595	10	1.451255
1,3-Dichlorobenzene	0.4	1.421531	0.5	1.556236	1	1.381572	2	1.398895	5	1.437155	10	1.506806
1,4-Dichlorobenzene	0.4	1.913418	0.5	1.906172	1	1.679131	2	1.453396	5	1.617735	10	1.702644
trans-1,4-Dichloro-2-butene	0.4		0.5		1	0.2188804	2	0.1933467	5	0.1886097	10	0.2154989
Dichlorodifluoromethane (Freon	0.4	0.7244575	0.5	1.008851	1	0.8030305	2	0.8299383	5	0.8060797	10	0.7724941
1,1-Dichloroethane	0.4	1.075727	0.5	1.102467	1	1.25185	2	1.060834	5	1.096952	10	1.126967
1,2-Dichloroethane	0.4	0.8390989	0.5	0.8763674	1	0.7709971	2	0.7545278	5	0.7682706	10	0.7997537
1,1-Dichloroethylene	0.4	1.17864	0.5	1.183138	1	1.046737	2	0.9746637	5	0.9618799	10	1.011487
cis-1,2-Dichloroethylene	0.4	1.241927	0.5	1.25202	1	1.153898	2	1.093065	5	1.154584	10	1.158237
trans-1,2-Dichloroethylene	0.4	1.058019	0.5	1.026996	1	0.9929518	2	0.9488071	5	0.9083995	10	0.9627385
Dichlorofluoromethane (Freon 2	0.4	1.245846	0.5	1.322521	1	1.204927	2	1.178109	5	1.167852	10	1.153901
1,2-Dichloropropane	0.4	0.3717598	0.5	0.4837681	1	0.3959829	2	0.371086	5	0.3756468	10	0.374608
1,3-Dichloropropane	0.4	0.5930813	0.5	0.6837658	1	0.6160785	2	0.5929891	5	0.5839958	10	0.5801595
2,2-Dichloropropane	0.4	0.9646853	0.5	0.6685993	1	0.7355785	2	0.6698254	5	0.6727064	10	0.7107491
1,1-Dichloropropene	0.4	0.8777388	0.5	1.120496	1	0.9318344	2	0.912509	5	0.8446051	10	0.8478482
cis-1,3-Dichloropropene	0.4	0.4965595	0.5	0.5601446	1	0.4661561	2	0.533538	5	0.5667659	10	0.6206288
trans-1,3-Dichloropropene	0.4	0.4658309	0.5	0.4793153	1	0.4013575	2	0.3823495	5	0.4288182	10	0.493762
Diethyl Ether	0.4	0.4723271	0.5	0.527136	1	0.4270003	2	0.4530259	5	0.4335715	10	0.4176483
Difluorochloromethane (Freon 2	0.4	0.8339027	0.5	0.8982462	1	0.829542	2	0.79386	5	0.7893928	10	0.7929384
Diisopropyl Ether (DIPE)	0.4	1.688417	0.5	1.867571	1	1.505411	2	1.426755	5	1.566229	10	1.554718

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	2.682779E-03	100	2.175544E-03
Ethyl Acetate	0.4		0.5		1	0.6550467	2	0.5843696	5	0.4636479	10	0.5124561
Ethylbenzene	0.4	3.035214	0.5	3.363582	1	3.074561	2	3.131792	5	3.280662	10	3.34211
Hexachlorobutadiene	0.4		0.5	0.4164347	1	0.3798939	2	0.3727617	5	0.3492895	10	0.3636269
2-Hexanone (MBK)	4	0.1640777	5	0.1961412	10	0.1918749	20	0.1862951	50	0.1983507	100	0.2048074
Iodomethane	4	0.6147365	5	0.6435774	10	0.6378845	20	0.719453	50	0.8454788	100	0.9232614
Isopropylbenzene (Cumene)	0.4	2.669069	0.5	2.749005	1	2.602037	2	2.532827	5	2.86932	10	2.945984
p-Isopropyltoluene (p-Cymene)	0.4	2.321652	0.5	2.480136	1	2.285427	2	2.269183	5	2.406994	10	2.530739
Methyl Acetate	0.4	0.7376664	0.5	0.6759961	1	0.7334669	2	0.662269	5	0.6002298	10	0.6435827
Methyl tert-Butyl Ether (MTBE)	0.4	1.4823	0.5	1.395795	1	1.412914	2	1.276562	5	1.346046	10	1.375589
Methyl Cyclohexane	0.4	0.5019323	0.5	0.5036924	1	0.4937107	2	0.4318443	5	0.4350048	10	0.4532927
Methylene Chloride	0.4		0.5		1		2		5	0.9425395	10	0.8438072
4-Methyl-2-pentanone (MIBK)	4	0.2585446	5	0.2864194	10	0.2912794	20	0.2708321	50	0.2891048	100	0.2934962
Naphthalene	0.4		0.5		1		2		5	1.238186	10	1.547147
n-Propylbenzene	0.4	2.782201	0.5	3.056679	1	3.011729	2	2.924107	5	3.154439	10	3.221642
Styrene	0.4	1.724675	0.5	1.964769	1	1.877607	2	1.859956	5	2.003564	10	2.14121
1,1,1,2-Tetrachloroethane	0.4	0.5167259	0.5	0.4662709	1	0.5323943	2	0.451274	5	0.5402801	10	0.5479678
1,1,2,2-Tetrachloroethane	0.4	0.6843	0.5	0.7528507	1	0.6592162	2	0.6368443	5	0.6897625	10	0.7278853
Tetrachloroethylene	0.4	0.4207748	0.5	0.5088999	1	0.4031743	2	0.4026022	5	0.4009497	10	0.3806294
Tetrahydrofuran	0.4		0.5		1	0.1378366	2	0.1022997	5	0.1016426	10	0.1006744
Toluene	0.4	1.901593	0.5	1.716056	1	1.632455	2	1.607615	5	1.65147	10	1.67919
1,2,3-Trichlorobenzene	0.4	0.4831384	0.5	0.5244595	1	0.5466819	2	0.5633298	5	0.5935497	10	0.6615271
1,2,4-Trichlorobenzene	0.4	0.5921225	0.5	0.7465679	1	0.7702348	2	0.7804507	5	0.7823349	10	0.8522097
1,3,5-Trichlorobenzene	0.4	0.9201683	0.5	1.115862	1	1.045804	2	0.9434106	5	0.9947896	10	1.069038
1,1,1-Trichloroethane	0.4	1.2068	0.5	1.065829	1	1.013833	2	0.9020125	5	0.9579718	10	0.9600779
1,1,2-Trichloroethane	0.4	0.3355641	0.5	0.3619582	1	0.3478003	2	0.3626339	5	0.3001431	10	0.3440509

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.5486851	0.5	0.5245978	1	0.4011304	2	0.3959767	5	0.4066448	10	0.4047695
Trichlorofluoromethane (Freon 1	0.4	1.074421	0.5	1.113331	1	1.029376	2	1.084767	5	1.05665	10	1.029448
1,2,3-Trichloropropane	0.4	0.7518016	0.5	0.6914959	1	0.6044317	2	0.5717474	5	0.5993789	10	0.5932522
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.5004867	0.5	0.5778732	1	0.5421379	2	0.5530449	5	0.5000749	10	0.4857832
1,2,4-Trimethylbenzene	0.4	2.995786	0.5	2.913565	1	2.717191	2	2.768275	5	3.056924	10	3.081519
1,3,5-Trimethylbenzene	0.4	2.419203	0.5	2.542173	1	2.507918	2	2.444674	5	2.663747	10	2.699646
Vinyl Acetate	4	0.8903671	5	0.9310462	10	0.9166313	20	0.9528106	50	1.037498	100	0.9894637
Vinyl Chloride	0.4	0.7678581	0.5	0.661087	1	0.6831419	2	0.7072776	5	0.7344136	10	0.7033517
m+p Xylene	0.8	2.400557	1	2.827917	2	2.508755	4	2.403803	10	2.571043	20	2.628477
o-Xylene	0.4	2.4395	0.5	2.63144	1	2.422426	2	2.249809	5	2.445545	10	2.555553
1,2-Dichloroethane-d4	25	0.7621217	25	0.7667869	25	0.7722817	25	0.7664823	25	0.7588944	25	0.7617281
Toluene-d8	25	1.200368	25	1.192945	25	1.198863	25	1.198792	25	1.163596	25	1.181896
4-Bromofluorobenzene	25	0.8948057	25	0.9046814	25	0.8908508	25	0.9115443	25	0.9003434	25	0.9040386

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.2547245	50	0.268436	100	0.2853042	200	0.2900716				
Ethyl Methacrylate	20	0.9701445	50	0.9495447	100	0.9979203	200	0.9555658				
Acetone	200	0.1316109	500	0.1238461	1000	0.129926	2000	0.1280231				
Acrolein	200	3.341492E-03	500	3.79644E-03	1000	2.901649E-03	2000	3.224527E-03				
Acrylonitrile	20	0.1671034	50	0.1605672	100	0.1728503	200	0.162528				
tert-Amyl Methyl Ether (TAME)	20	1.580985	50	1.527904	100	1.576336	200	1.569655				
Benzene	20	2.478936	50	2.390041	100	2.374635	200	2.444336				
Bromobenzene	20	1.392085	50	1.32756	100	1.311146	200	1.340987				
Bromochloromethane	20	0.5244853	50	0.5178524	100	0.5148017	200	0.4990026				
Bromodichloromethane	20	0.660105	50	0.6465951	100	0.6641987	200	0.6926915				
Bromoform	20	0.3761021	50	0.4147805	100		200					
Bromomethane	20	0.4015976	50	0.4074847	100	0.4216571	200					
2-Butanone (MEK)	200	0.2079389	500	0.1953335	1000	0.211909	2000	0.2000564				
tert-Butyl Alcohol (TBA)	200	3.543466E-02	500	3.439978E-02	1000	0.0394012	2000	3.871648E-02				
n-Butylbenzene	20	2.400267	50	2.316806	100	2.231679	200	2.324036				
sec-Butylbenzene	20	3.108	50	2.930198	100	2.834486	200	2.981727				
tert-Butylbenzene	20	2.130656	50	2.074317	100	1.964327	200	2.080606				
tert-Butyl Ethyl Ether (TBEE)	20	1.937426	50	1.854877	100	1.945273	200	1.942289				
Carbon Disulfide	200	1.913518	500		1000		2000					
Carbon Tetrachloride	20	0.7845053	50	0.8431751	100	0.8823602	200	0.9689135				
Chlorobenzene	20	1.82409	50	1.77784	100	1.739118	200	1.783021				
Chlorodibromomethane	20	0.4466219	50	0.4524914	100		200					
Chloroethane	20	0.371313	50	0.3537277	100	0.332526	200	0.3293323				
2-Chloroethyl Vinyl Ether	200	0.2414144	500	0.2253857	1000	0.2320554	2000	0.2240027				
Chloroform	20	1.243985	50	1.231386	100	1.222361	200	1.245489				
Chloromethane	20	0.4804624	50	0.46568	100	0.4698059	200	0.5156348				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.297477	50	2.199251	100	2.159841	200	2.226158				
4-Chlorotoluene	20	2.705338	50	2.617823	100	2.550185	200	2.629942				
Cyclohexane	20	0.9702093	50	0.9441926	100	0.8905579	200	0.9306181				
1,2-Dibromo-3-chloropropane (D	20	0.1309162	50	0.1325998	100	0.1507501	200	0.1489976				
1,2-Dibromoethane (EDB)	20	0.3864042	50	0.3667184	100	0.3721214	200	0.3710114				
Dibromomethane	20	0.2845176	50	0.2772245	100	0.2813159	200	0.2805287				
1,2-Dichlorobenzene	20	1.540442	50	1.436997	100	1.40423	200	1.440017				
1,3-Dichlorobenzene	20	1.558823	50	1.490363	100	1.461402	200	1.511414				
1,4-Dichlorobenzene	20	1.787563	50	1.620484	100	1.611888	200	1.65326				
trans-1,4-Dichloro-2-butene	20	0.2429707	50	0.2640578	100		200					
Dichlorodifluoromethane (Freon	20	0.7476839	50	0.7418655	100	0.6413952	200	0.6110387				
1,1-Dichloroethane	20	1.222812	50	1.19411	100	1.167228	200	1.217964				
1,2-Dichloroethane	20	0.8482057	50	0.8023895	100	0.8015192	200	0.8004237				
1,1-Dichloroethylene	20	1.055522	50	1.018976	100	0.9942689	200	1.030713				
cis-1,2-Dichloroethylene	20	1.275138	50	1.225421	100	1.209507	200	1.239282				
trans-1,2-Dichloroethylene	20	1.005782	50	0.9785065	100	0.9552266	200	0.9864483				
Dichlorofluoromethane (Freon 2	20	1.249805	50	1.206283	100	1.151069	200	1.182829				
1,2-Dichloropropane	20	0.4305419	50	0.3933258	100	0.4026078	200	0.4158198				
1,3-Dichloropropane	20	0.6187859	50	0.5932952	100	0.5961074	200	0.5996884				
2,2-Dichloropropane	20	0.8228171	50	0.8291607	100	0.8832061	200	0.948609				
1,1-Dichloropropene	20	0.9108283	50	0.9045673	100	0.8820533	200	0.9219753				
cis-1,3-Dichloropropene	20	0.6553664	50	0.6688774	100	0.6871562	200	0.7198889				
trans-1,3-Dichloropropene	20	0.5610984	50	0.5790323	100		200					
Diethyl Ether	20	0.4562859	50	0.4477496	100	0.4479275	200	0.4453573				
Difluorochloromethane (Freon 2	20	0.8191632	50	0.7996802	100	0.7495456	200	0.7503273				
Diisopropyl Ether (DIPE)	20	1.721234	50	1.645995	100	1.629551	200	1.641674				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	2.147165E-03	500	1.901808E-03	1000	2.101692E-03	2000	2.145717E-03				
Ethyl Acetate	20	0.5091675	50	0.5036776	100	0.5284118	200	0.5268121				
Ethylbenzene	20	3.457277	50	3.307015	100	3.240614	200	3.316919				
Hexachlorobutadiene	20	0.3672543	50	0.364309	100	0.3444557	200	0.3708763				
2-Hexanone (MBK)	200	0.2209473	500	0.2030452	1000	0.2172197	2000	0.2021379				
Iodomethane	200	1.044933	500	1.050704	1000		2000					
Isopropylbenzene (Cumene)	20	3.038186	50	2.91564	100	2.867094	200	2.975727				
p-Isopropyltoluene (p-Cymene)	20	2.585897	50	2.47244	100	2.387578	200	2.498522				
Methyl Acetate	20	0.6360026	50	0.5267778	100	0.5259145	200	0.5559197				
Methyl tert-Butyl Ether (MTBE)	20	1.494663	50	1.417397	100	1.499165	200	1.494325				
Methyl Cyclohexane	20	0.4667857	50	0.4622082	100	0.4438351	200	0.4721718				
Methylene Chloride	20	0.8285484	50	0.7663489	100	0.7458906	200	0.7559828				
4-Methyl-2-pentanone (MIBK)	200	0.3212925	500	0.2932147	1000	0.3081865	2000					
Naphthalene	20	1.651636	50	1.618541	100	1.771777	200	1.704748				
n-Propylbenzene	20	3.40855	50	3.279009	100	3.224711	200	3.329921				
Styrene	20	2.262761	50	2.205573	100	2.194877	200	2.257157				
1,1,1,2-Tetrachloroethane	20	0.610342	50	0.624253	100	0.6592699	200	0.691652				
1,1,2,2-Tetrachloroethane	20	0.7394006	50	0.699046	100	0.7250587	200	0.7063296				
Tetrachloroethylene	20	0.4170312	50	0.4082732	100	0.4015847	200	0.4188812				
Tetrahydrofuran	20	0.109745	50	0.1034939	100	0.115891	200	0.1114794				
Toluene	20	1.747061	50	1.679426	100	1.665353	200	1.706132				
1,2,3-Trichlorobenzene	20	0.7315392	50	0.669739	100	0.7184371	200	0.7038186				
1,2,4-Trichlorobenzene	20	0.9060122	50	0.8737155	100	0.9091843	200	0.9088596				
1,3,5-Trichlorobenzene	20	1.108793	50	1.06343	100	1.035676	200	1.069145				
1,1,1-Trichloroethane	20	1.085634	50	1.10046	100	1.120504	200	1.1744				
1,1,2-Trichloroethane	20	0.3724674	50	0.3461654	100	0.3516476	200	0.3516699				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200036 Instrument: GCMSVOA3

Calibration Date: 3/13/2012 11:56:30AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.4345382	50	0.4288798	100	0.4189748	200	0.4350029				
Trichlorofluoromethane (Freon 1	20	1.095482	50	1.087725	100	1.027276	200	1.047545				
1,2,3-Trichloropropane	20	0.6295552	50	0.5972909	100	0.6283283	200	0.6018742				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.5099731	50	0.5240026	100	0.4819957	200	0.4998861				
1,2,4-Trimethylbenzene	20	3.294198	50	3.08743	100	3.007549	200	3.087984				
1,3,5-Trimethylbenzene	20	2.890586	50	2.767088	100	2.710586	200	2.802829				
Vinyl Acetate	200	1.181005	500	1.133268	1000		2000					
Vinyl Chloride	20	0.7491858	50	0.7167403	100	0.6931721	200	0.7133712				
m+p Xylene	40	2.739859	100	2.594663	200	2.551711	400					
o-Xylene	20	2.687168	50	2.587767	100	2.529037	200	2.643258				
1,2-Dichloroethane-d4	25	0.7554498	25	0.7835302	25	0.8056192	25	0.7824499				
Toluene-d8	25	1.191175	25	1.178309	25	1.180536	25	1.168328				
4-Bromofluorobenzene	25	0.911728	25	0.8996547	25	0.9243835	25	0.9128803				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2477346	13.8			15	
Ethyl Methacrylate	0.8466729	13.4			15	
Acetone	0.1312442	10.8			15	
Acrolein	4.057741E-03	34.2	0.9948588		0.99	
Acrylonitrile	0.1671041	5.2			15	
tert-Amyl Methyl Ether (TAME)	1.458936	7.9			15	
Benzene	2.344975	3.7			15	
Bromobenzene	1.343039	4.6			15	
Bromochloromethane	0.5155469	5.9			15	
Bromodichloromethane	0.6050761	10.0			15	
Bromoform	0.3378134	13.3			15	
Bromomethane	0.5706374	40.5	0.9993822		0.99	
2-Butanone (MEK)	0.1980164	6.0			15	
tert-Butyl Alcohol (TBA)	3.671922E-02	10.3			15	
n-Butylbenzene	2.194198	7.6			15	
sec-Butylbenzene	2.872938	5.7			15	
tert-Butylbenzene	2.050992	5.6			15	
tert-Butyl Ethyl Ether (TBEE)	1.818026	5.5			15	
Carbon Disulfide	1.773019	4.6			15	
Carbon Tetrachloride	0.7835357	13.8			15	
Chlorobenzene	1.795275	6.6			15	
Chlorodibromomethane	0.3805682	14.9			15	
Chloroethane	0.3555727	6.5			15	
2-Chloroethyl Vinyl Ether	0.2152619	8.1			15	
Chloroform	1.177089	5.8			15	
Chloromethane	0.4963028	4.8			15	
2-Chlorotoluene	2.167767	4.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.552209	4.7			15	
Cyclohexane	0.9514449	4.8			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.134898	9.9			15	
1,2-Dibromoethane (EDB)	0.3676618	3.7			15	
Dibromomethane	0.2895729	10.1			15	
1,2-Dichlorobenzene	1.465509	5.0			15	
1,3-Dichlorobenzene	1.47242	4.2			15	
1,4-Dichlorobenzene	1.694569	8.3			15	
trans-1,4-Dichloro-2-butene	0.2205607	13.1			15	
Dichlorodifluoromethane (Freon 12)	0.7686834	14.3			15	
1,1-Dichloroethane	1.151691	5.9			15	
1,2-Dichloroethane	0.8061554	4.8			15	
1,1-Dichloroethylene	1.045603	7.4			15	
cis-1,2-Dichloroethylene	1.200308	4.8			15	
trans-1,2-Dichloroethylene	0.9823875	4.3			15	
Dichlorofluoromethane (Freon 21)	1.206314	4.4			15	
1,2-Dichloropropane	0.4015147	8.8			15	
1,3-Dichloropropane	0.6057947	5.0			15	
2,2-Dichloropropane	0.7905937	14.6			15	
1,1-Dichloropropene	0.9154456	8.5			15	
cis-1,3-Dichloropropene	0.5975082	14.3			15	
trans-1,3-Dichloropropene	0.4739455	14.9			15	
Diethyl Ether	0.4528029	6.7			15	
Difluorochloromethane (Freon 22)	0.8056598	5.4			15	
Diisopropyl Ether (DIPE)	1.624756	7.5			15	
1,4-Dioxane	2.192451E-03	11.9			15	
Ethyl Acetate	0.5354487	11.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.254975	4.1			15	
Hexachlorobutadiene	0.369878	5.6			15	
2-Hexanone (MBK)	0.1984897	8.1			15	
Iodomethane	0.8100036	22.4	0.9994408		0.99	
Isopropylbenzene (Cumene)	2.816489	6.0			15	
p-Isopropyltoluene (p-Cymene)	2.423857	4.4			15	
Methyl Acetate	0.6297826	12.2			15	
Methyl tert-Butyl Ether (MTBE)	1.419476	5.2			15	
Methyl Cyclohexane	0.4664478	5.7			15	
Methylene Chloride	0.8138529	9.2			15	
4-Methyl-2-pentanone (MIBK)	0.2902634	6.3			15	
Naphthalene	1.588673	11.8			15	
n-Propylbenzene	3.139299	6.2			15	
Styrene	2.049215	9.2			15	
1,1,1,2-Tetrachloroethane	0.564043	14.2			15	
1,1,2,2-Tetrachloroethane	0.7020694	5.1			15	
Tetrachloroethylene	0.4162801	8.3			15	
Tetrahydrofuran	0.1103828	11.2			15	
Toluene	1.698635	4.8			15	
1,2,3-Trichlorobenzene	0.619622	14.3			15	
1,2,4-Trichlorobenzene	0.8121692	12.3			15	
1,3,5-Trichlorobenzene	1.036612	6.3			15	
1,1,1-Trichloroethane	1.058752	9.3			15	
1,1,2-Trichloroethane	0.3474101	5.7			15	
Trichloroethylene	0.43992	12.1			15	
Trichlorofluoromethane (Freon 11)	1.064602	2.9			15	
1,2,3-Trichloropropane	0.6269156	8.7			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200036	Instrument:	GCMSVOA3
		Calibration Date:	3/13/2012 11:56:30AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5175258	6.0			15	
1,2,4-Trimethylbenzene	3.001042	5.6			15	
1,3,5-Trimethylbenzene	2.644845	6.0			15	
Vinyl Acetate	1.004011	10.5			15	
Vinyl Chloride	0.7129599	4.4			15	
m+p Xylene	2.580754	5.5			15	
o-Xylene	2.51915	5.2			15	
1,2-Dichloroethane-d4	0.7715344	2.0			15	
Toluene-d8	1.185481	1.1			15	
4-Bromofluorobenzene	0.9054911	1.1			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4		0.5		1		2		5	0.255207	10	0.2562633
Ethyl Methacrylate	0.4	0.5335834	0.5	0.4846244	1	0.4667511	2	0.4669007	5	0.5410775	10	0.5188374
Acetone	4		5	0.118444	10	0.0923742	20	0.1013782	50	0.1086334	100	0.1026794
Acrolein	4	5.559494E-02	5	4.894834E-02	10	5.167108E-02	20	4.850347E-02	50	5.497581E-02	100	5.347363E-02
Acrylonitrile	0.4	0.3176682	0.5	0.2684992	1	0.2464786	2	0.2135965	5	0.2306932	10	0.2280664
tert-Amyl Methyl Ether (TAME)	0.4	1.59816	0.5	1.543257	1	1.337745	2	1.51012	5	1.644812	10	1.638699
Benzene	0.4	2.412626	0.5	2.619904	1	2.357944	2	2.479273	5	2.718464	10	2.674683
Bromobenzene	0.4	1.512642	0.5	1.537011	1	1.317657	2	1.423723	5	1.548981	10	1.524256
Bromochloromethane	0.4	0.6930508	0.5	0.696429	1	0.6065798	2	0.6756422	5	0.7068405	10	0.6879045
Bromodichloromethane	0.4	0.5397666	0.5	0.4617473	1	0.4570995	2	0.4719035	5	0.5256021	10	0.5562757
Bromoform	0.4	0.3183268	0.5	0.3014075	1	0.273832	2	0.3069704	5	0.3496367	10	0.3778788
Bromomethane	0.4		0.5	0.6435145	1	0.4018381	2	0.3476099	5	0.2473896	10	0.1999056
2-Butanone (MEK)	4	0.3051076	5	0.2619413	10	0.2375014	20	0.2525352	50	0.2901411	100	0.2662
tert-Butyl Alcohol (TBA)	4		5		10	2.941299E-02	20	2.802977E-02	50	3.239749E-02	100	2.717154E-02
n-Butylbenzene	0.4		0.5	1.702183	1	1.53656	2	1.999825	5	2.317035	10	2.379614
sec-Butylbenzene	0.4	2.739028	0.5	2.962551	1	2.63794	2	2.87251	5	3.122372	10	3.179524
tert-Butylbenzene	0.4	2.080162	0.5	2.431758	1	1.988441	2	2.204368	5	2.316207	10	2.301416
tert-Butyl Ethyl Ether (TBEE)	0.4	1.891282	0.5	1.797521	1	1.684094	2	1.766716	5	2.035328	10	1.988942
Carbon Disulfide	4	0.9589199	5	1.132036	10	0.9338059	20	1.018527	50	1.029866	100	1.027595
Carbon Tetrachloride	0.4		0.5		1		2	0.6928012	5	0.7473743	10	0.7828302
Chlorobenzene	0.4	2.198223	0.5	2.521201	1	2.118267	2	2.287767	5	2.470318	10	2.433124
Chlorodibromomethane	0.4	0.3414476	0.5	0.3471761	1	0.2988928	2	0.3146791	5	0.3705839	10	0.4111664
Chloroethane	0.4		0.5		1	0.2117139	2	0.234727	5	0.2139153	10	0.2008357
2-Chloroethyl Vinyl Ether	4	0.2155097	5	0.1966197	10	0.1768705	20	0.2073275	50	0.2213767	100	0.2131915
Chloroform	0.4	1.1574	0.5	1.101387	1	1.049434	2	1.09479	5	1.210248	10	1.197392
Chloromethane	0.4		0.5		1	0.3079781	2	0.386434	5	0.3278358	10	0.3250697

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.361513	0.5	2.58798	1	2.300129	2	2.458864	5	2.681891	10	2.656688
4-Chlorotoluene	0.4	2.800981	0.5	2.8099	1	2.616386	2	2.805802	5	3.027142	10	3.023134
Cyclohexane	0.4		0.5		1		2		5	1.162889	10	1.095819
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	5.098118E-02	2	6.509278E-02	5	9.122763E-02	10	8.990188E-02
1,2-Dibromoethane (EDB)	0.4	0.409386	0.5	0.3915701	1	0.3682677	2	0.3810148	5	0.4332592	10	0.4326606
Dibromomethane	0.4	0.3006846	0.5	0.30136	1	0.2455015	2	0.2691443	5	0.2947803	10	0.2878836
1,2-Dichlorobenzene	0.4	1.498541	0.5	1.544341	1	1.487915	2	1.546596	5	1.716052	10	1.720615
1,3-Dichlorobenzene	0.4	1.478515	0.5	1.703721	1	1.529377	2	1.61411	5	1.76961	10	1.743383
1,4-Dichlorobenzene	0.4	1.839847	0.5	1.910785	1	1.667429	2	1.796148	5	1.894709	10	1.902218
trans-1,4-Dichloro-2-butene	0.4	0.2116284	0.5	0.2412219	1	0.1425232	2	0.2098871	5	0.2243365	10	0.2361644
Dichlorodifluoromethane (Freon	0.4		0.5		1	0.4010687	2	0.5313945	5	0.4318443	10	0.3780298
1,1-Dichloroethane	0.4	1.157759	0.5	1.264351	1	1.103432	2	1.142703	5	1.253257	10	1.228924
1,2-Dichloroethane	0.4	0.6180102	0.5	0.6560793	1	0.563882	2	0.5858969	5	0.6529581	10	0.6456515
1,1-Dichloroethylene	0.4	0.5557099	0.5	0.6670757	1	0.5596979	2	0.5746994	5	0.601691	10	0.6125766
cis-1,2-Dichloroethylene	0.4	1.075857	0.5	1.266806	1	1.041452	2	1.143696	5	1.238934	10	1.221726
trans-1,2-Dichloroethylene	0.4	0.9498915	0.5	1.013621	1	0.8942184	2	0.9431088	5	1.032496	10	1.021628
Dichlorofluoromethane (Freon 2	0.4	0.7207106	0.5	0.836029	1	0.6512979	2	0.6998786	5	0.7397239	10	0.7389791
1,2-Dichloropropane	0.4	0.4699962	0.5	0.464035	1	0.4143742	2	0.4418212	5	0.4787697	10	0.4612723
1,3-Dichloropropane	0.4	0.6025905	0.5	0.604884	1	0.5819865	2	0.6294405	5	0.6643002	10	0.6423944
2,2-Dichloropropane	0.4	0.8064439	0.5	0.787434	1	0.7192407	2	0.7554545	5	0.830245	10	0.8395309
1,1-Dichloropropene	0.4	0.8168612	0.5	0.8649896	1	0.7783359	2	0.7966717	5	0.8878623	10	0.8874512
cis-1,3-Dichloropropene	0.4	0.6035065	0.5	0.5789771	1	0.5609005	2	0.607537	5	0.6851598	10	0.7091602
trans-1,3-Dichloropropene	0.4	0.4919044	0.5	0.4642205	1	0.4369048	2	0.4672463	5	0.5408324	10	0.5641639
Diethyl Ether	0.4	0.4243559	0.5	0.3760952	1	0.3297121	2	0.3173398	5	0.3220089	10	0.3007203
Difluorochloromethane (Freon 2	0.4		0.5		1	0.6365842	2	0.7723844	5	0.7289767	10	0.6543704
Diisopropyl Ether (DIPE)	0.4	2.27301	0.5	2.529979	1	2.046504	2	2.231816	5	2.439974	10	2.360562

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	2.532805E-03	100	2.691532E-03
Ethyl Acetate	0.4		0.5	0.9633575	1	0.6733685	2	0.6845017	5	0.7880304	10	0.6963866
Ethylbenzene	0.4	3.580587	0.5	4.024522	1	3.580524	2	3.899826	5	4.167349	10	4.192571
Hexachlorobutadiene	0.4		0.5		1		2	0.3179624	5	0.372293	10	0.3898699
2-Hexanone (MBK)	4	0.2594101	5	0.2233242	10	0.1998377	20	0.2373884	50	0.2758249	100	0.2560025
Iodomethane	4		5		10		20	0.5092584	50	0.6045739	100	0.6662291
Isopropylbenzene (Cumene)	0.4	3.126971	0.5	3.54028	1	3.074513	2	3.276211	5	3.63217	10	3.594218
p-Isopropyltoluene (p-Cymene)	0.4	2.27971	0.5	2.5444	1	2.341864	2	2.613514	5	2.769671	10	2.781415
Methyl Acetate	0.4		0.5		1	0.2938414	2	0.2836837	5	0.3244435	10	0.2846458
Methyl tert-Butyl Ether (MTBE)	0.4	1.601752	0.5	1.485139	1	1.286728	2	1.395302	5	1.571263	10	1.504441
Methyl Cyclohexane	0.4	0.5089272	0.5	0.5127571	1	0.4398249	2	0.4818102	5	0.4828771	10	0.4945891
Methylene Chloride	0.4		0.5		1		2		5	0.7693985	10	0.6781991
4-Methyl-2-pentanone (MIBK)	4	0.4106302	5	0.3761806	10	0.3432073	20	0.3739517	50	0.421926	100	0.3868756
Naphthalene	0.4		0.5		1		2	0.1012853	5	0.6408294	10	0.953802
n-Propylbenzene	0.4	3.363211	0.5	3.844804	1	3.439721	2	3.829936	5	4.125558	10	4.086937
Styrene	0.4	2.338375	0.5	2.558008	1	2.45719	2	2.531514	5	2.74131	10	2.746747
1,1,1,2-Tetrachloroethane	0.4	0.6286954	0.5	0.6876983	1	0.6091352	2	0.6572887	5	0.7555848	10	0.7891382
1,1,2,2-Tetrachloroethane	0.4	0.9070839	0.5	0.8579444	1	0.7581853	2	0.8137816	5	0.9169518	10	0.8606675
Tetrachloroethylene	0.4	0.4923624	0.5	0.4849954	1	0.4454499	2	0.4953374	5	0.5110423	10	0.5169637
Tetrahydrofuran	0.4		0.5		1	0.2038762	2	0.1454951	5	0.1836092	10	0.1559433
Toluene	0.4	1.681742	0.5	1.899606	1	1.744761	2	1.866336	5	1.947783	10	1.944601
1,2,3-Trichlorobenzene	0.4		0.5		1		2	0.0606098	5	0.3198823	10	0.4394123
1,2,4-Trichlorobenzene	0.4		0.5		1	1.693533E-02	2	0.1557086	5	0.5124175	10	0.6246897
1,3,5-Trichlorobenzene	0.4	0.4093952	0.5	0.3304739	1	0.438333	2	0.6729242	5	0.9565118	10	1.037135
1,1,1-Trichloroethane	0.4	0.9404321	0.5	1.098442	1	0.8753694	2	0.9679817	5	1.024948	10	1.040963
1,1,2-Trichloroethane	0.4	0.3983937	0.5	0.4063475	1	0.3573866	2	0.3777235	5	0.4091821	10	0.4098346

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4512177	0.5	0.4826458	1	0.4051836	2	0.4524849	5	0.4709546	10	0.4775163
Trichlorofluoromethane (Freon 1	0.4	0.6315048	0.5	0.8210087	1	0.5839322	2	0.6666808	5	0.6708705	10	0.679205
1,2,3-Trichloropropane	0.4	0.7602999	0.5	0.6357853	1	0.6242657	2	0.5995225	5	0.7127861	10	0.6824222
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3187459	0.5	0.3423242	1	0.285619	2	0.3314692	5	0.3246269	10	0.3402748
1,2,4-Trimethylbenzene	0.4	2.71514	0.5	2.977341	1	2.748604	2	2.877143	5	3.159592	10	3.154724
1,3,5-Trimethylbenzene	0.4	2.889995	0.5	2.878358	1	2.833375	2	2.91349	5	3.221689	10	3.256312
Vinyl Acetate	4	1.636057	5	1.546742	10	1.395788	20	1.492556	50	1.668066	100	1.530057
Vinyl Chloride	0.4	0.4660252	0.5	0.5179531	1	0.3768825	2	0.432132	5	0.3988081	10	0.3977085
m+p Xylene	0.8	2.772906	1	3.140561	2	2.791247	4	2.920746	10	3.15837	20	3.12673
o-Xylene	0.4	2.836056	0.5	3.075939	1	2.72942	2	2.977892	5	3.133082	10	3.163735
1,2-Dichloroethane-d4	25	0.4829726	25	0.4694093	25	0.4576348	25	0.4589957	25	0.4799226	25	0.4656097
Toluene-d8	25	1.106262	25	1.100779	25	1.098569	25	1.109653	25	1.101618	25	1.10459
4-Bromofluorobenzene	25	0.9814345	25	0.9915085	25	0.9762612	25	0.9878469	25	0.9952398	25	0.9698514

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.3195959	50	0.2952293	100	0.3245824	200	0.3022117				
Ethyl Methacrylate	20	0.5994382	50	0.5419339	100	0.5609313	200	0.485003				
Acetone	200	0.1169252	500	9.575092E-02	1000	0.1023449	2000	8.849887E-02				
Acrolein	200	5.699009E-02	500	5.939349E-02	1000	6.317611E-02	2000	5.656893E-02				
Acrylonitrile	20	0.2732079	50	0.2408335	100	0.2479368	200	0.2148733				
tert-Amyl Methyl Ether (TAME)	20	1.84738	50	1.65833	100	1.681223	200	1.603699				
Benzene	20	2.733877	50	2.688903	100	2.565031	200	2.461629				
Bromobenzene	20	1.558219	50	1.464272	100	1.418193	200	1.31511				
Bromochloromethane	20	0.721518	50	0.6996959	100	0.675012	200	0.6269629				
Bromodichloromethane	20	0.6009459	50	0.6144289	100	0.6176199	200	0.6072929				
Bromoform	20		50		100		200					
Bromomethane	20		50		100		200					
2-Butanone (MEK)	200	0.3352423	500	0.2763198	1000	0.2920171	2000	0.2483808				
tert-Butyl Alcohol (TBA)	200	4.017139E-02	500	2.856701E-02	1000	3.326167E-02	2000	2.964167E-02				
n-Butylbenzene	20	2.389259	50	2.253845	100	2.208944	200	2.121036				
sec-Butylbenzene	20	3.054614	50	2.92532	100	2.83121	200	2.695889				
tert-Butylbenzene	20	2.288992	50	2.180144	100	2.120881	200	2.038914				
tert-Butyl Ethyl Ether (TBEE)	20	2.174241	50	2.064509	100	1.990136	200	1.944167				
Carbon Disulfide	200	0.9406725	500	0.7428619	1000		2000					
Carbon Tetrachloride	20	0.8559071	50	0.9348424	100	0.9399966	200	0.9615483				
Chlorobenzene	20	2.493578	50	2.35638	100	2.255566	200	2.097077				
Chlorodibromomethane	20		50		100		200					
Chloroethane	20	0.1574603	50	0.2325128	100	0.2147056	200	0.195079				
2-Chloroethyl Vinyl Ether	200	0.2470705	500	0.1900294	1000	0.1688464	2000					
Chloroform	20	1.22749	50	1.209104	100	1.192589	200	1.197123				
Chloromethane	20	0.3084019	50	0.4305973	100		200					

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.731933	50	2.546127	100	2.430121	200	2.247154				
4-Chlorotoluene	20	3.108998	50	2.929042	100	2.74345	200	2.510918				
Cyclohexane	20	1.09006	50	1.160582	100	1.106705	200	1.070663				
1,2-Dibromo-3-chloropropane (D	20	0.1200326	50	0.1067593	100	0.134631	200	0.1310054				
1,2-Dibromoethane (EDB)	20	0.464204	50	0.4182307	100	0.4183637	200	0.3907498				
Dibromomethane	20	0.3117179	50	0.2925505	100	0.2881413	200	0.2689415				
1,2-Dichlorobenzene	20	1.729065	50	1.601361	100	1.603735	200	1.525933				
1,3-Dichlorobenzene	20	1.723898	50	1.6477	100	1.628992	200	1.573309				
1,4-Dichlorobenzene	20	1.884936	50	1.755612	100	1.701765	200	1.575027				
trans-1,4-Dichloro-2-butene	20	0.3315421	50	0.3035923	100	0.3333664	200	0.3129769				
Dichlorodifluoromethane (Freon	20	0.3441143	50		100		200					
1,1-Dichloroethane	20	1.242871	50	1.270116	100	1.211128	200	1.190486				
1,2-Dichloroethane	20	0.6763902	50	0.6412572	100	0.6359794	200	0.597085				
1,1-Dichloroethylene	20	0.5757342	50	0.6490596	100	0.6079647	200	0.5839481				
cis-1,2-Dichloroethylene	20	1.241624	50	1.216688	100	1.156784	200	1.105474				
trans-1,2-Dichloroethylene	20	1.032886	50	1.036953	100	0.9660117	200	0.9064239				
Dichlorofluoromethane (Freon 2	20	0.665469	50	0.7958445	100	0.7493246	200	0.7263338				
1,2-Dichloropropane	20	0.4782689	50	0.4550912	100	0.4395804	200	0.4223912				
1,3-Dichloropropane	20	0.7009391	50	0.6324932	100	0.6211824	200	0.5700565				
2,2-Dichloropropane	20	0.8908393	50	0.8514903	100	0.8188608	200	0.839123				
1,1-Dichloropropene	20	0.8936737	50	0.9104306	100	0.8700477	200	0.8433923				
cis-1,3-Dichloropropene	20	0.739386	50	0.7196115	100	0.7020893	200	0.6615947				
trans-1,3-Dichloropropene	20	0.6212114	50	0.5891746	100	0.6039707	200	0.5727595				
Diethyl Ether	20	0.3016213	50	0.3345448	100	0.3338008	200	0.31621				
Difluorochloromethane (Freon 2	20	0.6186983	50	0.8900602	100	0.8049764	200	0.7344235				
Diisopropyl Ether (DIPE)	20	2.349289	50	2.255056	100	1.93263	200	1.628097				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.307326E-03	500	2.563141E-03	1000	2.810397E-03	2000	2.718352E-03				
Ethyl Acetate	20	0.8933471	50	0.6852162	100	0.7622883	200	0.7123826				
Ethylbenzene	20	4.255964	50	3.979522	100	3.768366	200	3.425154				
Hexachlorobutadiene	20	0.3911871	50	0.3900721	100	0.3835792	200	0.3969094				
2-Hexanone (MBK)	200	0.3206384	500	0.2513471	1000	0.2490684	2000					
Iodomethane	200	0.6325156	500	0.5997214	1000		2000					
Isopropylbenzene (Cumene)	20	3.664997	50	3.439731	100	3.29669	200	3.023658				
p-Isopropyltoluene (p-Cymene)	20	2.722056	50	2.548655	100	2.436792	200	2.258713				
Methyl Acetate	20	0.349798	50	0.262595	100	0.2802961	200	0.2538109				
Methyl tert-Butyl Ether (MTBE)	20	1.730588	50	1.558026	100	1.540152	200	1.422453				
Methyl Cyclohexane	20	0.5060048	50	0.5257309	100	0.4969198	200	0.4818947				
Methylene Chloride	20	0.60158	50	0.5918714	100	0.5611579	200	0.5416453				
4-Methyl-2-pentanone (MIBK)	200	0.4597805	500	0.3599248	1000	0.3414104	2000					
Naphthalene	20	1.711883	50	1.604309	100	1.964278	200	1.867795				
n-Propylbenzene	20	4.236334	50	3.960657	100	3.762866	200	3.466889				
Styrene	20	2.820126	50	2.630404	100	2.475354	200	2.217584				
1,1,1,2-Tetrachloroethane	20	0.86645	50	0.8656174	100	0.8822314	200	0.8584131				
1,1,2,2-Tetrachloroethane	20	1.046583	50	0.8776722	100	0.9185255	200	0.8129384				
Tetrachloroethylene	20	0.5284128	50	0.505427	100	0.4776454	200	0.4566574				
Tetrahydrofuran	20	0.2005466	50	0.1687145	100	0.1875084	200	0.1688137				
Toluene	20	1.939086	50	1.846569	100	1.734741	200	1.587736				
1,2,3-Trichlorobenzene	20	0.6964888	50	0.6448551	100	0.7506013	200	0.7300523				
1,2,4-Trichlorobenzene	20	0.8714252	50	0.843036	100	0.9209508	200	0.8968474				
1,3,5-Trichlorobenzene	20	1.075435	50	1.081917	100	1.074767	200	1.051941				
1,1,1-Trichloroethane	20	1.090381	50	1.123023	100	1.120882	200	1.136176				
1,1,2-Trichloroethane	20	0.4374117	50	0.3971942	100	0.3961094	200	0.363864				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0539

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.4808619	50	0.471003	100	0.4496445	200	0.4349595				
Trichlorofluoromethane (Freon 1	20	0.5989799	50	0.7502384	100	0.7069447	200	0.69052				
1,2,3-Trichloropropane	20	0.7955378	50	0.6624702	100	0.6894485	200	0.6160383				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.32036	50	0.3746957	100	0.3463941	200	0.3411262				
1,2,4-Trimethylbenzene	20	3.076032	50	2.919296	100	2.797072	200	2.628847				
1,3,5-Trimethylbenzene	20	3.318237	50	3.099374	100	2.906238	200	2.643593				
Vinyl Acetate	200	1.628501	500	1.385259	1000		2000					
Vinyl Chloride	20	0.3687635	50	0.5226242	100	0.4860571	200	0.464771				
m+p Xylene	40	3.154311	100	2.907752	200	2.662112	400					
o-Xylene	20	3.191899	50	2.96134	100	2.813882	200	2.569539				
1,2-Dichloroethane-d4	25	0.4840161	25	0.4828909	25	0.4896462	25	0.4983318				
Toluene-d8	25	1.095565	25	1.099101	25	1.092856	25	1.09563				
4-Bromofluorobenzene	25	0.9889755	25	1.014689	25	1.014531	25	1.031159				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2921816	10.3			15	
Ethyl Methacrylate	0.5199081	8.4			15	
Acetone	0.1030032	10.0			15	
Acrolein	5.492959E-02	8.3			15	
Acrylonitrile	0.2481854	12.7			15	
tert-Amyl Methyl Ether (TAME)	1.606343	8.2			15	
Benzene	2.571233	5.3			15	
Bromobenzene	1.462006	6.2			15	
Bromochloromethane	0.6789636	5.3			15	
Bromodichloromethane	0.5452682	11.9			15	
Bromoform	0.321342	11.5			15	
Bromomethane	0.3680515	47.1	0.9914213		0.99	
2-Butanone (MEK)	0.2765387	10.7			15	
tert-Butyl Alcohol (TBA)	3.108169E-02	13.6			15	
n-Butylbenzene	2.100922	14.4			15	
sec-Butylbenzene	2.902096	6.3			15	
tert-Butylbenzene	2.195128	6.4			15	
tert-Butyl Ethyl Ether (TBEE)	1.933694	7.8			15	
Carbon Disulfide	0.9730355	11.6			15	
Carbon Tetrachloride	0.8450429	12.5			15	
Chlorobenzene	2.32315	6.7			15	
Chlorodibromomethane	0.3473243	11.6			15	
Chloroethane	0.2076187	11.8			15	
2-Chloroethyl Vinyl Ether	0.2040935	11.8			15	
Chloroform	1.163696	5.2			15	
Chloromethane	0.3477195	14.3			15	
2-Chlorotoluene	2.50024	6.7			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.837575	6.6			15	
Cyclohexane	1.114453	3.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	9.870397E-02	30.6	0.9977837		0.99	
1,2-Dibromoethane (EDB)	0.4107707	7.0			15	
Dibromomethane	0.2860706	6.9			15	
1,2-Dichlorobenzene	1.597415	5.9			15	
1,3-Dichlorobenzene	1.641262	5.8			15	
1,4-Dichlorobenzene	1.792848	6.4			15	
trans-1,4-Dichloro-2-butene	0.2547239	24.8	0.9987871		0.99	
Dichlorodifluoromethane (Freon 12)	0.4172903	17.1	0.9952979		0.99	
1,1-Dichloroethane	1.206503	4.7			15	
1,2-Dichloroethane	0.627319	5.6			15	
1,1-Dichloroethylene	0.5988157	6.1			15	
cis-1,2-Dichloroethylene	1.170904	6.6			15	
trans-1,2-Dichloroethylene	0.9797238	5.6			15	
Dichlorofluoromethane (Freon 21)	0.7323591	7.5			15	
1,2-Dichloropropane	0.45256	5.0			15	
1,3-Dichloropropane	0.6250267	6.2			15	
2,2-Dichloropropane	0.8138662	6.1			15	
1,1-Dichloropropene	0.8549716	5.2			15	
cis-1,3-Dichloropropene	0.6567923	9.7			15	
trans-1,3-Dichloropropene	0.5352389	12.2			15	
Diethyl Ether	0.3356409	11.2			15	
Difluorochloromethane (Freon 22)	0.7300593	12.7			15	
Diisopropyl Ether (DIPE)	2.204692	12.2			15	
1,4-Dioxane	2.770592E-03	10.2			15	
Ethyl Acetate	0.7620977	13.5			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.887438	7.4			15	
Hexachlorobutadiene	0.3774104	7.2			15	
2-Hexanone (MBK)	0.252538	13.4			15	
Iodomethane	0.6024597	9.7			15	
Isopropylbenzene (Cumene)	3.366944	7.1			15	
p-Isopropyltoluene (p-Cymene)	2.529679	7.7			15	
Methyl Acetate	0.2916393	10.8			15	
Methyl tert-Butyl Ether (MTBE)	1.509584	8.1			15	
Methyl Cyclohexane	0.4931336	4.8			15	
Methylene Chloride	0.6239754	13.7			15	
4-Methyl-2-pentanone (MIBK)	0.3859875	10.1			15	
Naphthalene	1.263455	56.0	0.9979006		0.99	
n-Propylbenzene	3.811691	8.0			15	
Styrene	2.551661	7.4			15	
1,1,1,2-Tetrachloroethane	0.7600253	14.1			15	
1,1,2,2-Tetrachloroethane	0.8770334	9.0			15	
Tetrachloroethylene	0.4914294	5.3			15	
Tetrahydrofuran	0.1768134	11.7			15	
Toluene	1.819296	6.9			15	
1,2,3-Trichlorobenzene	0.5202717	49.7	0.9989158		0.99	
1,2,4-Trichlorobenzene	0.6052513	58.2	0.9994954		0.99	
1,3,5-Trichlorobenzene	0.8128833	38.8	0.9998292		0.99	
1,1,1-Trichloroethane	1.04186	8.5			15	
1,1,2-Trichloroethane	0.3953447	6.0			15	
Trichloroethylene	0.4576472	5.3			15	
Trichlorofluoromethane (Freon 11)	0.6799885	10.3			15	
1,2,3-Trichloropropane	0.6778576	9.4			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3325636	6.9			15	
1,2,4-Trimethylbenzene	2.905379	6.4			15	
1,3,5-Trimethylbenzene	2.996066	7.2			15	
Vinyl Acetate	1.535378	7.0			15	
Vinyl Chloride	0.4431725	12.8			15	
m+p Xylene	2.959415	6.5			15	
o-Xylene	2.945278	7.0			15	
1,2-Dichloroethane-d4	0.476943	2.8			15	
Toluene-d8	1.100462	0.5			15	
4-Bromofluorobenzene	0.9951497	1.9			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002000	Instrument:	GCMSVOA3
Calibration:	1200036		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002000-CAL1	VC073069.D	03/13/12 16:53
1204045	0.5ppb 8260 Calibration Standard	S002000-CAL2	VC073070.D	03/13/12 17:23
1204046	1ppb 8260 Calibration Standard	S002000-CAL3	VC073071.D	03/13/12 17:52
1204047	2ppb 8260 Calibration Standard	S002000-CAL4	VC073072.D	03/13/12 18:22
1204048	5ppb 8260 Calibration Standard	S002000-CAL5	VC073073.D	03/13/12 18:52
1204049	10ppb 8260 Calibration Standard	S002000-CAL6	VC073074.D	03/13/12 19:22
1204050	20ppb 8260 Calibration Standard	S002000-CAL7	VC073075.D	03/13/12 19:52
1204051	50ppb 8260 Calibration Standard	S002000-CAL8	VC073076.D	03/13/12 20:21
1204052	100ppb 8260 Calibration Standard	S002000-CAL9	VC073077.D	03/13/12 20:52
1204053	200ppb 8260 Calibration Standard	S002000-CALA	VC073078.D	03/13/12 21:21

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC073069.D 0.5 =VC073070.D 1.0 =VC073071.D 2.0 =VC073072.D 5.0 =VC073073.D 10 =VC073078.D 20 =VC073075.D
50 =VC073076.D 100 =VC073077.D 200 =VC073078.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.762	0.767	0.772	0.766	0.759	0.762	0.755	0.784	0.806	0.782	0.772	1.97
3)		DICHLORODIFLUO...	0.724	1.009	0.803	0.830	0.806	0.772	0.748	0.742	0.641	0.611	0.769	14.26
4)		DIFLUOROCHLORO...	0.834	0.898	0.830	0.794	0.789	0.793	0.819	0.800	0.750	0.750	0.806	5.38
5)	P	CHLOROMETHANE	0.504	0.532	0.522	0.505	0.501	0.468	0.480	0.466	0.470	0.516	0.496	4.82
6)	C	VINYL CHLORIDE	0.768	0.661	0.683	0.707	0.734	0.703	0.749	0.717	0.693	0.713	0.713	4.41#
7)		BROMOMETHANE		1.046	0.777	0.590	0.506	0.415	0.402	0.407	0.422		0.571	0.999LR
8)		CHLOROETHANE	0.372	0.346	0.408	0.352	0.349	0.342	0.371	0.354	0.333	0.329	0.356	6.53
9)		FLUORODICHLORO...	1.246	1.323	1.205	1.178	1.168	1.154	1.250	1.206	1.151	1.183	1.206	4.42
10)		TRICHLOROFLUOR...	1.074	1.113	1.029	1.085	1.057	1.029	1.095	1.088	1.027	1.048	1.065	2.90
11)		ETHANOL					0.003	0.004	0.003				0.004	15.83
12)		DI ETHYL ETHER	0.472	0.527	0.427	0.453	0.434	0.418	0.456	0.448	0.448	0.445	0.453	6.70
13)		ACROLEIN			0.007	0.005	0.003	0.004	0.003	0.004	0.003	0.003	0.004	0.995LR
14)		ACETONE			0.165	0.125	0.121	0.126	0.132	0.124	0.130	0.128	0.131	10.77
15)	C	1,1-DICHLOROET...	1.179	1.183	1.047	0.975	0.962	1.011	1.056	1.019	0.994	1.031	1.046	7.37#
16)		1,1,2-TRICL-1,...	0.500	0.578	0.542	0.553	0.500	0.486	0.510	0.524	0.482	0.500	0.518	6.04
17)		IODOMETHANE	0.615	0.644	0.638	0.719	0.845	0.923	1.045	1.051			0.810	0.999LR
18)		ACETONITRILE		0.138	0.116	0.107	0.115	0.111	0.121	0.113	0.120	0.116	0.118	7.53
19)		ALLYL CHLORIDE		0.362	0.344	0.371	0.270	0.305	0.395	0.348	0.391	0.428	0.357	13.46
20)		METHYL ACETATE	0.738	0.676	0.733	0.662	0.600	0.644	0.636	0.527	0.526	0.556	0.630	12.25
21)		T-BUTYL ALCOHOL	0.041	0.038	0.042	0.031	0.035	0.031	0.035	0.034	0.039	0.039	0.037	10.29
22)		ACRYLONITRILE				0.184	0.158	0.165	0.167	0.161	0.173	0.163	0.167	5.20
23)		METHYLENE CHLO...					0.943	0.844	0.829	0.766	0.746	0.756	0.814	9.18
24)		CARBON DISULFIDE	1.651	1.819	1.751	1.722	1.778	1.775	1.914				1.773	4.59
25)		METHYL TERT-BU...	1.482	1.396	1.413	1.277	1.346	1.376	1.495	1.417	1.499	1.494	1.419	5.25
26)		TRANS 1,2-DICH...	1.058	1.027	0.993	0.949	0.908	0.963	1.006	0.979	0.955	0.986	0.982	4.31
27)	P	1,1-DICHLOROET...	1.076	1.102	1.252	1.061	1.097	1.127	1.223	1.194	1.167	1.218	1.152	5.90
28)		VINYL ACETATE	0.890	0.931	0.917	0.953	1.037	0.989	1.181	1.133			1.004	10.50
29)		DI ISOPROYL ETHER	1.688	1.868	1.505	1.427	1.566	1.555	1.721	1.646	1.630	1.642	1.625	7.53
30)		CHLOROPRENE	1.233	1.087	1.213	1.174	1.163	1.160	1.295	1.172	1.218	1.196	1.191	4.60
31)		2-BUTANONE	0.202	0.212	0.195	0.173	0.189	0.192	0.208	0.195	0.212	0.200	0.198	5.97
32)		T-BUTYL ETHYL ...	1.791	1.733	1.796	1.698	1.682	1.800	1.937	1.855	1.945	1.942	1.818	5.47
33)		CIS-1,2-DICHLO...	1.242	1.252	1.154	1.093	1.155	1.158	1.275	1.225	1.210	1.239	1.200	4.79
34)		2,2-DICHLOROPR...	0.965	0.669	0.736	0.670	0.673	0.711	0.823	0.829	0.883	0.949	0.791	14.55
35)		ETHYL ACETATE			0.655	0.584	0.464	0.512	0.509	0.504	0.528	0.527	0.535	10.98
36)		PROPIONITRILE					0.058	0.064	0.068	0.059	0.069	0.064	0.064	6.92
37)		METHACRYLONITRILE				0.290	0.268	0.302	0.315	0.296	0.318	0.298	0.298	5.60
38)		BROMOCHLOROMET...	0.536	0.586	0.497	0.505	0.501	0.473	0.524	0.518	0.515	0.499	0.516	5.88
39)		TETRAHYDROFURAN			0.138	0.102	0.102	0.101	0.110	0.103	0.116	0.111	0.110	11.20

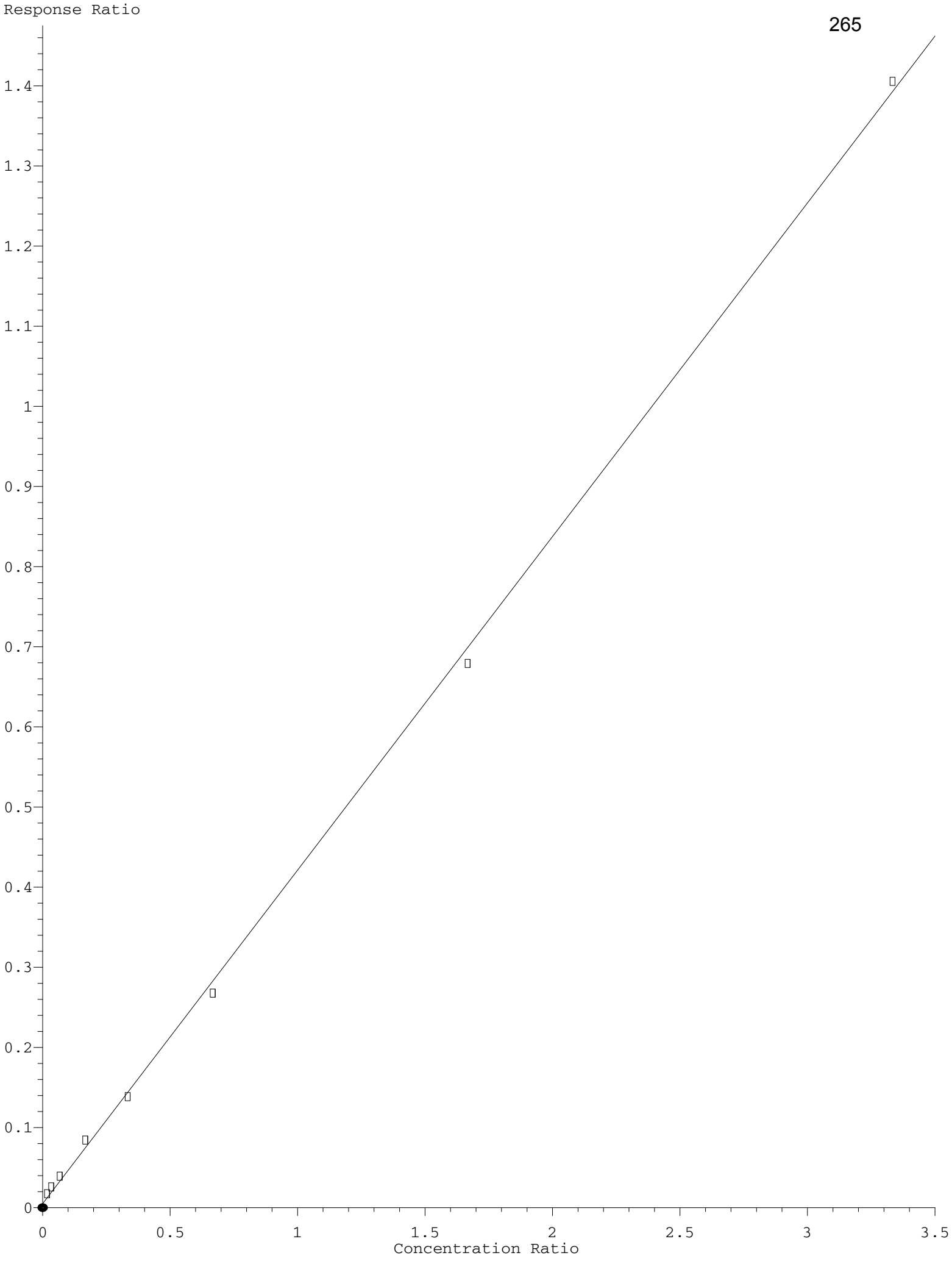
40)	C	CHLOROFORM	1.127	1.204	1.031	1.133	1.137	1.195	1.244	1.231	1.222	1.245	1.177	5.84#
41)		1,1,1-TRICHLOR...	1.207	1.066	1.014	0.902	0.958	0.960	1.086	1.100	1.121	1.174	1.059	9.34
42)		CYCLOHEXANE					1.027	0.946	0.970	0.944	0.891	0.931	0.951	4.77
43)		CARBON TETRACH...	0.801	0.866	0.695	0.655	0.652	0.687	0.785	0.843	0.882	0.969	0.784	13.83
44)		1,1-DICHLOROPR...	0.878	1.120	0.932	0.913	0.845	0.848	0.911	0.905	0.882	0.922	0.915	8.51
45)		BENZENE	2.382	2.345	2.230	2.204	2.290	2.310	2.479	2.390	2.375	2.444	2.345	3.74
46)		ISOBUTANOL				0.022	0.022	0.022	0.022	0.022	0.021	0.021	0.022	2.32
47)		T-AMYLMETHYL E...	1.322	1.509	1.435	1.246	1.385	1.437	1.581	1.528	1.576	1.570	1.459	7.87
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.200	1.193	1.199	1.199	1.164	1.182	1.191	1.178	1.181	1.168	1.185	1.10
50)		1,2-DICHLOROET...	0.839	0.876	0.771	0.755	0.768	0.800	0.848	0.802	0.802	0.800	0.806	4.76
51)		TRICHLOROETHENE	0.549	0.525	0.401	0.396	0.407	0.405	0.435	0.429	0.419	0.435	0.440	12.07
52)		METHYLCYCLOHEXANE	0.502	0.504	0.494	0.432	0.435	0.453	0.467	0.462	0.444	0.472	0.466	5.68
53)	C	1,2-DICHLOROPR...	0.372	0.484	0.396	0.371	0.376	0.375	0.431	0.393	0.403	0.416	0.402	8.75#
54)		DIBROMOMETHANE	0.326	0.351	0.301	0.276	0.255	0.263	0.285	0.277	0.281	0.281	0.290	10.09
55)		METHYL METHACR...		0.350	0.347	0.294	0.282	0.308	0.332	0.311	0.337	0.315	0.320	7.39
56)		1,4-DIOXANE					0.003	0.002	0.002	0.002	0.002	0.002	0.002	11.85
57)		BROMODICHLOROM...	0.578	0.614	0.526	0.521	0.555	0.593	0.660	0.647	0.664	0.693	0.605	9.98
58)		2-CHLOROETHYLV...	0.188	0.206	0.194	0.200	0.215	0.226	0.241	0.225	0.232	0.224	0.215	8.10
59)		MIBK	0.259	0.286	0.291	0.271	0.289	0.293	0.321	0.293	0.308		0.290	6.33
60)		CIS-1,3-DICHLO...	0.497	0.560	0.466	0.534	0.567	0.621	0.655	0.669	0.687	0.720	0.598	14.32
61)	C	TOLUENE	1.902	1.716	1.632	1.608	1.651	1.679	1.747	1.679	1.665	1.706	1.699	4.83#
62)		TRANS-1,3,-DIC...	0.466	0.479	0.401	0.382	0.429	0.494	0.561	0.579			0.474	14.88
63)		ETHYL METHACRY...	0.757	0.761	0.714	0.711	0.781	0.869	0.970	0.950	0.998	0.956	0.847	13.44
64)		1,1,2-TRICHLOR...	0.336	0.362	0.348	0.363	0.300	0.344	0.372	0.346	0.352	0.352	0.347	5.67
65)		2-HEXANONE	0.164	0.196	0.192	0.186	0.198	0.205	0.221	0.203	0.217	0.202	0.198	8.07
66)		TETRACHLOROETHENE	0.421	0.509	0.403	0.403	0.401	0.381	0.417	0.408	0.402	0.419	0.416	8.30
67)		1,3-DICHLOROPR...	0.593	0.684	0.616	0.593	0.584	0.580	0.619	0.593	0.596	0.600	0.606	4.95
68)		DIBROMOCHLOROM...	0.428	0.379	0.323	0.301	0.360	0.354	0.447	0.452			0.381	14.92
69)		1,2-DIBROMOETHANE	0.355	0.392	0.368	0.353	0.350	0.362	0.386	0.367	0.372	0.371	0.368	3.70
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.895	0.905	0.891	0.912	0.900	0.904	0.912	0.900	0.924	0.913	0.905	1.09
72)	T	CHLOROBENZENE	1.858	2.093	1.677	1.718	1.712	1.770	1.824	1.778	1.739	1.783	1.795	6.55
73)		1,1,1,2-TETRAC...	0.517	0.466	0.532	0.451	0.540	0.548	0.610	0.624	0.659	0.692	0.564	14.17
74)	C	ETHYLBENZENE	3.035	3.364	3.075	3.132	3.281	3.342	3.457	3.307	3.241	3.317	3.255	4.14#
75)		M/P-XYLENES	2.401	2.828	2.509	2.404	2.571	2.628	2.740	2.595	2.552		2.581	5.46
76)		0-XYLENE	2.440	2.631	2.422	2.250	2.446	2.556	2.687	2.588	2.529	2.643	2.519	5.23
77)		STYRENE	1.725	1.965	1.878	1.860	2.004	2.141	2.263	2.206	2.195	2.257	2.049	9.24
78)	P	BROMOFORM		0.349	0.300	0.294	0.307	0.325	0.376	0.415			0.338	13.28
79)		ISOPROPYLBENZENE	2.669	2.749	2.602	2.533	2.869	2.946	3.038	2.916	2.867	2.976	2.816	6.03
80)		CIS-1,4-DICHLO...	0.290	0.208	0.212	0.217	0.215	0.236	0.255	0.268	0.285	0.290	0.248	13.76
81)	P	1,1,2,2-TETRAC...	0.684	0.753	0.659	0.637	0.690	0.728	0.739	0.699	0.725	0.706	0.702	5.15
82)		1,4-DICHLORO-2...			0.219	0.193	0.189	0.215	0.243	0.264			0.221	13.12
83)		BROMOBENZENE	1.404	1.427	1.363	1.207	1.330	1.327	1.392	1.328	1.311	1.341	1.343	4.56
84)		1,2,3-TRICHLOR...	0.752	0.691	0.604	0.572	0.599	0.593	0.630	0.597	0.628	0.602	0.627	8.69
85)		N-PROPYLBENZENE	2.782	3.057	3.012	2.924	3.154	3.222	3.409	3.279	3.225	3.330	3.139	6.19
86)		2-CHLOROT0LUENE	2.113	2.264	1.970	2.052	2.117	2.278	2.297	2.199	2.160	2.226	2.168	4.88
87)		1,3,5-TRIMETHY...	2.419	2.542	2.508	2.445	2.664	2.700	2.891	2.767	2.711	2.803	2.645	6.02
88)		4-CHLOROTOLUENE	2.333	2.689	2.420	2.441	2.558	2.578	2.705	2.618	2.550	2.630	2.552	4.73
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.071	2.256	1.896	1.870	2.058	2.109	2.131	2.074	1.964	2.081	2.051	5.58

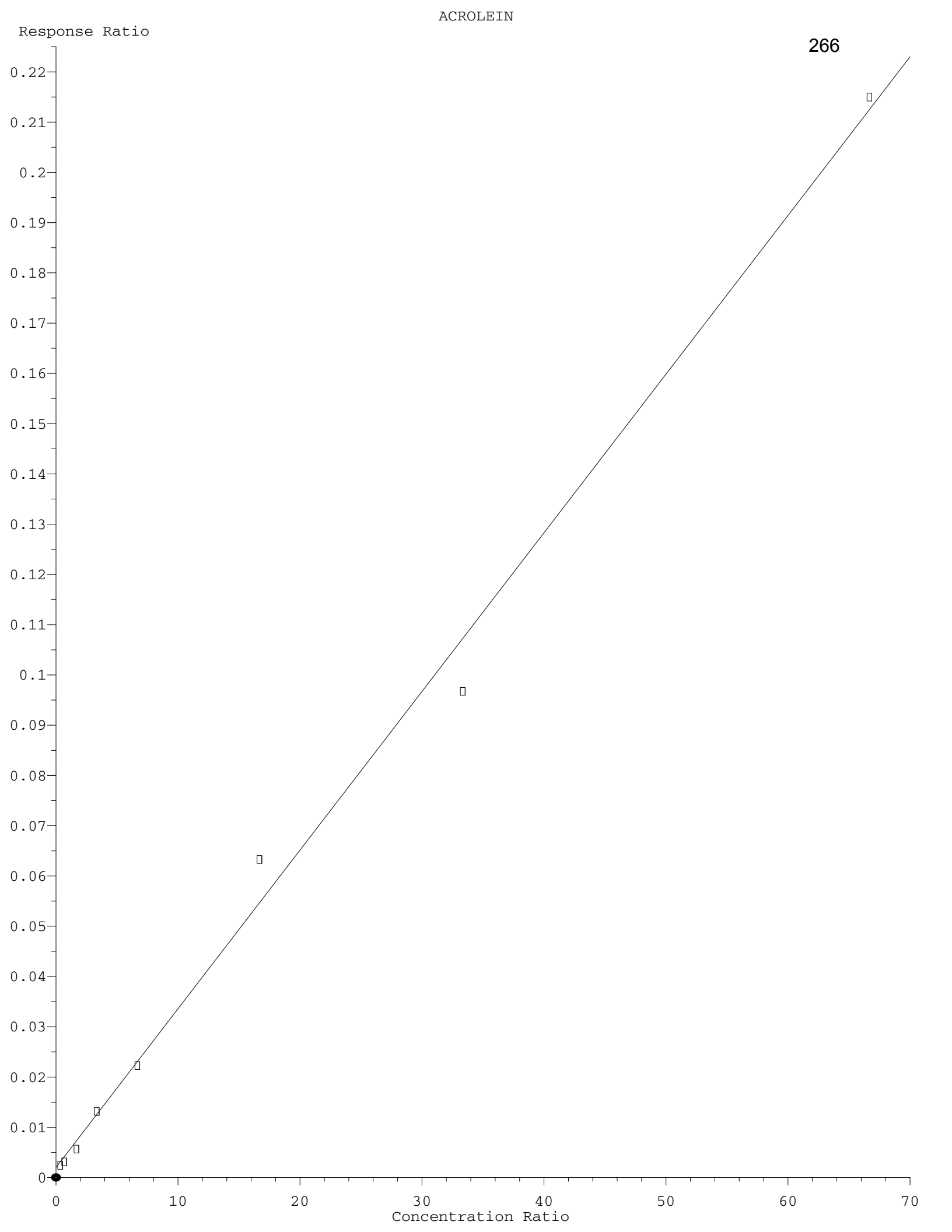
91)	1,2,4-TRIMETHY...	2.996	2.914	2.717	2.768	3.057	3.082	3.294	3.087	3.008	3.088	3.001	5.59
92)	SEC-BUTYLBENZENE	2.795	2.992	2.625	2.598	2.888	2.977	3.108	2.930	2.834	2.982	2.873	5.69
93)	1,3-DICHLOROBE...	1.422	1.556	1.382	1.399	1.437	1.507	1.559	1.490	1.461	1.511	1.472	4.24
94)	P-ISOPROPYLTOL...	2.322	2.480	2.285	2.269	2.407	2.531	2.586	2.472	2.388	2.499	2.424	4.43
95)	1,4-DICHLOROBE...	1.913	1.906	1.679	1.453	1.618	1.703	1.788	1.620	1.612	1.653	1.695	8.34
96)	N-BUTYLBENZENE	2.058	2.146	1.902	1.994	2.212	2.357	2.400	2.317	2.232	2.324	2.194	7.58
97)	1,2-DICHLOROBE...	1.560	1.599	1.380	1.408	1.436	1.451	1.540	1.437	1.404	1.440	1.466	5.05
98)	1,2-DIBROMO-3-...			0.149	0.129	0.114	0.125	0.131	0.133	0.151	0.149	0.135	9.94
99)	1,3,5-TRICHLOR...	0.920	1.116	1.046	0.943	0.995	1.069	1.109	1.063	1.036	1.069	1.037	6.30
100)	1,2,4-TRICHLOR...	0.592	0.747	0.770	0.780	0.782	0.852	0.906	0.874	0.909	0.909	0.812	12.27
101)	HEXACHLOROBUTA...		0.416	0.380	0.373	0.349	0.364	0.367	0.364	0.344	0.371	0.370	5.59
102)	NAPHTHALENE					1.238	1.547	1.652	1.619	1.772	1.705	1.589	11.82
103)	1,2,3-TRICHLOR...	0.483	0.524	0.547	0.563	0.594	0.662	0.732	0.670	0.718	0.704	0.620	14.28

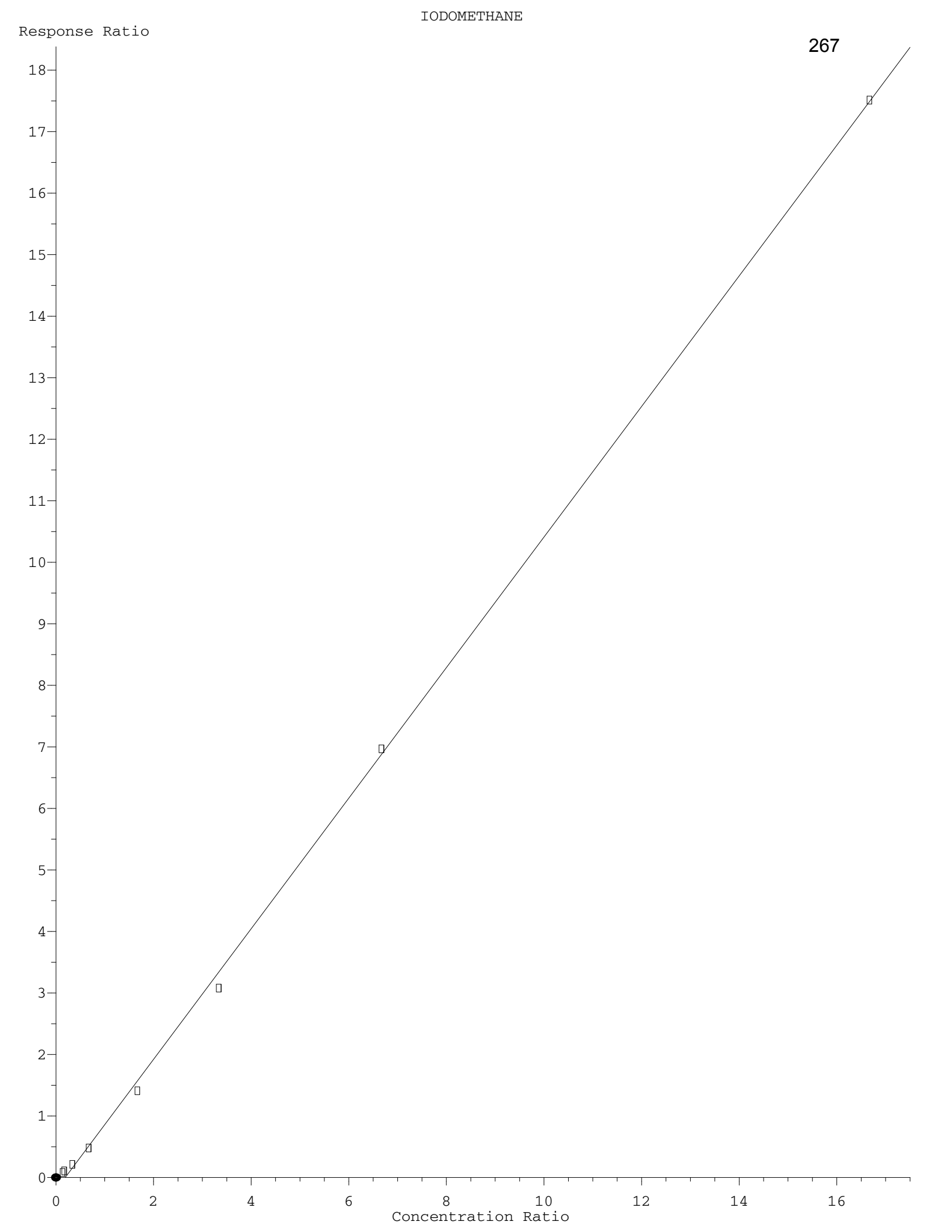
(#) = Out of Range

C0313W12.M Wed Apr 04 12:52:03 2012

BROMOMETHANE



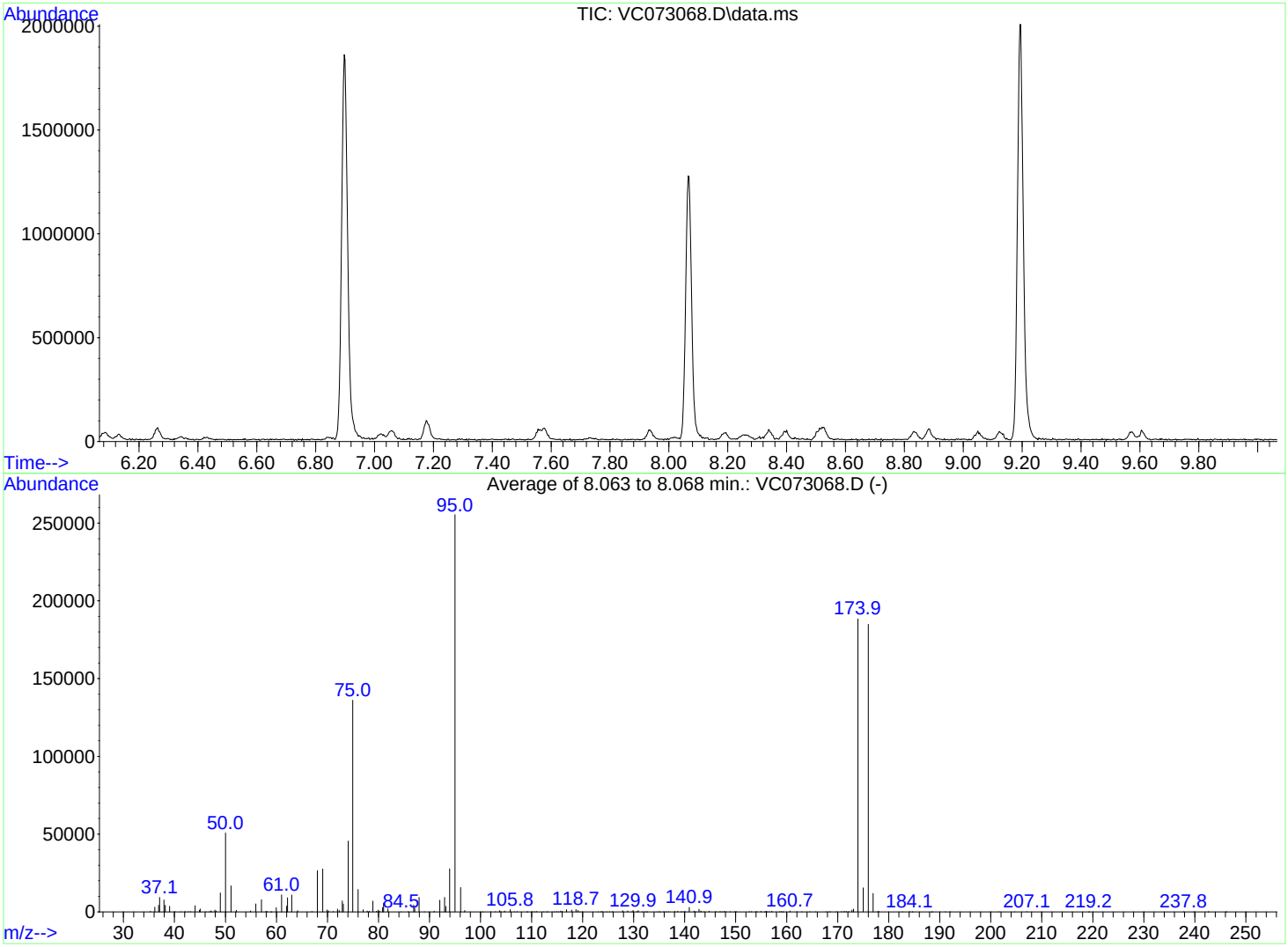

ACROLEIN
Response Ratio
266
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
10
20
30
40
50
60
70
Concentration Ratio


IODOMETHANE
Response Ratio
267
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

Data Path : X:\1\DATA\031312\
Data File : VC073068.D
Acq On : 13 Mar 2012 4:23 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0313W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	50787	PASS
75	95	30	60	53.3	136147	PASS
95	95	100	100	100.0	255445	PASS
96	95	5	9	6.2	15714	PASS
173	174	0.00	2	0.9	1781	PASS
174	95	50	100	73.8	188458	PASS
175	174	5	9	8.2	15481	PASS
176	174	95	101	98.1	184874	PASS
177	176	5	9	6.4	11875	PASS

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	516697	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	795675	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	476655	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	411528	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	328155	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
49) TOLUENE SS	5.489	98	795919	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	355428	25.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	4991	1.03	UG/L		90
4) DIFLUOROCHLOROMETHANE	0.840	51	5745	0.59	UG/L		98
5) CHLOROMETHANE	0.913	50	3474	0.60	UG/L		100
6) VINYL CHLORIDE	0.963	62	5290	0.55	UG/L	#	88
7) BROMOMETHANE	1.103	94	7211	1.13	UG/L		93
8) CHLOROETHANE	1.142	64	2560	0.49	UG/L	#	71
9) FLUORODICHLOROMETHANE	1.225	67	8583	0.49	UG/L	#	77
10) TRICHLOROFLUOROMETHANE	1.253	101	7402	0.46	UG/L	#	82
12) DI ETHYL ETHER	1.381	59	3254m	0.48	UG/L		
14) ACETONE	1.529	43	9852	4.67	UG/L	#	78
15) 1,1-DICHLOROETHENE	1.510	61	8120	0.56	UG/L	#	59
16) 1,1,2-TRICL-1,2,2-TRIF...	1.493	101	3448m	0.44	UG/L		
17) IODOMETHANE	1.585	142	42351	9.25	UG/L		97
20) METHYL ACETATE	1.705	43	5082m	Below Cal			
21) T-BUTYL ALCOHOL	1.842	59	2838m	3.96	UG/L		
22) ACRYLONITRILE	1.917	53	1942m	0.69	UG/L		
23) METHYLENE CHLORIDE	1.763	49	35074	3.06	UG/L		94
24) CARBON DISULFIDE	1.618	76	113774	4.20	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	10212m	0.40	UG/L		
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7289	0.47	UG/L		91
27) 1,1-DICHLOROETHANE	2.218	63	7411m	0.40	UG/L		
28) VINYL ACETATE	2.268	43	61340	3.43	UG/L	#	81
29) DI ISOPROYL ETHER	2.288	45	11632m	0.47	UG/L		
31) 2-BUTANONE	2.737	43	13949m	4.34	UG/L		
32) T-BUTYL ETHYL ETHER	2.586	59	12341m	0.43	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.706	61	8556m	0.46	UG/L		
34) 2,2-DICHLOROPROPANE	2.698	77	6646m	0.46	UG/L		
35) ETHYL ACETATE	2.809	43	5400m	0.68	UG/L		
38) BROMOCHLOROMETHANE	2.943	49	3696m	0.51	UG/L		
40) CHLOROFORM	3.041	83	7765m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.211	97	8314m	0.45	UG/L		
42) CYCLOHEXANE	3.278	56	18774m	1.38	UG/L		
43) CARBON TETRACHLORIDE	3.370	117	5520m	0.36	UG/L		
44) 1,1-DICHLOROPROPENE	3.392	75	6047m	0.43	UG/L		
45) BENZENE	3.584	78	16410m	0.43	UG/L		
47) T-AMYLMETHYL ETHER	3.743	73	9107m	0.35	UG/L		
50) 1,2-DICHLOROETHANE	3.618	62	8902m	0.47	UG/L		
51) TRICHLOROETHENE	4.262	95	5821m	0.53	UG/L		
52) METHYLCYCLOHEXANE	4.443	83	5325m	0.49	UG/L		
53) 1,2-DICHLOROPROPANE	4.488	63	3944	0.41	UG/L	#	73
54) DIBROMOMETHANE	4.602	93	3461	0.48	UG/L	#	58
57) BROMODICHLOROMETHANE	4.786	83	6133m	0.40	UG/L		
58) 2-CHLOROETHYLVINYLETHER	5.127	63	19987	3.66	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

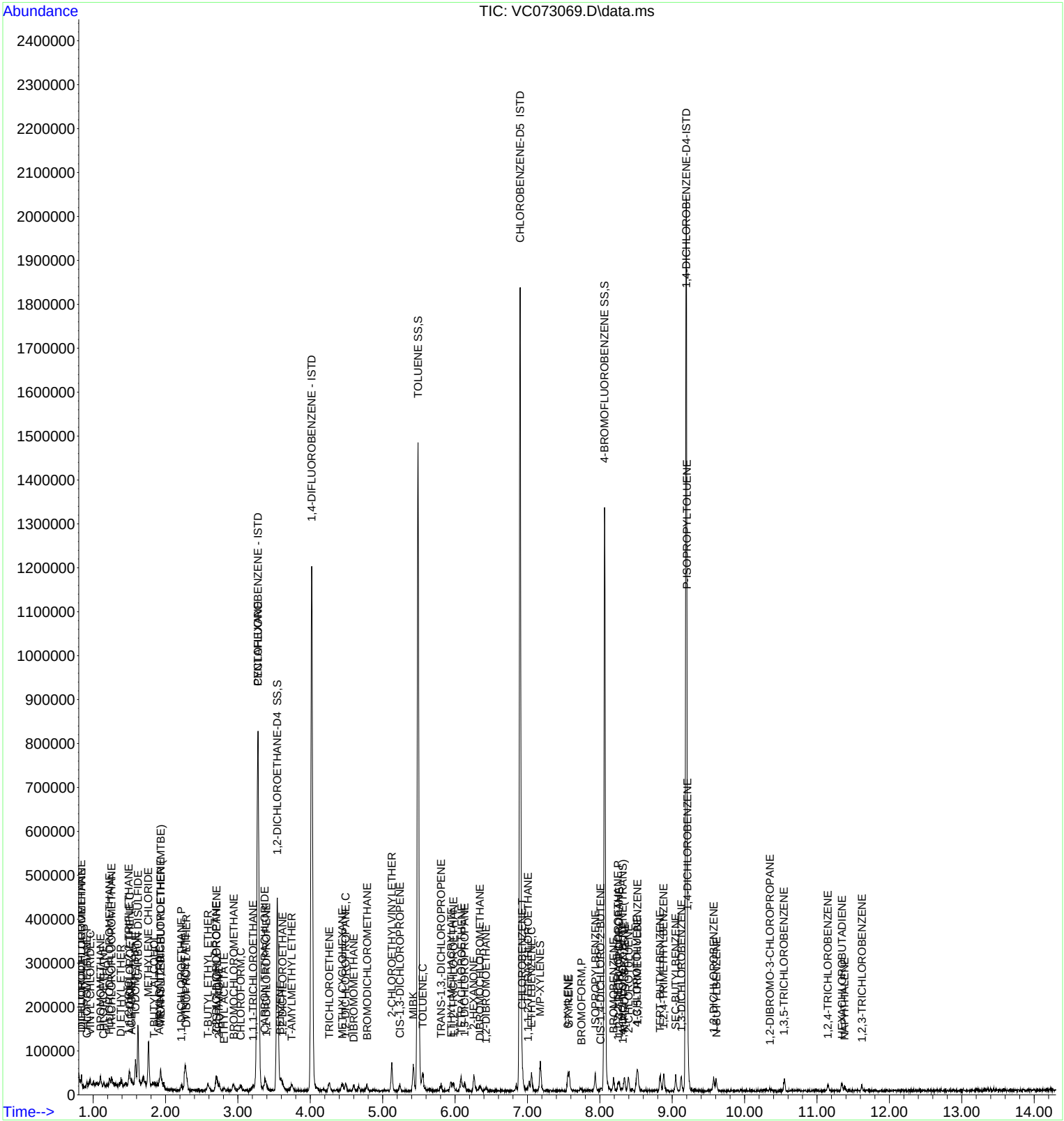
Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.422	43	27429	3.65 UG/L #	96
60) CIS-1,3-DICHLOROPROPENE	5.238	75	5268	0.31 UG/L #	87
61) TOLUENE	5.556	91	20174	0.48 UG/L	92
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	4942	0.34 UG/L #	90
63) ETHYL METHACRYLATE	5.949	69	8035	0.68 UG/L #	55
64) 1,1,2-TRICHLOROETHANE	5.980	97	3560m	0.39 UG/L	
65) 2-HEXANONE	6.259	43	17407	3.45 UG/L	100
66) TETRACHLOROETHENE	6.089	166	4464m	0.42 UG/L	
67) 1,3-DICHLOROPROPANE	6.133	76	6292	0.43 UG/L #	86
68) DIBROMOCHLOROMETHANE	6.342	129	4544m	0.41 UG/L	
69) 1,2-DIBROMOETHANE	6.426	107	3763	0.39 UG/L #	47
72) CHLOROBENZENE	6.928	112	11811	0.41 UG/L #	59
73) 1,1,1,2-TETRACHLOROETHANE	7.009	131	3284	0.30 UG/L #	83
74) ETHYLBENZENE	7.056	91	19290	0.36 UG/L	97
75) M/P-XYLENES	7.176	91	30513	0.73 UG/L	92
76) 0-XYLENE	7.558	91	15504	0.38 UG/L	91
77) STYRENE	7.575	104	10961	0.32 UG/L	99
78) BROMOFORM	7.748	173	1334m	1.25 UG/L	
79) ISOPROPYLBENZENE	7.937	105	16963	0.36 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.010	53	1845m	0.40 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	4349	0.35 UG/L #	65
82) 1,4-DICHLORO-2-BUTENE(...	8.317	53	880	0.21 UG/L #	21
83) BROMOBENZENE	8.191	77	8920	0.42 UG/L	91
84) 1,2,3-TRICHLOROPROPANE	8.267	75	4778	0.48 UG/L #	67
85) N-PROPYLBENZENE	8.342	91	17682	0.35 UG/L	98
86) 2-CHLOROT0LUENE	8.398	91	13432	0.38 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.520	105	15375	0.35 UG/L	88
88) 4-CHLOROTOLUENE	8.512	91	14829m	0.36 UG/L	
90) TERT-BUTYLBENZENE	8.833	119	11366	0.38 UG/L #	56
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	16438	0.39 UG/L	98
92) SEC-BUTYLBENZENE	9.047	105	15338	0.38 UG/L	95
93) 1,3-DICHLOROBENZENE	9.128	146	7800	0.36 UG/L #	72
94) P-ISOPROPYLTOLUENE	9.204	119	12739m	0.36 UG/L	
95) 1,4-DICHLOROBENZENE	9.212	146	10499	0.43 UG/L #	74
96) N-BUTYLBENZENE	9.613	91	11293	0.37 UG/L #	61
97) 1,2-DICHLOROBENZENE	9.574	146	8558	0.41 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.350	75	622	0.29 UG/L #	9
99) 1,3,5-TRICHLOROBENZENE	10.545	180	5049	0.34 UG/L #	48
100) 1,2,4-TRICHLOROBENZENE	11.153	180	3249	0.25 UG/L #	45
101) HEXACHLOROBUTADIENE	11.348	225	1095	0.19 UG/L #	74
102) NAPHTHALENE	11.381	128	5553m	0.20 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.624	180	2651m	0.25 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073069.D
Acq On : 13 Mar 2012 4:53 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 14 14:16:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	519145	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	795009	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	466467	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	406018	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	331728	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
49) TOLUENE SS	5.489	98	790335	25.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.28%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	351670	25.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	8729	1.40	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.843	51	7772	0.79	UG/L		97
5) CHLOROMETHANE	0.913	50	4603	0.79	UG/L		92
6) VINYL CHLORIDE	0.960	62	5720	0.59	UG/L	#	56
7) BROMOMETHANE	1.103	94	9050	1.41	UG/L		98
8) CHLOROETHANE	1.144	64	2992	0.58	UG/L	#	70
9) FLUORODICHLOROMETHANE	1.222	67	11443	0.64	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.250	101	9633	0.60	UG/L		100
12) DI ETHYL ETHER	1.384	59	4561	0.66	UG/L		97
14) ACETONE	1.532	43	16879	7.96	UG/L	#	82
15) 1,1-DICHLOROETHENE	1.501	61	10237	0.70	UG/L	#	83
16) 1,1,2-TRICL-1,2,2-TRIF...	1.490	101	5000m	0.63	UG/L		
17) IODOMETHANE	1.585	142	55685	10.01	UG/L		97
20) METHYL ACETATE	1.708	43	5849m	Below Cal			
21) T-BUTYL ALCOHOL	1.839	59	3311	4.60	UG/L	#	98
22) ACRYLONITRILE	1.922	53	2242m	0.79	UG/L		
23) METHYLENE CHLORIDE	1.763	49	21351	1.85	UG/L		96
24) CARBON DISULFIDE	1.621	76	157403	5.79	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.934	73	12077	0.47	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.936	61	8886	0.57	UG/L		98
27) 1,1-DICHLOROETHANE	2.226	63	9539	0.52	UG/L	#	85
28) VINYL ACETATE	2.274	43	80558	4.48	UG/L	#	88
29) DI ISOPROYL ETHER	2.285	45	16159	0.65	UG/L	#	81
31) 2-BUTANONE	2.734	43	18375m	5.69	UG/L		
32) T-BUTYL ETHYL ETHER	2.580	59	14994	0.51	UG/L	#	48
33) CIS-1,2-DICHLOROETHENE	2.709	61	10833	0.58	UG/L	#	77
34) 2,2-DICHLOROPROPANE	2.700	77	5785m	0.40	UG/L		
35) ETHYL ACETATE	2.806	43	6283m	0.79	UG/L		
38) BROMOCHLOROMETHANE	2.937	49	5073m	0.69	UG/L		
40) CHLOROFORM	3.032	83	10421m	0.54	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.214	97	9222m	0.50	UG/L		
42) CYCLOHEXANE	3.269	56	22321	1.64	UG/L	#	55
43) CARBON TETRACHLORIDE	3.384	117	7493m	0.49	UG/L		
44) 1,1-DICHLOROPROPENE	3.392	75	9695m	0.69	UG/L		
45) BENZENE	3.596	78	20292m	0.53	UG/L		
47) T-AMYLMETHYL ETHER	3.746	73	13054m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.626	62	11612	0.61	UG/L	#	91
51) TRICHLOROETHENE	4.265	95	6951m	0.63	UG/L		
52) METHYLCYCLOHEXANE	4.432	83	6674m	0.61	UG/L		
53) 1,2-DICHLOROPROPANE	4.488	63	6410m	0.66	UG/L		
54) DIBROMOMETHANE	4.602	93	4653m	0.64	UG/L		
57) BROMODICHLOROMETHANE	4.784	83	8141	0.53	UG/L	#	80
58) 2-CHLOROETHYLVINYLETHER	5.132	63	27259	4.99	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

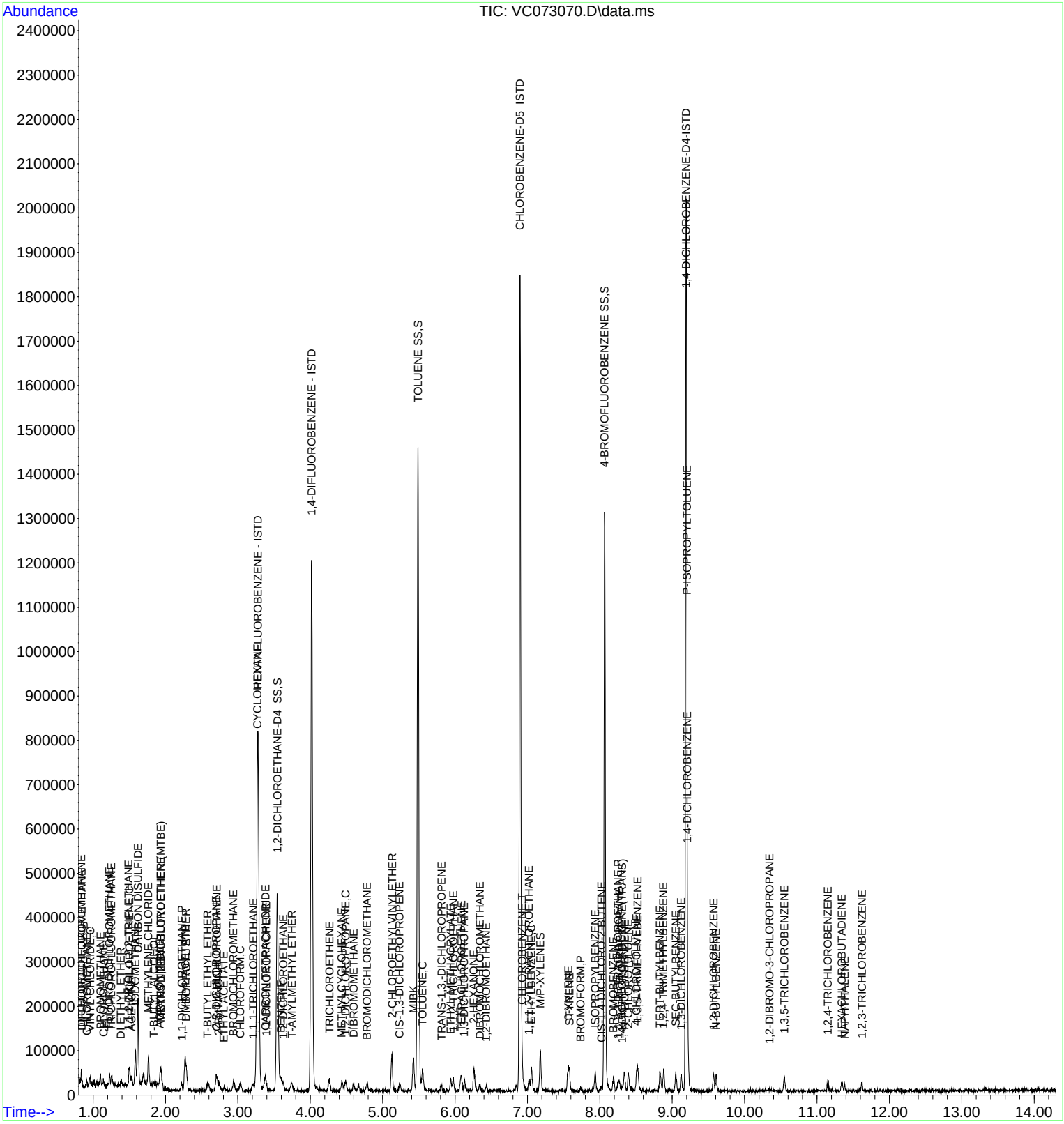
Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.425	43	37951	5.05 UG/L #	95
60) CIS-1,3-DICHLOROPROPENE	5.232	75	7422m	0.44 UG/L	
61) TOLUENE	5.550	91	22738	0.55 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.813	75	6351	0.44 UG/L #	85
63) ETHYL METHACRYLATE	5.941	69	10083m	0.86 UG/L	
64) 1,1,2-TRICHLOROETHANE	5.977	97	4796	0.52 UG/L #	86
65) 2-HEXANONE	6.259	43	25989	5.16 UG/L #	80
66) TETRACHLOROETHENE	6.089	166	6743m	0.64 UG/L	
67) 1,3-DICHLOROPROPANE	6.125	76	9060m	0.62 UG/L	
68) DIBROMOCHLOROMETHANE	6.345	129	5023	0.46 UG/L #	77
69) 1,2-DIBROMOETHANE	6.429	107	5192	0.54 UG/L #	50
72) CHLOROBENZENE	6.928	112	16271	0.58 UG/L #	36
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	3625	0.34 UG/L #	70
74) ETHYLBENZENE	7.053	91	26150	0.50 UG/L	91
75) M/P-XYLENES	7.179	91	43971	1.07 UG/L	96
76) 0-XYLENE	7.567	91	20458	0.51 UG/L	90
77) STYRENE	7.583	104	15275	0.46 UG/L	100
78) BROMOFORM	7.734	173	2716	1.41 UG/L #	64
79) ISOPROPYLBENZENE	7.935	105	21372	0.47 UG/L #	82
80) CIS-1,4-DICHLORO-2-BUTENE	8.024	53	1620	0.36 UG/L #	10
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	5853m	0.48 UG/L	
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	2322m	0.55 UG/L	
83) BROMOBENZENE	8.188	77	11097m	0.53 UG/L	
84) 1,2,3-TRICHLOROPROPANE	8.275	75	5376m	0.55 UG/L	
85) N-PROPYLBENZENE	8.342	91	23764	0.48 UG/L	99
86) 2-CHLOROT0LUENE	8.395	91	17604	0.51 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	19764	0.46 UG/L	98
88) 4-CHLOROTOLUENE	8.506	91	20905	0.53 UG/L #	84
90) TERT-BUTYLBENZENE	8.827	119	15263	0.52 UG/L #	53
91) 1,2,4-TRIMETHYLBENZENE	8.877	105	19716	0.48 UG/L	94
92) SEC-BUTYLBENZENE	9.050	105	20248	0.51 UG/L	97
93) 1,3-DICHLOROBENZENE	9.125	146	10531	0.50 UG/L #	87
94) P-ISOPROPYLTOLUENE	9.204	119	16783	0.48 UG/L #	80
95) 1,4-DICHLOROBENZENE	9.209	146	12899m	0.54 UG/L	
96) N-BUTYLBENZENE	9.605	91	14522	0.48 UG/L	90
97) 1,2-DICHLOROBENZENE	9.574	146	10821	0.53 UG/L	90
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	1622m	0.76 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.550	180	7551m	0.52 UG/L	
100) 1,2,4-TRICHLOROBENZENE	11.150	180	5052	0.40 UG/L	96
101) HEXACHLOROBUTADIENE	11.345	225	2818m	0.50 UG/L	
102) NAPHTHALENE	11.384	128	7096m	0.26 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.621	180	3549	0.34 UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073070.D
Acq On : 13 Mar 2012 5:23 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 14 15:02:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	511475	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	792610	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	466008	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	410641	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	329169	25.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.96%				
49) TOLUENE SS	5.489	98	791859	25.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.80%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	345953	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	13691	1.92	UG/L		94
4) DIFLUOROCHLOROMETHANE	0.840	51	14143	1.46	UG/L		94
5) CHLOROMETHANE	0.913	50	8894	1.55	UG/L		99
6) VINYL CHLORIDE	0.960	62	11647	1.23	UG/L	#	85
7) BROMOMETHANE	1.100	94	13244	2.08	UG/L		98
8) CHLOROETHANE	1.144	64	6962	1.36	UG/L		94
9) FLUORODICHLOROMETHANE	1.228	67	20543	1.17	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.256	101	17550	1.11	UG/L		98
12) DI ETHYL ETHER	1.387	59	7280	1.08	UG/L	#	90
13) ACROLEIN	1.454	56	1233	1.05	UG/L	#	2
14) ACETONE	1.529	43	28159	13.48	UG/L		93
15) 1,1-DICHLOROETHENE	1.504	61	17846	1.24	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	9243	1.19	UG/L	#	54
17) IODOMETHANE	1.585	142	108754	13.16	UG/L		100
20) METHYL ACETATE	1.705	43	12505m	0.08	UG/L		
21) T-BUTYL ALCOHOL	1.836	59	7151m	10.08	UG/L		
22) ACRYLONITRILE	1.922	53	4352m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.766	49	27715	2.44	UG/L		95
24) CARBON DISULFIDE	1.618	76	298556	11.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	24089	0.95	UG/L	#	80
26) TRANS 1,2-DICHLOROETHENE	1.931	61	16929	1.10	UG/L		99
27) 1,1-DICHLOROETHANE	2.221	63	21343	1.17	UG/L		98
28) VINYL ACETATE	2.268	43	156278	8.82	UG/L		100
29) DI ISOPROYL ETHER	2.288	45	25666m	1.05	UG/L		
31) 2-BUTANONE	2.737	43	33304	10.47	UG/L	#	71
32) T-BUTYL ETHYL ETHER	2.580	59	30616	1.07	UG/L	#	73
33) CIS-1,2-DICHLOROETHENE	2.709	61	19673	1.07	UG/L		96
34) 2,2-DICHLOROPROPANE	2.706	77	12541	0.87	UG/L	#	86
35) ETHYL ACETATE	2.820	43	11168m	1.42	UG/L		
38) BROMOCHLOROMETHANE	2.937	49	8478m	1.18	UG/L		
39) TETRAHYDROFURAN	3.015	42	2350m	1.28	UG/L		
40) CHLOROFORM	3.043	83	17586	0.92	UG/L		86
41) 1,1,1-TRICHLOROETHANE	3.208	97	17285m	0.95	UG/L		
42) CYCLOHEXANE	3.264	56	29741m	2.21	UG/L		
43) CARBON TETRACHLORIDE	3.361	117	11846m	0.79	UG/L		
44) 1,1-DICHLOROPROPENE	3.375	75	15887m	1.14	UG/L		
45) BENZENE	3.593	78	38019	1.01	UG/L	#	72
47) T-AMYLMETHYL ETHER	3.738	73	24473m	0.95	UG/L		
50) 1,2-DICHLOROETHANE	3.626	62	20370	1.07	UG/L	#	93
51) TRICHLOROETHENE	4.265	95	10598	0.97	UG/L		97
52) METHYLCYCLOHEXANE	4.438	83	13044m	1.20	UG/L		
53) 1,2-DICHLOROPROPANE	4.493	63	10462m	1.09	UG/L		
54) DIBROMOMETHANE	4.597	93	7942m	1.10	UG/L		

Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

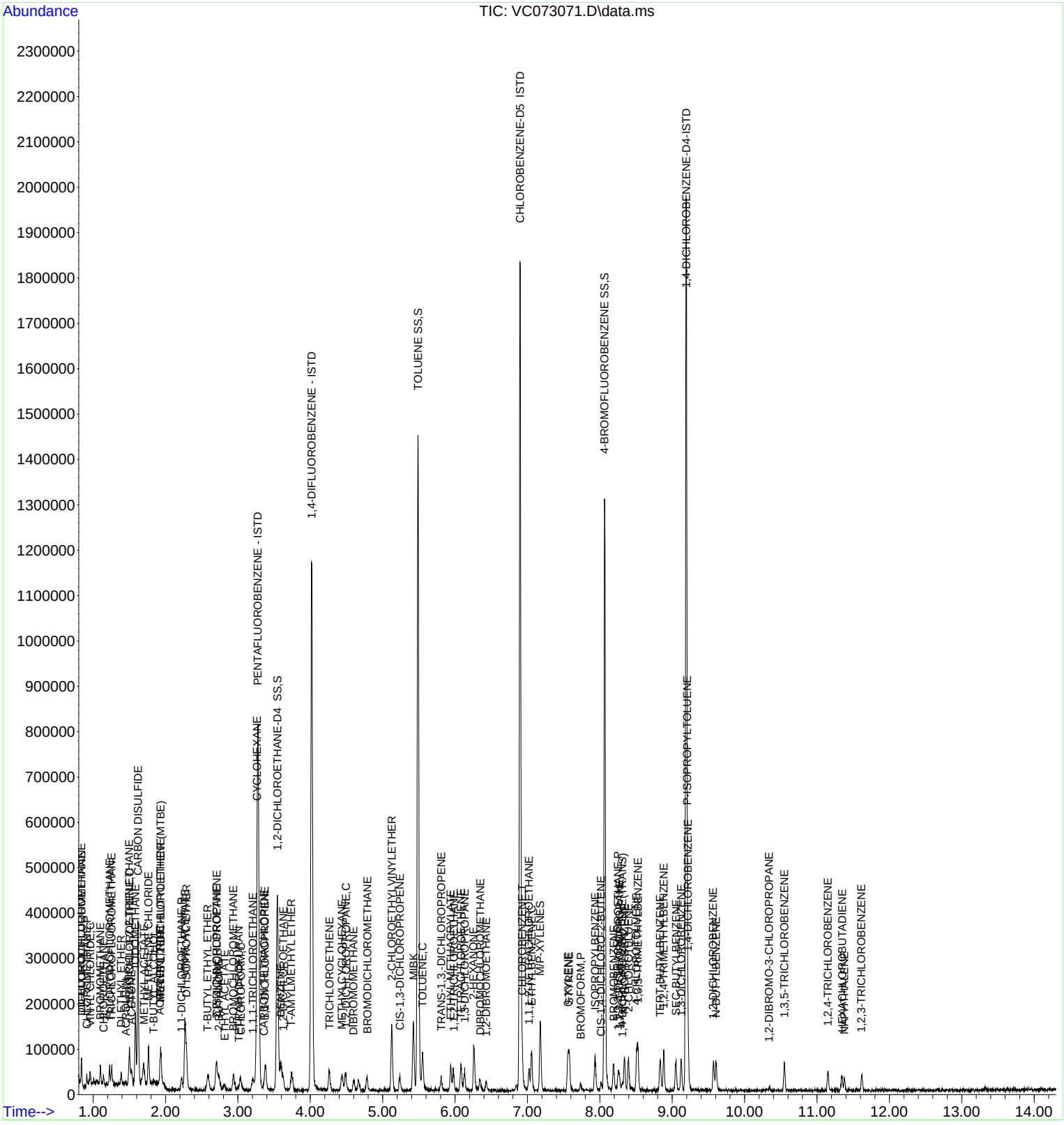
Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.789	83	13886	0.90	UG/L	#	75
58)	2-CHLOROETHYLVINYLETHER	5.126	63	51382	9.44	UG/L	#	100
59)	MIBK	5.428	43	76957	10.27	UG/L		99
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	12316	0.74	UG/L	#	88
61)	TOLUENE	5.550	91	43130	1.04	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.810	75	10604	0.73	UG/L		96
63)	ETHYL METHACRYLATE	5.938	69	18868	1.61	UG/L		88
64)	1,1,2-TRICHLOROETHANE	5.985	97	9189m	1.01	UG/L		
65)	2-HEXANONE	6.256	43	50694	10.09	UG/L		99
66)	TETRACHLOROETHENE	6.080	166	10652	1.01	UG/L		99
67)	1,3-DICHLOROPROPANE	6.133	76	16277	1.11	UG/L		96
68)	DIBROMOCHLOROMETHANE	6.351	129	8525	0.78	UG/L	#	67
69)	1,2-DIBROMOETHANE	6.431	107	9726	1.01	UG/L		87
72)	CHLOROBENZENE	6.928	112	26044	0.93	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	8270	0.77	UG/L	#	75
74)	ETHYLBENZENE	7.059	91	47759m	0.92	UG/L		
75)	M/P-XYLENES	7.176	91	77940	1.90	UG/L		92
76)	0-XYLENE	7.561	91	37629	0.94	UG/L		99
77)	STYRENE	7.578	104	29166	0.87	UG/L	#	65
78)	BROMOFORM	7.737	173	4653m	1.64	UG/L		
79)	ISOPROPYLBENZENE	7.935	105	40419	0.88	UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	3300	0.74	UG/L	#	46
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	10240m	0.84	UG/L		
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	3400m	0.81	UG/L		
83)	BROMOBENZENE	8.194	77	21176	1.02	UG/L		91
84)	1,2,3-TRICHLOROPROPANE	8.272	75	9389	0.96	UG/L		91
85)	N-PROPYLBENZENE	8.342	91	46783	0.94	UG/L		98
86)	2-CHLOROT0LUENE	8.398	91	30604	0.89	UG/L		95
87)	1,3,5-TRIMETHYLBENZENE	8.529	105	38957	0.91	UG/L	#	76
88)	4-CHLOROTOLUENE	8.506	91	37596	0.95	UG/L		99
90)	TERT-BUTYLBENZENE	8.833	119	25948m	0.88	UG/L		
91)	1,2,4-TRIMETHYLBENZENE	8.886	105	37193	0.89	UG/L		97
92)	SEC-BUTYLBENZENE	9.053	105	35927	0.89	UG/L		95
93)	1,3-DICHLOROBENZENE	9.125	146	18911	0.88	UG/L	#	88
94)	P-ISOPROPYLTOLUENE	9.209	119	31283	0.89	UG/L	#	92
95)	1,4-DICHLOROBENZENE	9.217	146	22984	0.95	UG/L	#	85
96)	N-BUTYLBENZENE	9.608	91	26032	0.85	UG/L		98
97)	1,2-DICHLOROBENZENE	9.566	146	18890	0.91	UG/L	#	93
98)	1,2-DIBROMO-3-CHLOROPR...	10.338	75	2037	0.95	UG/L	#	27
99)	1,3,5-TRICHLOROBENZENE	10.550	180	14315	0.98	UG/L		90
100)	1,2,4-TRICHLOROBENZENE	11.153	180	10543m	0.83	UG/L		
101)	HEXACHLOROBUTADIENE	11.351	225	5200m	0.92	UG/L		
102)	NAPHTHALENE	11.379	128	13983	0.52	UG/L	#	82
103)	1,2,3-TRICHLOROBENZENE	11.613	180	7483	0.70	UG/L	#	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073071.D
Acq On : 13 Mar 2012 5:52 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 14 15:03:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	545896	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	837663	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	493802	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	440630	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	348683	25.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.20%				
49) TOLUENE SS	5.489	98	836820	25.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.76%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	375102	25.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	30204	3.41	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.840	51	28891	2.79	UG/L		97
5) CHLOROMETHANE	0.915	50	18376	3.00	UG/L		97
6) VINYL CHLORIDE	0.960	62	25740	2.54	UG/L		98
7) BROMOMETHANE	1.100	94	21464	3.16	UG/L		96
8) CHLOROETHANE	1.144	64	12824	2.34	UG/L	#	89
9) FLUORODICHLOROMETHANE	1.225	67	42875	2.30	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.253	101	39478	2.33	UG/L		96
12) DI ETHYL ETHER	1.384	59	16487	2.28	UG/L		97
13) ACROLEIN	1.459	56	1690m	1.34	UG/L		
14) ACETONE	1.529	43	45339	20.33	UG/L		95
15) 1,1-DICHLOROETHENE	1.504	61	35471	2.32	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.507	101	20127	2.42	UG/L	#	45
17) IODOMETHANE	1.585	142	261831	21.14	UG/L		99
20) METHYL ACETATE	1.710	43	24102	1.61	UG/L	#	73
21) T-BUTYL ALCOHOL	1.841	59	11430	15.10	UG/L	#	81
22) ACRYLONITRILE	1.925	53	6680	2.23	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	41846	3.46	UG/L		93
24) CARBON DISULFIDE	1.621	76	626725	21.92	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	46458	1.72	UG/L	#	83
26) TRANS 1,2-DICHLOROETHENE	1.931	61	34530	2.10	UG/L		96
27) 1,1-DICHLOROETHANE	2.226	63	38607	1.99	UG/L		96
28) VINYL ACETATE	2.271	43	346757	18.34	UG/L		98
29) DI ISOPROYL ETHER	2.287	45	51924	1.99	UG/L		97
31) 2-BUTANONE	2.742	43	63074	18.57	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.586	59	61795	2.02	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.709	61	39780	2.04	UG/L	#	89
34) 2,2-DICHLOROPROPANE	2.697	77	24377m	1.59	UG/L		
35) ETHYL ACETATE	2.809	43	21267m	2.54	UG/L		
38) BROMOCHLOROMETHANE	2.943	49	18376m	2.39	UG/L		
39) TETRAHYDROFURAN	2.996	42	3723m	1.89	UG/L		
40) CHLOROFORM	3.040	83	41241	2.02	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	32827	1.69	UG/L	#	82
42) CYCLOHEXANE	3.264	56	46359	3.23	UG/L	#	41
43) CARBON TETRACHLORIDE	3.375	117	23847	1.49	UG/L	#	45
44) 1,1-DICHLOROPROPENE	3.381	75	33209	2.23	UG/L	#	84
45) BENZENE	3.593	78	80226	2.00	UG/L	#	81
47) T-AMYLMETHYL ETHER	3.743	73	45357	1.66	UG/L	#	81
50) 1,2-DICHLOROETHANE	3.626	62	42136	2.10	UG/L	#	94
51) TRICHLOROETHENE	4.265	95	22113	1.91	UG/L		94
52) METHYLCYCLOHEXANE	4.440	83	24116m	2.10	UG/L		
53) 1,2-DICHLOROPROPANE	4.496	63	20723	2.04	UG/L	#	77
54) DIBROMOMETHANE	4.599	93	15433m	2.02	UG/L		

Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

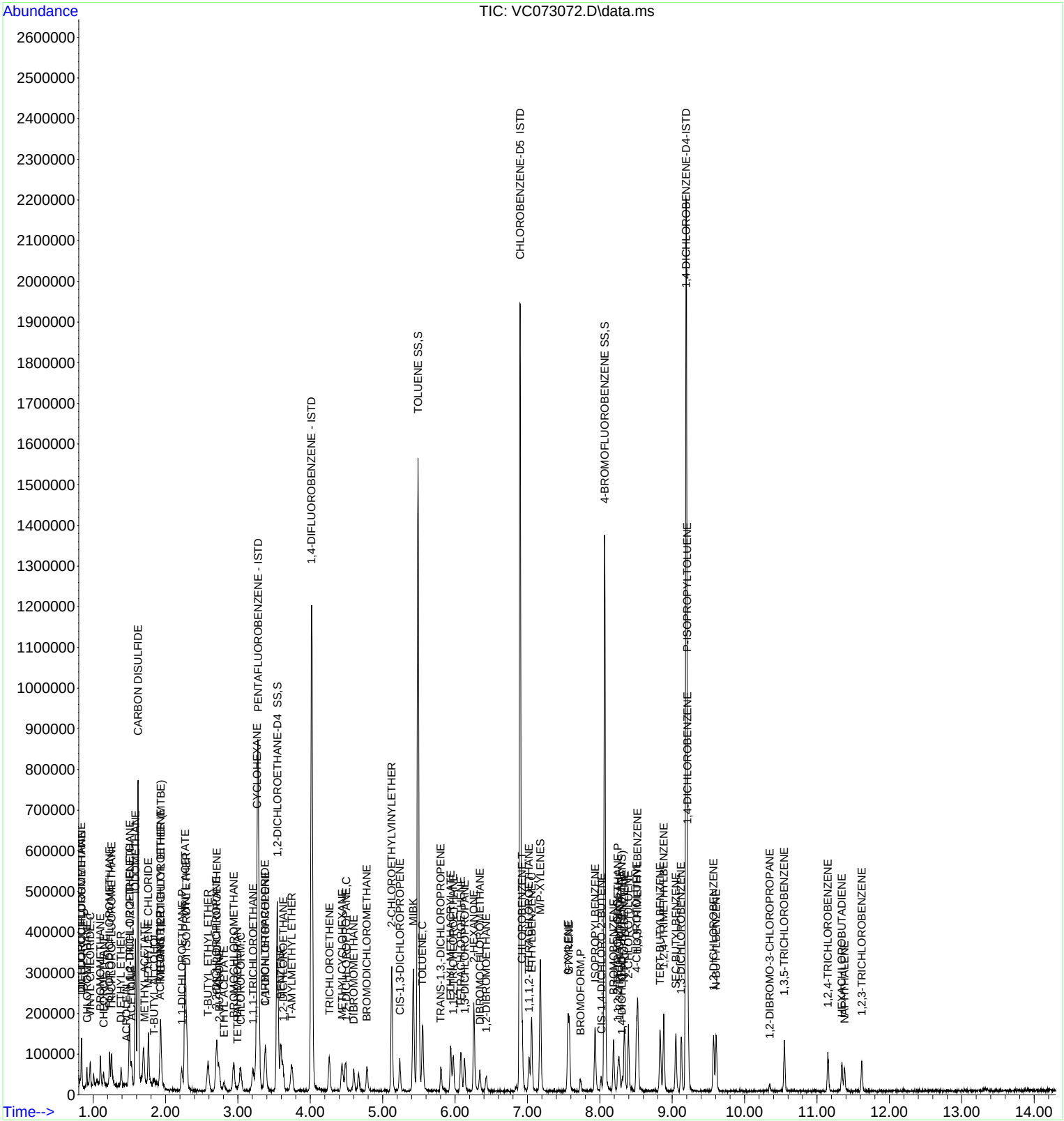
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.781	83	29070	1.78	UG/L	#	98
58) 2-CHLOROETHYLVINYLETHER	5.124	63	111811	19.44	UG/L	#	100
59) MIBK	5.422	43	151244	19.10	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	29795	1.69	UG/L		99
61) TOLUENE	5.547	91	89776	2.05	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.801	75	21352	1.39	UG/L	#	89
63) ETHYL METHACRYLATE	5.938	69	39710	3.20	UG/L	#	86
64) 1,1,2-TRICHLOROETHANE	5.974	97	20251	2.10	UG/L	#	65
65) 2-HEXANONE	6.261	43	104035	19.60	UG/L		96
66) TETRACHLOROETHENE	6.080	166	22483	2.03	UG/L		100
67) 1,3-DICHLOROPROPANE	6.133	76	33115	2.14	UG/L		98
68) DIBROMOCHLOROMETHANE	6.342	129	16833	1.45	UG/L		88
69) 1,2-DIBROMOETHANE	6.431	107	19734	1.94	UG/L		95
72) CHLOROBENZENE	6.925	112	56564	1.90	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	14856	1.30	UG/L	#	92
74) ETHYLBENZENE	7.059	91	103099	1.88	UG/L		96
75) M/P-XYLENES	7.179	91	158267	3.63	UG/L		99
76) 0-XYLENE	7.561	91	74064	1.74	UG/L		96
77) STYRENE	7.578	104	61230	1.73	UG/L		96
78) BROMOFORM	7.734	173	9671	2.16	UG/L		89
79) ISOPROPYLBENZENE	7.934	105	83381	1.72	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	7129m	1.51	UG/L		
81) 1,1,2,2-TETRACHLOROETHANE	8.247	83	20965	1.62	UG/L	#	93
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	6365m	1.43	UG/L		
83) BROMOBENZENE	8.191	77	39741	1.81	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.272	75	18822m	1.81	UG/L		
85) N-PROPYLBENZENE	8.339	91	96262	1.82	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	67555	1.86	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.520	105	80479	1.78	UG/L		98
88) 4-CHLOROTOLUENE	8.509	91	80355	1.91	UG/L		100
90) TERT-BUTYLBENZENE	8.832	119	54945	1.74	UG/L		92
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	81319	1.81	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	76305	1.77	UG/L	#	83
93) 1,3-DICHLOROBENZENE	9.122	146	41093	1.78	UG/L		96
94) P-ISOPROPYLTOLUENE	9.206	119	66658	1.76	UG/L		94
95) 1,4-DICHLOROBENZENE	9.212	146	42694	1.65	UG/L	#	87
96) N-BUTYLBENZENE	9.605	91	58579	1.77	UG/L		100
97) 1,2-DICHLOROBENZENE	9.571	146	41353	1.87	UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	3785	1.64	UG/L	#	63
99) 1,3,5-TRICHLOROBENZENE	10.547	180	27713	1.76	UG/L		97
100) 1,2,4-TRICHLOROBENZENE	11.150	180	22926	1.68	UG/L		89
101) HEXACHLOROBUTADIENE	11.345	225	10950	1.80	UG/L	#	87
102) NAPHTHALENE	11.381	128	30255	1.04	UG/L	#	90
103) 1,2,3-TRICHLOROBENZENE	11.618	180	16548	1.45	UG/L		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073072.D
Acq On : 13 Mar 2012 6:22 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 14 14:38:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	540423	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	830184	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	492700	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	430680	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	341770	25.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%				
49) TOLUENE SS	5.489	98	804999	25.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	369666	25.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	72604	7.51	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	71101	6.95	UG/L		98
5) CHLOROMETHANE	0.913	50	45119	7.44	UG/L		95
6) VINYL CHLORIDE	0.960	62	66149	6.59	UG/L		100
7) BROMOMETHANE	1.100	94	45605	6.77	UG/L		96
8) CHLOROETHANE	1.141	64	31427	5.80	UG/L		96
9) FLUORODICHLOROMETHANE	1.228	67	105189	5.69	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	95173	5.67	UG/L		97
12) DI ETHYL ETHER	1.390	59	39052	5.46	UG/L		94
13) ACROLEIN	1.448	56	3047	2.45	UG/L	#	49
14) ACETONE	1.529	43	108730	49.25	UG/L		100
15) 1,1-DICHLOROETHENE	1.504	61	86637	5.72	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	45042	5.48	UG/L		97
17) IODOMETHANE	1.585	142	761527	48.93	UG/L		96
20) METHYL ACETATE	1.707	43	54063	5.95	UG/L		96
21) T-BUTYL ALCOHOL	1.839	59	31685	42.28	UG/L	#	70
22) ACRYLONITRILE	1.925	53	14235m	4.81	UG/L		
23) METHYLENE CHLORIDE	1.769	49	84895	7.08	UG/L		92
24) CARBON DISULFIDE	1.618	76	1601660	56.59	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	121239	4.54	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	1.933	61	81820	5.02	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	98803	5.13	UG/L		99
28) VINYL ACETATE	2.268	43	934480	49.91	UG/L		98
29) DI ISOPROYL ETHER	2.279	45	141071	5.46	UG/L		95
31) 2-BUTANONE	2.736	43	170289	50.65	UG/L	#	68
32) T-BUTYL ETHYL ETHER	2.589	59	151515	4.99	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.711	61	103994	5.37	UG/L		98
34) 2,2-DICHLOROPROPANE	2.709	77	60591	4.00	UG/L		99
35) ETHYL ACETATE	2.809	43	41761	5.04	UG/L	#	77
38) BROMOCHLOROMETHANE	2.937	49	45143	5.93	UG/L		85
39) TETRAHYDROFURAN	3.004	42	9155m	4.71	UG/L		
40) CHLOROFORM	3.038	83	102385	5.07	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.213	97	86285	4.49	UG/L		94
42) CYCLOHEXANE	3.252	56	92503	6.51	UG/L		89
43) CARBON TETRACHLORIDE	3.378	117	58726	3.71	UG/L		98
44) 1,1-DICHLOROPROPENE	3.383	75	76074	5.16	UG/L		97
45) BENZENE	3.593	78	206290	5.19	UG/L	#	92
47) T-AMYLMETHYL ETHER	3.746	73	124778	4.60	UG/L	#	73
50) 1,2-DICHLOROETHANE	3.626	62	106301	5.35	UG/L		99
51) TRICHLOROETHENE	4.262	95	56265	4.91	UG/L		97
52) METHYLCYCLOHEXANE	4.432	83	60189	5.29	UG/L		92
53) 1,2-DICHLOROPROPANE	4.488	63	51976	5.15	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	35262	4.66	UG/L		98

Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

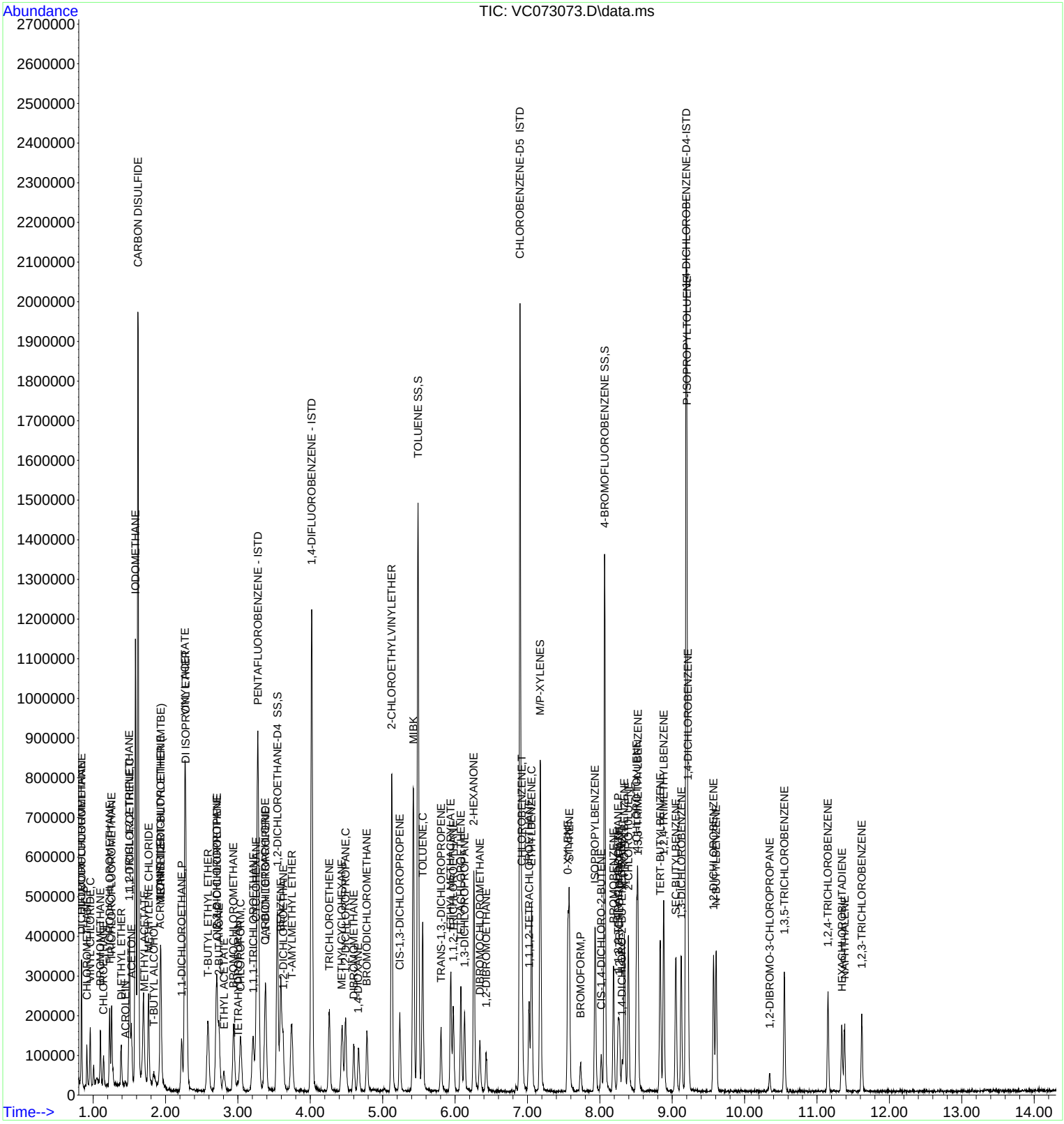
Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.661	88	3712m	50.48	UG/L		
57) BROMODICHLOROMETHANE	4.781	83	76838	4.75	UG/L		100
58) 2-CHLOROETHYLVINYLETHER	5.124	63	297091	52.13	UG/L	#	100
59) MIBK	5.425	43	400017	50.96	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.235	75	78420	4.49	UG/L		99
61) TOLUENE	5.553	91	228504	5.26	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	59333	3.90	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	108092	8.80	UG/L		87
64) 1,1,2-TRICHLOROETHANE	5.974	97	41529	4.34	UG/L		88
65) 2-HEXANONE	6.258	43	274446	52.18	UG/L		96
66) TETRACHLOROETHENE	6.080	166	55477	5.05	UG/L		95
67) 1,3-DICHLOROPROPANE	6.130	76	80804	5.28	UG/L		98
68) DIBROMOCHLOROMETHANE	6.342	129	49798	4.33	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	48492	4.80	UG/L		97
72) CHLOROBENZENE	6.922	112	140598	4.72	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	44366	3.89	UG/L		97
74) ETHYLBENZENE	7.056	91	269397	4.91	UG/L		99
75) M/P-XYLENES	7.176	91	422251	9.72	UG/L		98
76) 0-XYLENE	7.558	91	200820	4.74	UG/L		97
77) STYRENE	7.580	104	164526	4.65	UG/L		96
78) BROMOFORM	7.734	173	25178	3.87	UG/L	#	96
79) ISOPROPYLBENZENE	7.932	105	235619	4.87	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	17666	3.75	UG/L	#	64
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	56641	4.40	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	15488	3.50	UG/L	#	80
83) BROMOBENZENE	8.191	77	109256	4.98	UG/L		92
84) 1,2,3-TRICHLOROPROPANE	8.269	75	49219	4.74	UG/L		99
85) N-PROPYLBENZENE	8.339	91	259032	4.91	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	173838	4.80	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.528	105	218738	4.85	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	210032	5.00	UG/L		98
90) TERT-BUTYLBENZENE	8.835	119	147700	4.78	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	219426	4.99	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	207315	4.91	UG/L		99
93) 1,3-DICHLOROBENZENE	9.128	146	103159	4.58	UG/L		99
94) P-ISOPROPYLTOLUENE	9.203	119	172774	4.68	UG/L		98
95) 1,4-DICHLOROBENZENE	9.217	146	116121	4.58	UG/L		93
96) N-BUTYLBENZENE	9.608	91	158769	4.91	UG/L		96
97) 1,2-DICHLOROBENZENE	9.571	146	103047	4.76	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	8155	3.61	UG/L		87
99) 1,3,5-TRICHLOROBENZENE	10.550	180	71406	4.64	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	56156	4.20	UG/L		99
101) HEXACHLOROBUTADIENE	11.348	225	25072	4.21	UG/L		96
102) NAPHTHALENE	11.384	128	88877	3.12	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.618	180	42605	3.82	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073073.D
Acq On : 13 Mar 2012 6:52 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 14 14:40:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	538975	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	826552	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482021	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	422477	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	342127	25.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%				
49) TOLUENE SS	5.489	98	814082	25.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	363138	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	138785	13.91	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	142458	13.95	UG/L		95
5) CHLOROMETHANE	0.913	50	84020	13.90	UG/L		99
6) VINYL CHLORIDE	0.960	62	126363	12.62	UG/L		98
7) BROMOMETHANE	1.100	94	74646	11.10	UG/L		95
8) CHLOROETHANE	1.144	64	61407	11.37	UG/L		95
9) FLUORODICHLOROMETHANE	1.228	67	207308	11.25	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	184949	11.06	UG/L		98
12) DI ETHYL ETHER	1.387	59	75034	10.53	UG/L		96
13) ACROLEIN	1.454	56	7077	5.70	UG/L	#	13
14) ACETONE	1.529	43	226524	102.87	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	181722	12.02	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	87275	10.65	UG/L		99
17) IODOMETHANE	1.585	142	1658716	98.80	UG/L		99
20) METHYL ACETATE	1.705	43	115625	14.83	UG/L		95
21) T-BUTYL ALCOHOL	1.841	59	56144	75.12	UG/L	#	86
22) ACRYLONITRILE	1.917	53	29659	10.05	UG/L		97
23) METHYLENE CHLORIDE	1.763	49	151597	12.68	UG/L		92
24) CARBON DISULFIDE	1.618	76	3189826	113.01	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	247136	9.29	UG/L	#	77
26) TRANS 1,2-DICHLOROETHENE	1.931	61	172964	10.65	UG/L		96
27) 1,1-DICHLOROETHANE	2.221	63	202469	10.55	UG/L		98
28) VINYL ACETATE	2.268	43	1777654	95.21	UG/L		98
29) DI ISOPROYL ETHER	2.282	45	279318	10.85	UG/L		96
31) 2-BUTANONE	2.739	43	345606	103.08	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	323425	10.69	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	208087	10.78	UG/L		94
34) 2,2-DICHLOROPROPANE	2.703	77	127692	8.45	UG/L		98
35) ETHYL ACETATE	2.812	43	92067	11.14	UG/L	#	87
38) BROMOCHLOROMETHANE	2.940	49	85003	11.19	UG/L		87
39) TETRAHYDROFURAN	2.996	42	18087m	9.32	UG/L		
40) CHLOROFORM	3.035	83	214645	10.66	UG/L		94
41) 1,1,1-TRICHLOROETHANE	3.211	97	172486	9.00	UG/L	#	72
42) CYCLOHEXANE	3.255	56	169972	12.00	UG/L		88
43) CARBON TETRACHLORIDE	3.375	117	123440	7.82	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	152323	10.37	UG/L		94
45) BENZENE	3.590	78	414991	10.47	UG/L		97
47) T-AMYLMETHYL ETHER	3.740	73	258130	9.55	UG/L	#	91
50) 1,2-DICHLOROETHANE	3.623	62	220346	11.14	UG/L	#	90
51) TRICHLOROETHENE	4.259	95	111521	9.77	UG/L		99
52) METHYLCYCLOHEXANE	4.443	83	124890	11.03	UG/L	#	89
53) 1,2-DICHLOROPROPANE	4.485	63	103211	10.28	UG/L	#	98
54) DIBROMOMETHANE	4.602	93	72443	9.61	UG/L		97

Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

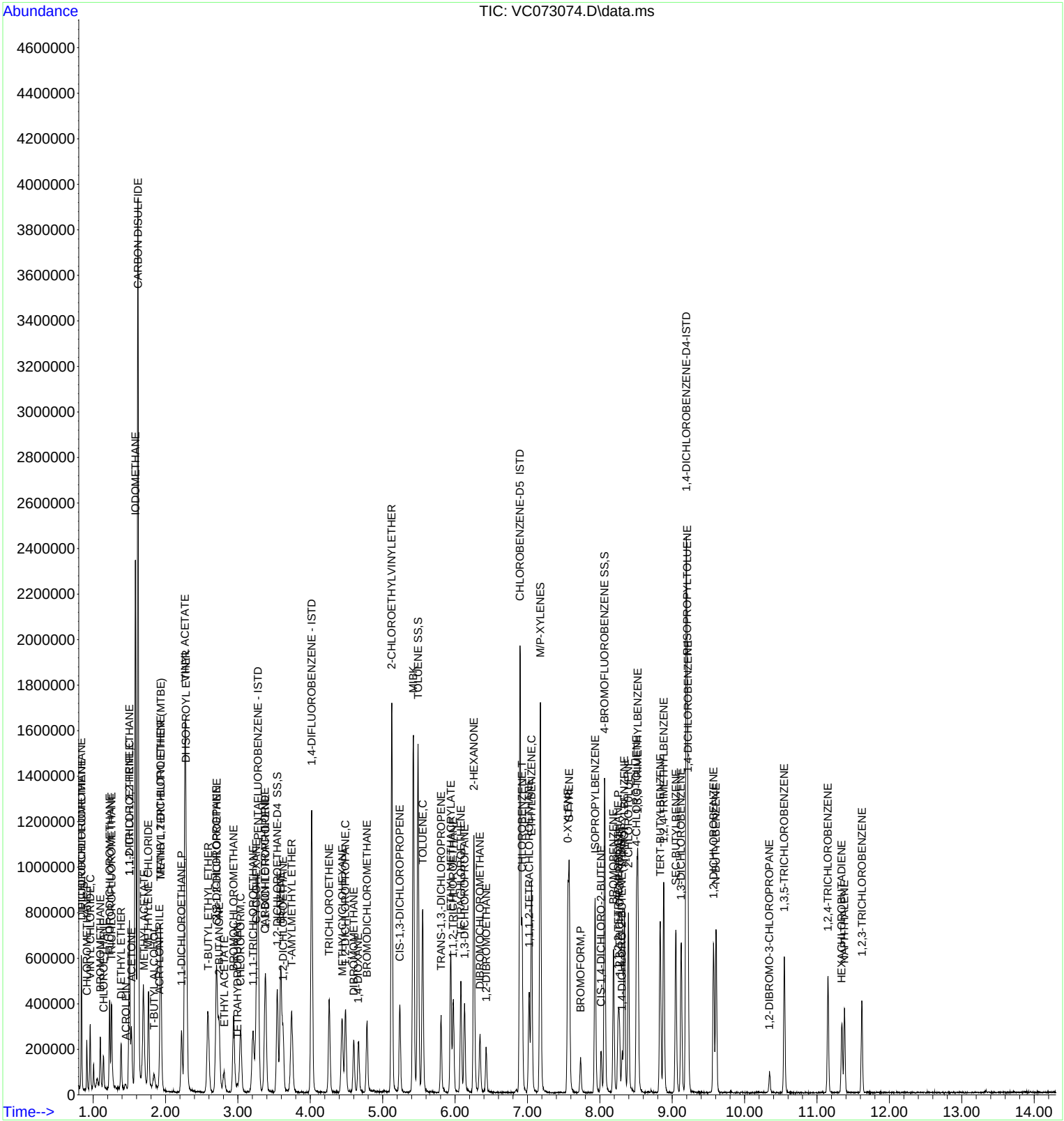
Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.661	88	5994m	81.86 UG/L	
57) BROMODICHLOROMETHANE	4.783	83	163437	10.15 UG/L	97
58) 2-CHLOROETHYLVINYLETHER	5.124	63	623282	109.84 UG/L #	100
59) MIBK	5.422	43	808633	103.47 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.235	75	170994	9.84 UG/L	98
61) TOLUENE	5.553	91	462646	10.70 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	136040	8.99 UG/L	98
63) ETHYL METHACRYLATE	5.943	69	239358	19.57 UG/L	93
64) 1,1,2-TRICHLOROETHANE	5.971	97	94792	9.95 UG/L	97
65) 2-HEXANONE	6.261	43	564280	107.75 UG/L	96
66) TETRACHLOROETHENE	6.080	166	104870	9.58 UG/L	95
67) 1,3-DICHLOROPROPANE	6.130	76	159844	10.49 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	97540	8.52 UG/L	94
69) 1,2-DIBROMOETHANE	6.429	107	99696	9.91 UG/L	99
72) CHLOROBENZENE	6.925	112	284451	9.77 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	88044	7.90 UG/L	97
74) ETHYLBENZENE	7.056	91	536989	10.01 UG/L	100
75) M/P-XYLENES	7.179	91	844654	19.87 UG/L	97
76) 0-XYLENE	7.558	91	410610	9.91 UG/L	99
77) STYRENE	7.578	104	344036	9.94 UG/L	100
78) BROMOFORM	7.734	173	52144	6.98 UG/L #	98
79) ISOPROPYLBENZENE	7.934	105	473342	9.99 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	37919	8.22 UG/L #	67
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	116952	9.29 UG/L	93
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	34625	7.99 UG/L #	73
83) BROMOBENZENE	8.188	77	213180	9.94 UG/L	94
84) 1,2,3-TRICHLOROPROPANE	8.272	75	95320	9.38 UG/L	98
85) N-PROPYLBENZENE	8.339	91	517633	10.02 UG/L	100
86) 2-CHLOROT0LUENE	8.395	91	365998	10.32 UG/L	97
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	433762	9.82 UG/L	99
88) 4-CHLOROTOLUENE	8.506	91	414159	10.08 UG/L	96
90) TERT-BUTYLBENZENE	8.835	119	297040	9.79 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	433957	10.07 UG/L	98
92) SEC-BUTYLBENZENE	9.050	105	419236	10.12 UG/L	100
93) 1,3-DICHLOROBENZENE	9.122	146	212197	9.61 UG/L	98
94) P-ISOPROPYLTOLUENE	9.209	119	356393	9.84 UG/L	97
95) 1,4-DICHLOROBENZENE	9.217	146	239776	9.64 UG/L	97
96) N-BUTYLBENZENE	9.605	91	331956	10.47 UG/L	95
97) 1,2-DICHLOROBENZENE	9.571	146	204374	9.62 UG/L	95
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	17553	7.93 UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.547	180	150548	9.98 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	120013	9.15 UG/L	97
101) HEXACHLOROBUTADIENE	11.339	225	51208	8.77 UG/L	95
102) NAPHTHALENE	11.378	128	217878	7.81 UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	93160	8.53 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073074.D
Acq On : 13 Mar 2012 7:22 pm
Operator :
Sample : 8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 14 14:42:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	521354	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	806249	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	487244	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	432918	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	328214	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%				
49) TOLUENE SS	5.489	98	800320	25.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.12%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	370195	25.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	259872	26.43	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	284716	28.83	UG/L		94
5) CHLOROMETHANE	0.913	50	166994	28.56	UG/L		99
6) VINYL CHLORIDE	0.960	62	260394	26.90	UG/L		98
7) BROMOMETHANE	1.097	94	139583	21.45	UG/L		95
8) CHLOROETHANE	1.141	64	129057	24.71	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	434394	24.37	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	380756	23.53	UG/L		99
12) DI ETHYL ETHER	1.387	59	158591	23.00	UG/L		98
13) ACROLEIN	1.454	56	11614	9.67	UG/L	#	24
14) ACETONE	1.529	43	457439	214.76	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	366867	25.09	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	177251	22.36	UG/L		98
17) IODOMETHANE	1.585	142	3631867	215.06	UG/L		99
20) METHYL ACETATE	1.707	43	221055	31.09	UG/L		95
21) T-BUTYL ALCOHOL	1.839	59	123160	170.35	UG/L	#	77
22) ACRYLONITRILE	1.917	53	58080	20.34	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	287978	24.91	UG/L		95
24) CARBON DISULFIDE	1.618	76	6650803	243.59	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	519499	20.18	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	349579	22.25	UG/L		99
27) 1,1-DICHLOROETHANE	2.226	63	425012	22.90	UG/L		99
28) VINYL ACETATE	2.271	43	4104811	227.27	UG/L		98
29) DI ISOPROYL ETHER	2.285	45	598248	24.02	UG/L		96
31) 2-BUTANONE	2.736	43	722732	222.85	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	673390	23.00	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.709	61	443199	23.74	UG/L		93
34) 2,2-DICHLOROPROPANE	2.703	77	285986	19.56	UG/L		99
35) ETHYL ACETATE	2.806	43	176971	22.13	UG/L	#	91
38) BROMOCHLOROMETHANE	2.940	49	182295	24.81	UG/L		86
39) TETRAHYDROFURAN	2.990	42	38144m	20.32	UG/L		
40) CHLOROFORM	3.038	83	432371	22.20	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.205	97	377333	20.36	UG/L		96
42) CYCLOHEXANE	3.252	56	337215	24.61	UG/L		93
43) CARBON TETRACHLORIDE	3.372	117	272670	17.85	UG/L		97
44) 1,1-DICHLOROPROPENE	3.383	75	316576	22.28	UG/L		97
45) BENZENE	3.593	78	861602	22.47	UG/L		98
47) T-AMYLMETHYL ETHER	3.740	73	549502	21.01	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.623	62	455910	23.63	UG/L	#	94
51) TRICHLOROETHENE	4.265	95	233564	20.97	UG/L		99
52) METHYLCYCLOHEXANE	4.435	83	250897	22.72	UG/L		93
53) 1,2-DICHLOROPROPANE	4.485	63	231416	23.62	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	152928	20.80	UG/L		97

Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

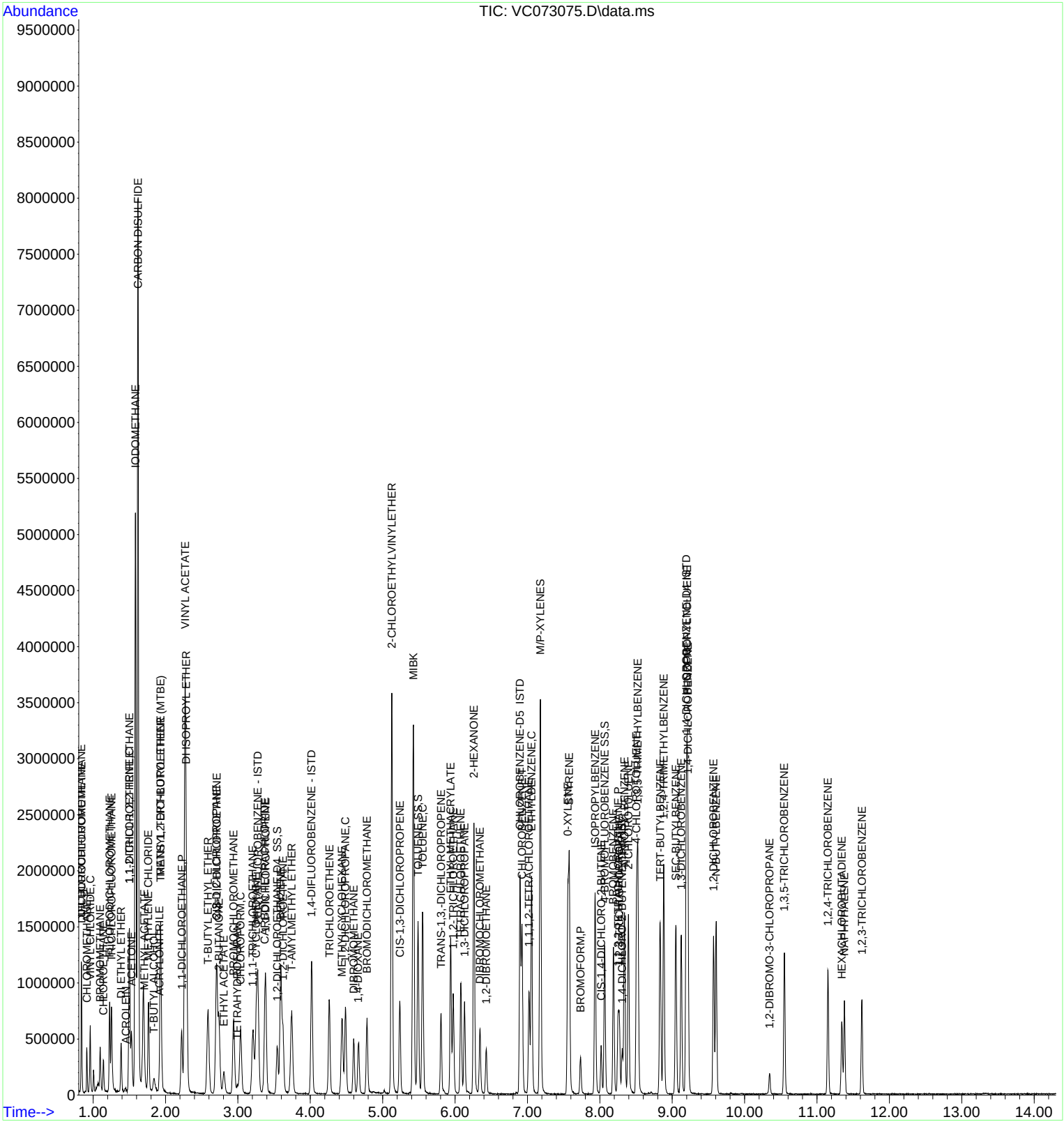
Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.661	88	11541m	161.59	UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	354806	22.59	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.126	63	1297601	234.44	UG/L	#	100
59)	MIBK	5.425	43	1726945	226.54	UG/L		96
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	352259	20.78	UG/L		99
61)	TOLUENE	5.553	91	939044	22.27	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	301590	20.43	UG/L		97
63)	ETHYL METHACRYLATE	5.938	69	521452	43.70	UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.974	97	200201	21.55	UG/L		98
65)	2-HEXANONE	6.261	43	1187590	232.48	UG/L		98
66)	TETRACHLOROETHENE	6.077	166	224154	20.99	UG/L		96
67)	1,3-DICHLOROPROPANE	6.130	76	332597	22.38	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.345	129	240059	21.51	UG/L		98
69)	1,2-DIBROMOETHANE	6.431	107	207692	21.17	UG/L		96
72)	CHLOROBENZENE	6.925	112	592518	20.13	UG/L		98
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	198257	17.60	UG/L		99
74)	ETHYLBENZENE	7.056	91	1123025	20.71	UG/L		100
75)	M/P-XYLENES	7.179	91	1779973	41.42	UG/L		98
76)	0-XYLENE	7.558	91	872871	20.84	UG/L		98
77)	STYRENE	7.578	104	735011	21.00	UG/L		97
78)	BROMOFORM	7.734	173	122169	14.72	UG/L	#	38
79)	ISOPROPYLBENZENE	7.934	105	986892	20.61	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	82742	17.75	UG/L	#	74
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	240179	18.87	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	78924	18.01	UG/L		85
83)	BROMOBENZENE	8.185	77	452190	20.85	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.269	75	204498	19.92	UG/L		99
85)	N-PROPYLBENZENE	8.342	91	1107197	21.21	UG/L		99
86)	2-CHLOROT0LUENE	8.395	91	746288	20.82	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	938947	21.03	UG/L		99
88)	4-CHLOROTOLUENE	8.506	91	878773	21.15	UG/L		99
90)	TERT-BUTYLBENZENE	8.835	119	614933	19.79	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	950745	21.52	UG/L		99
92)	SEC-BUTYLBENZENE	9.050	105	897006	21.12	UG/L		99
93)	1,3-DICHLOROBENZENE	9.125	146	449895	19.88	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.206	119	746321	20.10	UG/L		99
95)	1,4-DICHLOROBENZENE	9.217	146	515912	20.24	UG/L		99
96)	N-BUTYLBENZENE	9.608	91	692746	21.33	UG/L		96
97)	1,2-DICHLOROBENZENE	9.571	146	444590	20.43	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.344	75	37784	16.65	UG/L		96
99)	1,3,5-TRICHLOROBENZENE	10.547	180	320011	20.70	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	261486	19.46	UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	105994	17.71	UG/L		97
102)	NAPHTHALENE	11.378	128	476682	16.67	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.621	180	211131	18.86	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073075.D
Acq On : 13 Mar 2012 7:52 pm
Operator :
Sample : 8260 STD 20PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 14 14:46:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	542229	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	860781	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	508291	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	456132	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	354044	25.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.44%				
49) TOLUENE SS	5.492	98	845222	25.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.00%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	381072	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	670435	64.77	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	722683	70.36	UG/L		97
5) CHLOROMETHANE	0.913	50	420842	69.21	UG/L		99
6) VINYL CHLORIDE	0.960	62	647729	64.33	UG/L		100
7) BROMOMETHANE	1.100	94	368250	54.40	UG/L		99
8) CHLOROETHANE	1.144	64	319669	58.84	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	1090136	58.79	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.256	101	982993	58.41	UG/L		99
12) DI ETHYL ETHER	1.387	59	404638	56.43	UG/L		98
13) ACROLEIN	1.454	56	34309m	27.46	UG/L		
14) ACETONE	1.532	43	1119216	505.23	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	920864	60.55	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	473549	57.44	UG/L		97
17) IODOMETHANE	1.585	142	9495371	530.31	UG/L		98
20) METHYL ACETATE	1.707	43	476057	66.33	UG/L		96
21) T-BUTYL ALCOHOL	1.841	59	310876	413.44	UG/L	#	96
22) ACRYLONITRILE	1.919	53	145107	48.86	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	692561	57.60	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.933	73	1280923	47.84	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	884291	54.11	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	1079135	55.90	UG/L		99
28) VINYL ACETATE	2.271	43	10241507	545.22	UG/L		97
29) DI ISOPROYL ETHER	2.285	45	1487510	57.43	UG/L		95
31) 2-BUTANONE	2.736	43	1765258	523.35	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	1676280	55.06	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	1107431	57.04	UG/L		95
34) 2,2-DICHLOROPROPANE	2.706	77	749325	49.28	UG/L		100
35) ETHYL ACETATE	2.806	43	455181	54.72	UG/L		94
38) BROMOCHLOROMETHANE	2.940	49	467991	61.25	UG/L		85
39) TETRAHYDROFURAN	2.993	42	93529m	47.91	UG/L		
40) CHLOROFORM	3.040	83	1112822	54.93	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	994502	51.61	UG/L		97
42) CYCLOHEXANE	3.252	56	853281	59.88	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	761990	47.96	UG/L		99
44) 1,1-DICHLOROPROPENE	3.383	75	817471	55.31	UG/L		97
45) BENZENE	3.593	78	2159916	54.17	UG/L		98
47) T-AMYLMETHYL ETHER	3.743	73	1380790	50.76	UG/L	#	93
50) 1,2-DICHLOROETHANE	3.620	62	1151136	55.88	UG/L	#	94
51) TRICHLOROETHENE	4.259	95	615286	51.74	UG/L		96
52) METHYLCYCLOHEXANE	4.438	83	663100	56.24	UG/L		95
53) 1,2-DICHLOROPROPANE	4.488	63	564279	53.95	UG/L		98
54) DIBROMOMETHANE	4.602	93	397716	50.68	UG/L		97
56) 1,4-DIOXANE	4.652	88	27284	357.82	UG/L		91

Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

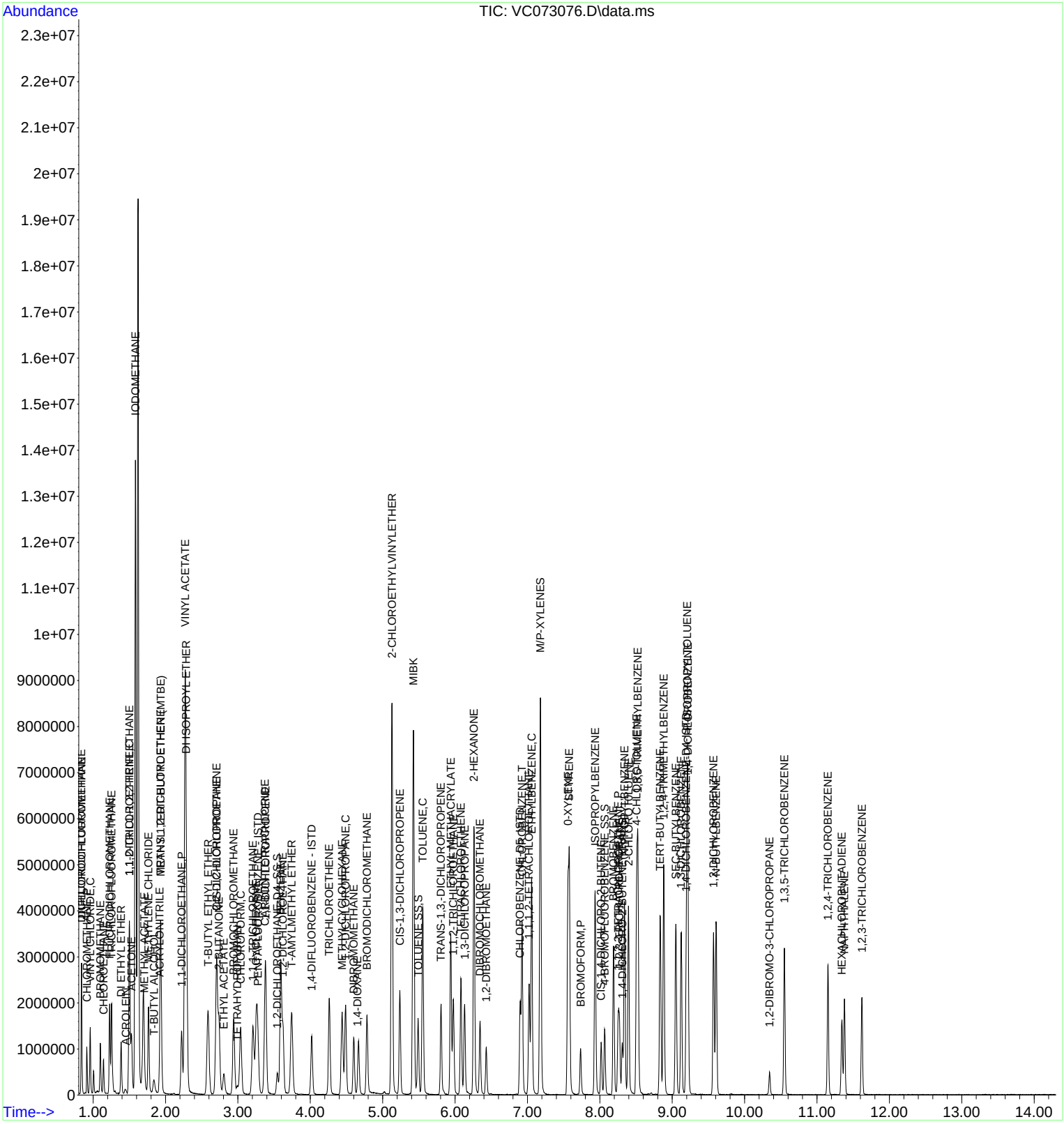
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) BROMODICHLOROMETHANE	4.783	83	927628	55.32	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.129	63	3233462	547.19	UG/L	#	100
59) MIBK	5.425	43	4206560	516.86	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.238	75	959595	53.03	UG/L		99
61) TOLUENE	5.553	91	2409363	53.51	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	830700	52.71	UG/L		98
63) ETHYL METHACRYLATE	5.941	69	1362250	106.94	UG/L		95
64) 1,1,2-TRICHLOROETHANE	5.974	97	496621	50.07	UG/L		99
65) 2-HEXANONE	6.261	43	2912957	534.12	UG/L		98
66) TETRACHLOROETHENE	6.080	166	585723	51.38	UG/L		98
67) 1,3-DICHLOROPROPANE	6.133	76	851162	53.64	UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	649160	54.48	UG/L		96
69) 1,2-DIBROMOETHANE	6.431	107	526107	50.23	UG/L		100
72) CHLOROBENZENE	6.925	112	1506100	49.06	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	528837	45.00	UG/L		98
74) ETHYLBENZENE	7.059	91	2801543	49.52	UG/L		99
75) M/P-XYLENES	7.179	91	4396147	98.06	UG/L		99
76) 0-XYLENE	7.561	91	2192231	50.18	UG/L		99
77) STYRENE	7.578	104	1868455	51.18	UG/L		100
78) BROMOFORM	7.736	173	351382	38.67	UG/L		99
79) ISOPROPYLBENZENE	7.934	105	2469989	49.44	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	227406	46.77	UG/L	#	78
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	592198	44.59	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	223697	48.93	UG/L	#	84
83) BROMOBENZENE	8.188	77	1124645	49.72	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	505996	47.24	UG/L		99
85) N-PROPYLBENZENE	8.342	91	2777818	51.01	UG/L		98
86) 2-CHLOROT0LUENE	8.397	91	1863099	49.82	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	2344143	50.34	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	2217693	51.17	UG/L		99
90) TERT-BUTYLBENZENE	8.832	119	1576937	48.16	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	2347126	50.43	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	2227595	49.79	UG/L		100
93) 1,3-DICHLOROBENZENE	9.122	146	1133004	47.51	UG/L		98
94) P-ISOPROPYLTOLUENE	9.206	119	1879598	48.06	UG/L		99
95) 1,4-DICHLOROBENZENE	9.217	146	1231924	45.88	UG/L		99
96) N-BUTYLBENZENE	9.605	91	1761282	51.47	UG/L		97
97) 1,2-DICHLOROBENZENE	9.571	146	1092434	47.64	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	100805	42.17	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	808441	49.63	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.153	180	664216	46.92	UG/L		98
101) HEXACHLOROBUTADIENE	11.345	225	276955	43.92	UG/L		99
102) NAPHTHALENE	11.378	128	1230447	40.83	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	509149	43.16	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073076.D
Acq On : 13 Mar 2012 8:21 pm
Operator :
Sample : 8260 STD 50PPB Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 14 14:49:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	557166	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	879363	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	522230	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	478535	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	374053	26.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.36%				
49) TOLUENE SS	5.492	98	865100	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	402284	25.96	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	1191212	111.60	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	1392071	131.89	UG/L		95
5) CHLOROMETHANE	0.913	50	872533	139.65	UG/L		100
6) VINYL CHLORIDE	0.960	62	1287373	124.42	UG/L		99
7) BROMOMETHANE	1.097	94	783110	112.57	UG/L		95
8) CHLOROETHANE	1.141	64	617574	110.63	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	2137788	112.21	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	1907877	110.33	UG/L		100
12) DI ETHYL ETHER	1.387	59	831900	112.91	UG/L		98
13) ACROLEIN	1.454	56	53890m	41.98	UG/L		
14) ACETONE	1.529	43	2413012	1060.06	UG/L		97
15) 1,1-DICHLOROETHENE	1.501	61	1846576	118.17	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	895172	105.67	UG/L		98
20) METHYL ACETATE	1.707	43	976739	134.25	UG/L		97
21) T-BUTYL ALCOHOL	1.841	59	731767	947.11	UG/L	#	96
22) ACRYLONITRILE	1.919	53	321021	105.20	UG/L		95
23) METHYLENE CHLORIDE	1.763	49	1385283	112.12	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.933	73	2784280	101.20	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.930	61	1774066	105.65	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	2167799	109.27	UG/L		98
29) DI ISOPROYL ETHER	2.285	45	3026434	113.71	UG/L		97
31) 2-BUTANONE	2.739	43	3935616	1135.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.589	59	3612800	115.49	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	2246321	112.59	UG/L		95
34) 2,2-DICHLOROPROPANE	2.703	77	1640308	104.98	UG/L		97
35) ETHYL ACETATE	2.806	43	981377	114.82	UG/L		96
38) BROMOCHLOROMETHANE	2.940	49	956100	121.77	UG/L		85
39) TETRAHYDROFURAN	2.993	42	215235	107.30	UG/L		86
40) CHLOROFORM	3.038	83	2270193	109.06	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.210	97	2081022	105.09	UG/L		97
42) CYCLOHEXANE	3.255	56	1653962	112.96	UG/L		93
43) CARBON TETRACHLORIDE	3.378	117	1638737	100.38	UG/L		99
44) 1,1-DICHLOROPROPENE	3.383	75	1638167	107.87	UG/L		97
45) BENZENE	3.593	78	4410219	107.64	UG/L		98
47) T-AMYLMETHYL ETHER	3.743	73	2927603	104.73	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.623	62	2349421	111.64	UG/L	#	93
51) TRICHLOROETHENE	4.262	95	1228103	101.10	UG/L		96
52) METHYLCYCLOHEXANE	4.440	83	1300974	108.00	UG/L		95
53) 1,2-DICHLOROPROPANE	4.490	63	1180128	110.46	UG/L		98
54) DIBROMOMETHANE	4.599	93	824596	102.85	UG/L		97
56) 1,4-DIOXANE	4.652	88	61605m	790.86	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	1946906	113.65	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.132	63	6802031	1126.77	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

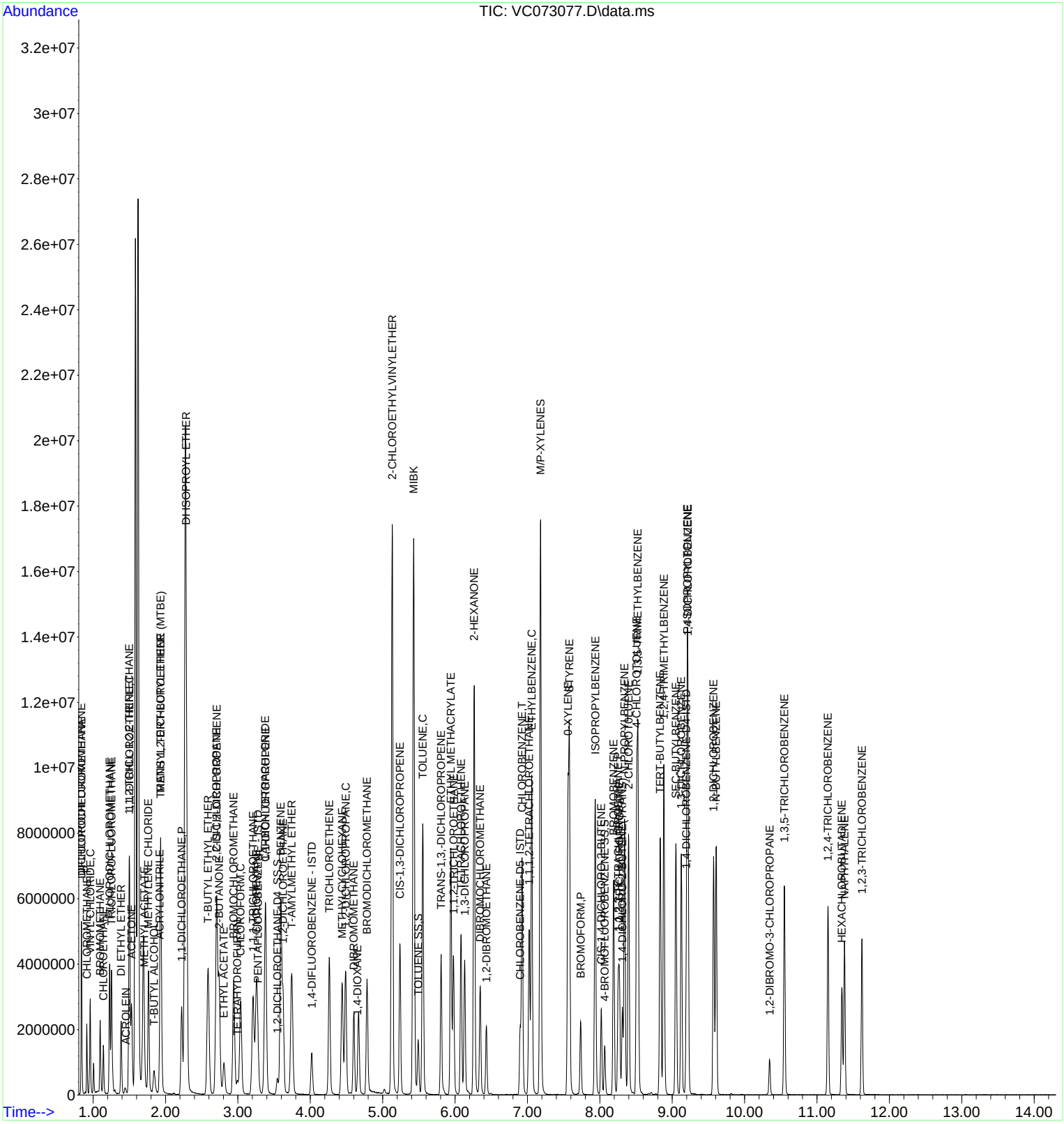
Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) MIBK	5.427	43	9033594	1086.51	UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	2014199	108.95	UG/L	99
61) TOLUENE	5.553	91	4881500	106.13	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	1788898	111.12	UG/L	97
63) ETHYL METHACRYLATE	5.943	69	2925114	224.78	UG/L	95
64) 1,1,2-TRICHLOROETHANE	5.980	97	1030753	101.72	UG/L	99
65) 2-HEXANONE	6.264	43	6367166	1142.81	UG/L	98
66) TETRACHLOROETHENE	6.083	166	1177129	101.08	UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	1747316	107.79	UG/L	99
68) DIBROMOCHLOROMETHANE	6.348	129	1373655	112.84	UG/L	99
69) 1,2-DIBROMOETHANE	6.434	107	1090766	101.94	UG/L	99
72) CHLOROBENZENE	6.925	112	3027398	95.98	UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	1147635	95.05	UG/L	99
74) ETHYLBENZENE	7.059	91	5641152	97.04	UG/L	100
75) M/P-XYLENES	7.181	91	8883867	192.87	UG/L	99
76) 0-XYLENE	7.561	91	4402463	98.08	UG/L	100
77) STYRENE	7.580	104	3820769	101.86	UG/L	100
78) BROMOFORM	7.736	173	801853	84.55	UG/L	99
79) ISOPROPYLBENZENE	7.937	105	4990941	97.23	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	496648	99.41	UG/L	86
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	1262158	92.50	UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	508243	108.21	UG/L	88
83) BROMOBENZENE	8.191	77	2282400	98.21	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.272	75	1093773	99.39	UG/L	98
85) N-PROPYLBENZENE	8.342	91	5613469	100.34	UG/L	98
86) 2-CHLOROT0LUENE	8.397	91	3759779	97.85	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	4718498	98.62	UG/L	99
88) 4-CHLOROTOLUENE	8.509	91	4439277	99.70	UG/L	99
90) TERT-BUTYLBENZENE	8.832	119	3133330	91.21	UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	4797391	98.25	UG/L	100
92) SEC-BUTYLBENZENE	9.050	105	4521336	96.32	UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	2331107	93.17	UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	3808465	92.81	UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	2571149	91.27	UG/L	100
96) N-BUTYLBENZENE	9.608	91	3559789	99.16	UG/L	97
97) 1,2-DICHLOROBENZENE	9.571	146	2239910	93.10	UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	240464	95.87	UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.550	180	1652024	96.68	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	1450255	97.64	UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	549447	83.06	UG/L	98
102) NAPHTHALENE	11.381	128	2826191	89.40	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	1145991	92.59	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073077.D
Acq On : 13 Mar 2012 8:52 pm
Operator :
Sample : 8260 STD 100PPB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 14 14:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	574675	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	910388	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	541898	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	495005	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	374712	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
49) TOLUENE SS	5.495	98	886360	25.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.16%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	412240	25.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	2340991	212.16	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	2874629	264.05	UG/L		94
5) CHLOROMETHANE	0.913	50	1975483	306.53	UG/L		99
6) VINYL CHLORIDE	0.960	62	2733044	256.10	UG/L		99
7) BROMOMETHANE	1.094	94	1338695	186.56	UG/L		97
8) CHLOROETHANE	1.139	64	1261727	219.14	UG/L		96
9) FLUORODICHLOROMETHANE	1.225	67	4531614	230.61	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	4013320	225.01	UG/L		99
12) DI ETHYL ETHER	1.387	59	1706238	224.53	UG/L		97
13) ACROLEIN	1.454	56	123537m	93.30	UG/L		
14) ACETONE	1.532	43	4904777	2089.08	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	3948832	245.00	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	1915147	219.19	UG/L		99
20) METHYL ACETATE	1.708	43	2129821	285.83	UG/L		96
21) T-BUTYL ALCOHOL	1.861	59	1483293	1861.31	UG/L	#	97
22) ACRYLONITRILE	1.922	53	622672	197.83	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	2896296	227.27	UG/L		94
25) METHYL TERT-BUTYL ETHE...	1.936	73	5725008	201.74	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	3779248	218.21	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	4666222	228.05	UG/L		99
29) DI ISOPROYL ETHER	2.288	45	6289525	229.12	UG/L		98
31) 2-BUTANONE	2.745	43	7664494	2144.02	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	7441232	230.62	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	4747894	230.73	UG/L		95
34) 2,2-DICHLOROPROPANE	2.703	77	3634279	225.51	UG/L		98
35) ETHYL ACETATE	2.812	43	2018305	228.94	UG/L		97
38) BROMOCHLOROMETHANE	2.940	49	1911762	236.07	UG/L		86
39) TETRAHYDROFURAN	2.993	42	427096	206.42	UG/L		94
40) CHLOROFORM	3.038	83	4771677	222.24	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.211	97	4499321	220.30	UG/L		97
42) CYCLOHEXANE	3.255	56	3565353	236.09	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	3712069	220.44	UG/L		98
44) 1,1-DICHLOROPROPENE	3.384	75	3532241	225.49	UG/L		97
45) BENZENE	3.593	78	9364660	221.60	UG/L		99
47) T-AMYLMETHYL ETHER	3.746	73	6013611	208.58	UG/L	#	94
50) 1,2-DICHLOROETHANE	3.623	62	4857974	222.98	UG/L	#	93
51) TRICHLOROETHENE	4.262	95	2640143	209.93	UG/L		98
52) METHYLCYCLOHEXANE	4.440	83	2865730	229.79	UG/L		95
53) 1,2-DICHLOROPROPANE	4.488	63	2523716	228.16	UG/L		97
54) DIBROMOMETHANE	4.602	93	1702600	205.13	UG/L		98
56) 1,4-DIOXANE	4.661	88	130229m	1614.85	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	4204120	237.04	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.140	63	13595287	2175.34	UG/L	#	100

Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

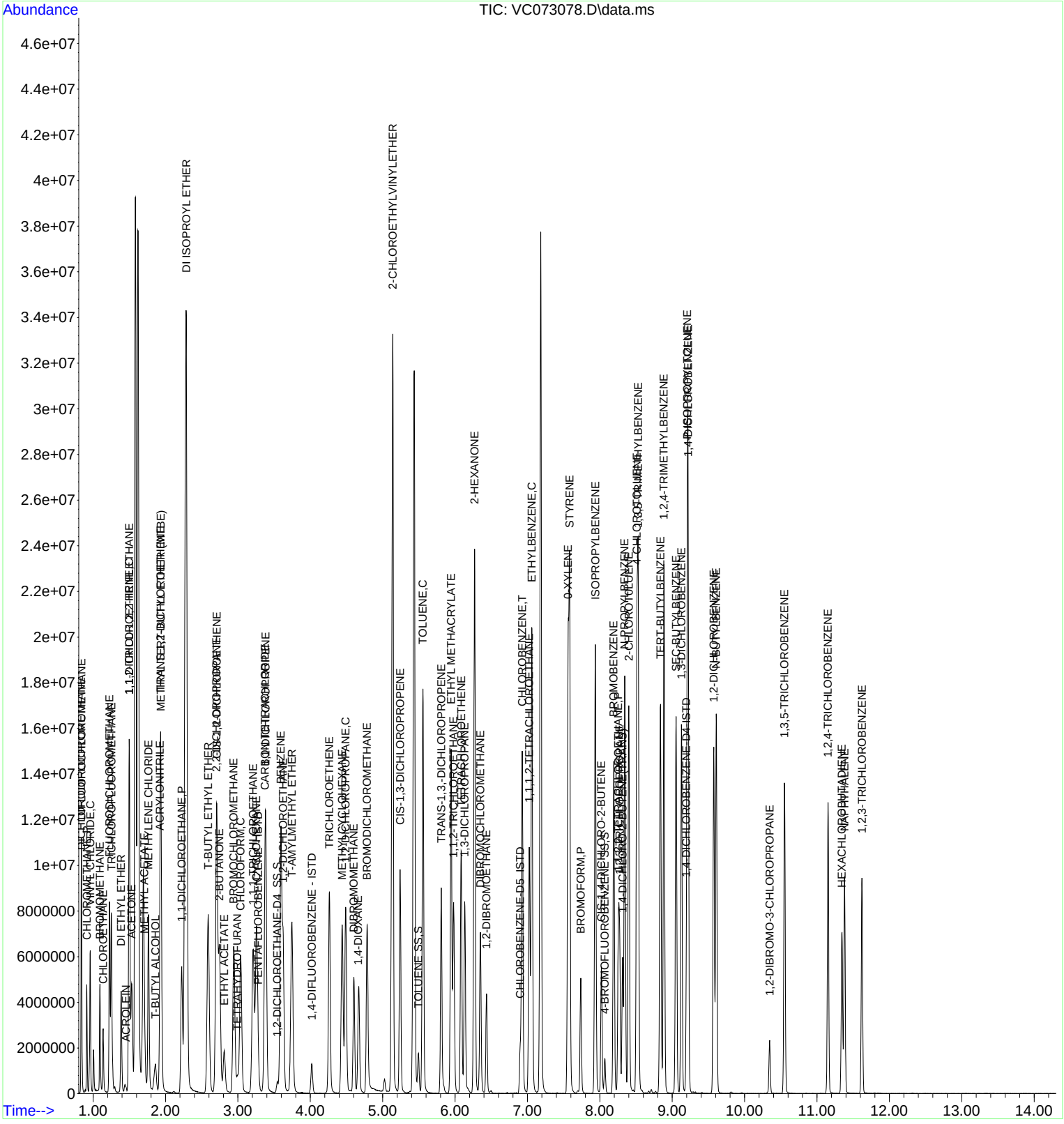
Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) CIS-1,3-DICHLOROPROPENE	5.241	75	4369188	228.28	UG/L	99
61) TOLUENE	5.556	91	10354953	217.46	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	3840759	230.44	UG/L	98
63) ETHYL METHACRYLATE	5.946	69	5799571	430.48	UG/L	95
64) 1,1,2-TRICHLOROETHANE	5.980	97	2134374	203.46	UG/L	98
65) 2-HEXANONE	6.270	43	12268259	2126.92	UG/L	99
66) TETRACHLOROETHENE	6.086	166	2542296	210.86	UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	3639661	216.88	UG/L	98
68) DIBROMOCHLOROMETHANE	6.351	129	2978081	236.31	UG/L	100
69) 1,2-DIBROMOETHANE	6.434	107	2251762	203.26	UG/L	98
72) CHLOROBENZENE	6.928	112	6441436	196.80	UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	2498699	199.43	UG/L	98
74) ETHYLBENZENE	7.059	91	11982880	198.66	UG/L	99
76) 0-XYLENE	7.561	91	9549175	205.01	UG/L	99
77) STYRENE	7.583	104	8154324	209.50	UG/L	100
78) BROMOFORM	7.737	173	1751779	176.79	UG/L	100
79) ISOPROPYLBENZENE	7.937	105	10750271	201.82	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	1047928	202.15	UG/L	89
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	2551724	180.22	UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.314	53	1092989	224.27	UG/L	91
83) BROMOBENZENE	8.191	77	4844522	200.89	UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.272	75	2174363	190.41	UG/L	98
85) N-PROPYLBENZENE	8.342	91	12029847	207.22	UG/L	99
86) 2-CHLOROT0LUENE	8.400	91	8042336	201.72	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.531	105	10125654	203.96	UG/L	100
88) 4-CHLOROTOLUENE	8.512	91	9501068	205.63	UG/L	100
90) TERT-BUTYLBENZENE	8.838	119	6866069	193.21	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.886	105	10190454	201.76	UG/L	99
92) SEC-BUTYLBENZENE	9.053	105	9839798	202.65	UG/L	100
93) 1,3-DICHLOROBENZENE	9.128	146	4987718	192.72	UG/L	99
94) P-ISOPROPYLTOLUENE	9.209	119	8245207	194.25	UG/L	99
95) 1,4-DICHLOROBENZENE	9.220	146	5455814	187.22	UG/L	99
96) N-BUTYLBENZENE	9.608	91	7669395	206.52	UG/L	97
97) 1,2-DICHLOROBENZENE	9.574	146	4752104	190.95	UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	491697	189.52	UG/L	99
99) 1,3,5-TRICHLOROBENZENE	10.550	180	3528215	199.60	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	2999267	195.21	UG/L	100
101) HEXACHLOROBUTADIENE	11.345	225	1223904	178.85	UG/L	97
102) NAPHTHALENE	11.381	128	5625725	172.03	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	2322625	181.41	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\031312\
Data File : VC073078.D
Acq On : 13 Mar 2012 9:21 pm
Operator :
Sample : 8260 STD 200PPB Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 14 15:00:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0222W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 13 11:43:06 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	543752	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	864827	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	507024	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	457806	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	348333	24.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.64%				
49) TOLUENE SS	5.486	98	836453	24.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	382072	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	133580	9.59	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	159327	10.91	UG/L		100
5) CHLOROMETHANE	0.913	50	105371	11.71	UG/L		98
6) VINYL CHLORIDE	0.960	62	127206	9.84	UG/L		98
7) BROMOMETHANE	1.103	94	65269	8.27	UG/L		100
8) CHLOROETHANE	1.144	64	72895	11.31	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	245019	11.21	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	198111	10.27	UG/L		97
12) DI ETHYL ETHER	1.387	59	86262	10.51	UG/L		98
13) ACROLEIN	1.454	56	91710	1587.13	UG/L	#	1
14) ACETONE	1.526	43	330516	138.94	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	211789	11.18	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.504	101	106168	11.32	UG/L		97
17) IODOMETHANE	1.585	142	457716	29.43	UG/L		98
18) ACETONITRILE	1.696	41	217276	101.88	UG/L		95
19) ALLYL CHLORIDE	1.694	76	63211m	9.76	UG/L		
20) METHYL ACETATE	1.705	43	102591	8.99	UG/L		100
21) T-BUTYL ALCOHOL	1.830	59	60526	90.94	UG/L	#	76
22) ACRYLONITRILE	1.920	53	30147	9.95	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	166355	11.28	UG/L		98
24) CARBON DISULFIDE	1.621	76	703934	21.90	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	293334	11.40	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.928	61	200707	11.27	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	259959	12.45	UG/L		98
28) VINYL ACETATE	2.268	43	1520462	83.55	UG/L		97
29) DI ISOPROYL ETHER	2.288	45	350913	11.92	UG/L		95
30) CHLOROPRENE	2.288	53	241601	11.19	UG/L		96
31) 2-BUTANONE	2.739	43	372710	103.85	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.586	59	375680	11.40	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.706	61	252347	11.60	UG/L		98
34) 2,2-DICHLOROPROPANE	2.703	77	153392	10.70	UG/L		100
35) ETHYL ACETATE	2.809	43	76556	7.89	UG/L	#	94
36) PROPIONITRILE	2.790	54	10728	9.30	UG/L	#	87
37) METHACRYLONITRILE	2.946	41	50081	9.27	UG/L	#	70
38) BROMOCHLOROMETHANE	2.935	49	106503	11.40	UG/L		96
39) TETRAHYDROFURAN	2.990	42	20367	10.18	UG/L	#	69
40) CHLOROFORM	3.038	83	262879	12.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.211	97	223145	11.63	UG/L		98
42) CYCLOHEXANE	3.250	56	197640m	11.46	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	160542	11.30	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	190143	11.46	UG/L	#	84
45) BENZENE	3.593	78	510658	12.01	UG/L		100
46) ISOBUTANOL	3.738	41	35767	90.94	UG/L	#	94

Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

300

Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration

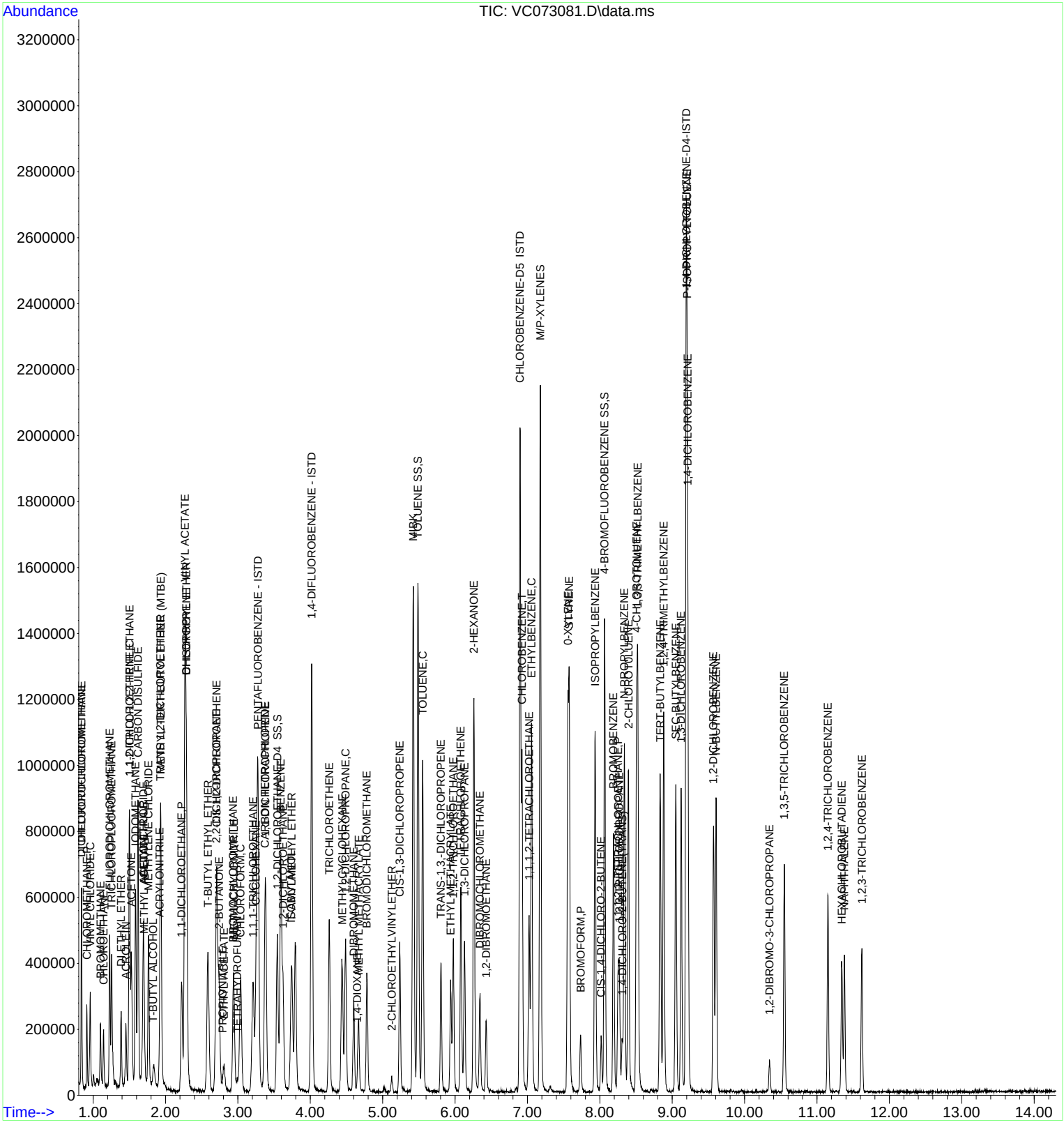
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
47) T-AMYLMETHYL ETHER	3.741	73	295425	11.17 UG/L	99
50) 1,2-DICHLOROETHANE	3.623	62	254092	10.93 UG/L	100
51) TRICHLOROETHENE	4.262	95	142030	11.20 UG/L	99
52) METHYLCYCLOHEXANE	4.443	83	148903	11.07 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	128801	11.13 UG/L #	99
54) DIBROMOMETHANE	4.599	93	87237	10.45 UG/L	97
55) METHYL METHACRYLATE	4.669	41	84922	9.22 UG/L #	86
56) 1,4-DIOXANE	4.650	88	4902m	77.56 UG/L	
57) BROMODICHLOROMETHANE	4.781	83	185690	10.65 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.127	63	15918	2.57 UG/L	87
59) MIBK	5.422	43	811164	96.94 UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.235	75	192405	11.17 UG/L	100
61) TOLUENE	5.553	91	573860	11.72 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	170052	12.45 UG/L	98
63) ETHYL METHACRYLATE	5.938	69	128059	5.25 UG/L	99
64) 1,1,2-TRICHLOROETHANE	5.974	97	107986	10.78 UG/L	99
65) 2-HEXANONE	6.261	43	592441	103.54 UG/L	98
66) TETRACHLOROETHENE	6.077	166	136503	11.37 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	189189	10.83 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	117393	10.70 UG/L	98
69) 1,2-DIBROMOETHANE	6.432	107	110429	10.42 UG/L	99
72) CHLOROBENZENE	6.925	112	366712	12.09 UG/L	96
73) 1,1,1,2-TETRACHLOROETHANE	7.026	131	112636	11.82 UG/L	99
74) ETHYLBENZENE	7.056	91	667700	12.14 UG/L	96
75) M/P-XYLENES	7.179	91	1084979	24.88 UG/L	97
76) 0-XYLENE	7.561	91	551573	12.96 UG/L	99
77) STYRENE	7.578	104	442511	12.78 UG/L	99
78) BROMOFORM	7.737	173	58409	10.23 UG/L	96
79) ISOPROPYLBENZENE	7.935	105	607308	12.76 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.016	53	33263	7.94 UG/L #	80
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	123746	10.43 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	28241	7.58 UG/L	97
83) BROMOBENZENE	8.188	77	269804	11.89 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109668	10.35 UG/L	98
85) N-PROPYLBENZENE	8.339	91	682406	12.86 UG/L	99
86) 2-CHLOROT0LUENE	8.398	91	472091	12.89 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	532792	11.92 UG/L	97
88) 4-CHLOROTOLUENE	8.509	91	561051	13.01 UG/L	100
90) TERT-BUTYLBENZENE	8.835	119	383462	12.25 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	553603	12.09 UG/L	98
92) SEC-BUTYLBENZENE	9.050	105	553570	12.63 UG/L	99
93) 1,3-DICHLOROBENZENE	9.123	146	275987	12.28 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	456223	12.33 UG/L	99
95) 1,4-DICHLOROBENZENE	9.215	146	287751	11.13 UG/L	97
96) N-BUTYLBENZENE	9.608	91	400160	11.95 UG/L	100
97) 1,2-DICHLOROBENZENE	9.569	146	260771	11.66 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	17882	8.69 UG/L	96
99) 1,3,5-TRICHLOROBENZENE	10.548	180	173104	10.94 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	145573	11.75 UG/L	100
101) HEXACHLOROBUTADIENE	11.345	225	66006	11.69 UG/L	99
102) NAPHTHALENE	11.379	128	226439	9.34 UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	106668	11.28 UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\031312\
Data File : VC073081.D
Acq On : 13 Mar 2012 10:51 pm
Operator :
Sample : B047769-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 19 15:32:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 14 15:34:19 2012
Response via : Initial Calibration



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002046	Instrument:	GCMSVOA3
Calibration:	1200042		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002046-CAL1	VC086010.D	03/26/12 10:21
1204045	0.5ppb 8260 Calibration Standard	S002046-CAL2	VC086011.D	03/26/12 10:52
1204046	1ppb 8260 Calibration Standard	S002046-CAL3	VC086012.D	03/26/12 11:22
1204047	2ppb 8260 Calibration Standard	S002046-CAL4	VC086013.D	03/26/12 11:52
1204048	5ppb 8260 Calibration Standard	S002046-CAL5	VC086014.D	03/26/12 12:22
1204049	10ppb 8260 Calibration Standard	S002046-CAL6	VC086015.D	03/26/12 12:52
1204050	20ppb 8260 Calibration Standard	S002046-CAL7	VC086016.D	03/26/12 13:22
1204051	50ppb 8260 Calibration Standard	S002046-CAL8	VC086017.D	03/26/12 13:52
1204052	100ppb 8260 Calibration Standard	S002046-CAL9	VC086018.D	03/26/12 14:23
1204053	200ppb 8260 Calibration Standard	S002046-CALA	VC086019.D	03/26/12 14:53

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC086010.D 0.5 =VC086011.D 1.0 =VC086012.D 2.0 =VC086013.D 5.0 =VC086014.D 10 =VC086019.D 20 =VC086016.D
50 =VC086017.D 100 =VC086018.D 200 =VC086019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.483	0.469	0.458	0.459	0.480	0.466	0.484	0.483	0.490	0.498	0.477	2.82
3)		DICHLORODIFLUO...			0.401	0.531	0.432	0.378	0.344				0.417	0.995LR
4)		DIFLUOROCHLORO...			0.637	0.772	0.729	0.654	0.619	0.890	0.805	0.734	0.730	12.67
5)	P	CHLOROMETHANE			0.308	0.386	0.328	0.325	0.308	0.431			0.348	14.32
6)	C	VINYL CHLORIDE	0.466	0.518	0.377	0.432	0.399	0.398	0.369	0.523	0.486	0.465	0.443	12.77#
7)		BROMOMETHANE		0.644	0.402	0.348	0.247	0.200					0.368	0.991LR
8)		CHLOROETHANE			0.212	0.235	0.214	0.201	0.157	0.233	0.215	0.195	0.208	11.77
9)		FLUORODICHLORO...	0.721	0.836	0.651	0.700	0.740	0.739	0.665	0.796	0.749	0.726	0.732	7.54
10)		TRICHLOROFLUOR...	0.632	0.821	0.584	0.667	0.671	0.679	0.599	0.750	0.707	0.691	0.680	10.29
11)		ETHANOL					0.005	0.003	0.003				0.004	29.77
12)		DI ETHYL ETHER	0.424	0.376	0.330	0.317	0.322	0.301	0.302	0.335	0.334	0.316	0.336	11.25
13)		ACROLEIN	0.056	0.049	0.052	0.049	0.055	0.053	0.057	0.059	0.063	0.057	0.055	8.26
14)		ACETONE		0.118	0.092	0.101	0.109	0.103	0.117	0.096	0.102	0.088	0.103	9.97
15)	C	1,1-DICHLOROET...	0.556	0.667	0.560	0.575	0.602	0.613	0.576	0.649	0.608	0.584	0.599	6.15#
16)		1,1,2-TRICL-1,...	0.319	0.342	0.286	0.331	0.325	0.340	0.320	0.375	0.346	0.341	0.333	6.95
17)		IODOMETHANE				0.509	0.605	0.666	0.633	0.600			0.602	9.70
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE			0.294	0.284	0.324	0.285	0.350	0.263	0.280	0.254	0.292	10.83
21)		T-BUTYL ALCOHOL			0.029	0.028	0.032	0.027	0.040	0.029	0.033	0.030	0.031	13.59
22)		ACRYLONITRILE	0.318	0.268	0.246	0.214	0.231	0.228	0.273	0.241	0.248	0.215	0.248	12.70
23)		METHYLENE CHLO...					0.769	0.678	0.602	0.592	0.561	0.542	0.624	13.66
24)		CARBON DISULFIDE	0.959	1.132	0.934	1.019	1.030	1.028	0.941	0.743			0.973	11.61
25)		METHYL TERT-BU...	1.602	1.485	1.287	1.395	1.571	1.504	1.731	1.558	1.540	1.422	1.510	8.12
26)		TRANS 1,2-DICH...	0.950	1.014	0.894	0.943	1.032	1.022	1.033	1.037	0.966	0.906	0.980	5.58
27)	P	1,1-DICHLOROET...	1.158	1.264	1.103	1.143	1.253	1.229	1.243	1.270	1.211	1.190	1.207	4.68
28)		VINYL ACETATE	1.636	1.547	1.396	1.493	1.668	1.530	1.629	1.385			1.535	6.98
29)		DI ISOPROYL ETHER	2.273	2.530	2.047	2.232	2.440	2.361	2.349	2.255	1.933	1.628	2.205	12.15
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.305	0.262	0.238	0.253	0.290	0.266	0.335	0.276	0.292	0.248	0.277	10.71
32)		T-BUTYL ETHYL ...	1.891	1.798	1.684	1.767	2.035	1.989	2.174	2.065	1.990	1.944	1.934	7.75
33)		CIS-1,2-DICHLO...	1.076	1.267	1.041	1.144	1.239	1.222	1.242	1.217	1.157	1.105	1.171	6.65
34)		2,2-DICHLOROPR...	0.806	0.787	0.719	0.755	0.830	0.840	0.891	0.851	0.819	0.839	0.814	6.08
35)		ETHYL ACETATE		0.963	0.673	0.685	0.788	0.696	0.893	0.685	0.762	0.712	0.762	13.53
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.693	0.696	0.607	0.676	0.707	0.688	0.722	0.700	0.675	0.627	0.679	5.28
39)		TETRAHYDROFURAN			0.204	0.145	0.184	0.156	0.201	0.169	0.188	0.169	0.177	11.71

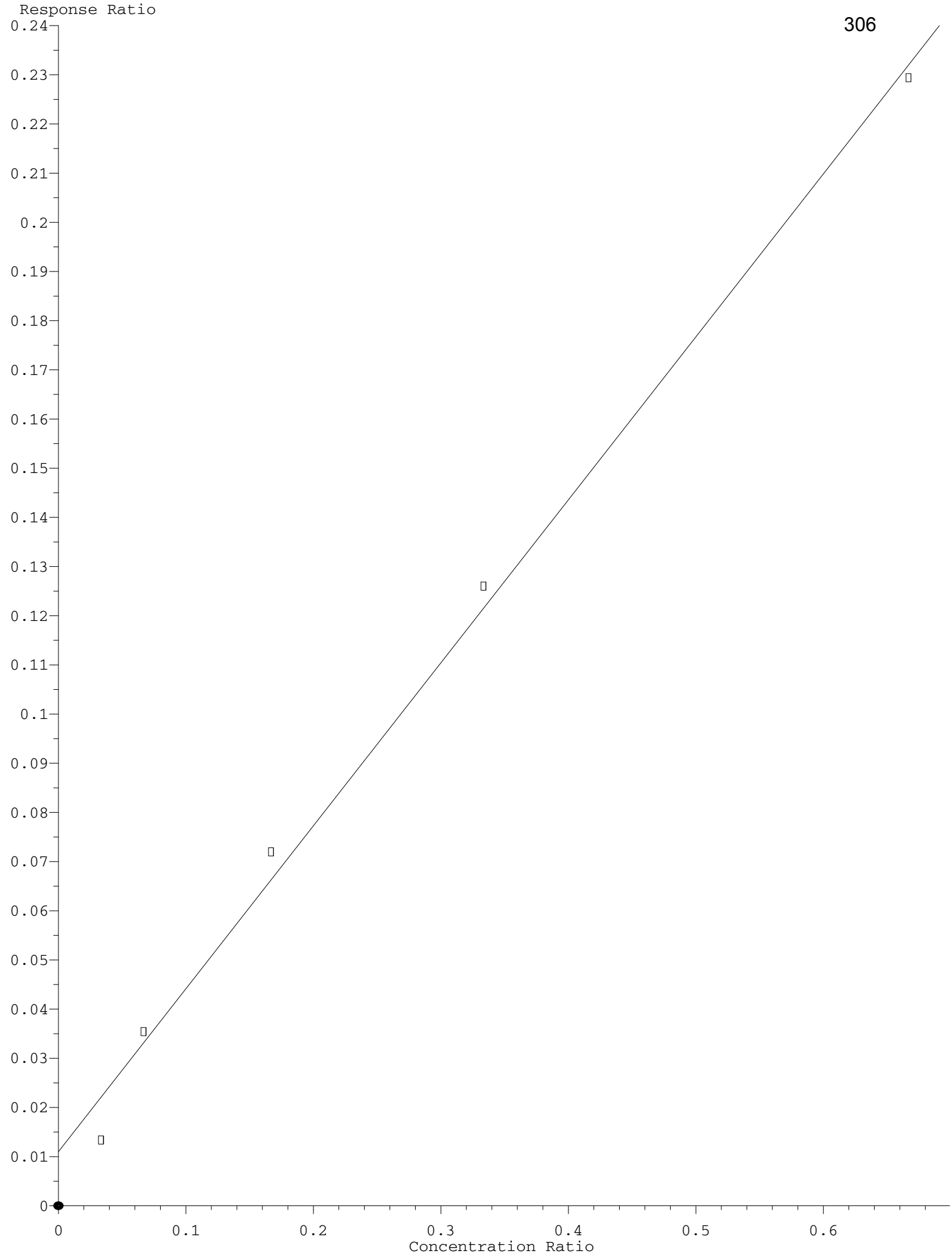
40)	C	CHLOROFORM	1.157	1.101	1.049	1.095	1.210	1.197	1.227	1.209	1.193	1.197	1.164	5.21#
41)		1,1,1-TRICHLOR...	0.940	1.098	0.875	0.968	1.025	1.041	1.090	1.123	1.121	1.136	1.042	8.53
42)		CYCLOHEXANE					1.163	1.096	1.090	1.161	1.107	1.071	1.114	3.45
43)		CARBON TETRACH...				0.693	0.747	0.783	0.856	0.935	0.940	0.962	0.845	12.54
44)		1,1-DICHLOROPR...	0.817	0.865	0.778	0.797	0.888	0.887	0.894	0.910	0.870	0.843	0.855	5.22
45)		BENZENE	2.413	2.620	2.358	2.479	2.718	2.675	2.734	2.689	2.565	2.462	2.571	5.29
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.598	1.543	1.338	1.510	1.645	1.639	1.847	1.658	1.681	1.604	1.606	8.15
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.106	1.101	1.099	1.110	1.102	1.105	1.096	1.099	1.093	1.096	1.100	0.48
50)		1,2-DICHLOROET...	0.618	0.656	0.564	0.586	0.653	0.646	0.676	0.641	0.636	0.597	0.627	5.63
51)		TRICHLOROETHENE	0.451	0.483	0.405	0.452	0.471	0.478	0.481	0.471	0.450	0.435	0.458	5.31
52)		METHYLCYCLOHEXANE	0.509	0.513	0.440	0.482	0.483	0.495	0.506	0.526	0.497	0.482	0.493	4.82
53)	C	1,2-DICHLOROPR...	0.470	0.464	0.414	0.442	0.479	0.461	0.478	0.455	0.440	0.422	0.453	4.95#
54)		DIBROMOMETHANE	0.301	0.301	0.246	0.269	0.295	0.288	0.312	0.293	0.288	0.269	0.286	6.85
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.19
57)		BROMODICHLOROM...	0.540	0.462	0.457	0.472	0.526	0.556	0.601	0.614	0.618	0.607	0.545	11.86
58)		2-CHLOROETHYLV...	0.216	0.197	0.177	0.207	0.221	0.213	0.247	0.190	0.169		0.204	11.76
59)		MIBK	0.411	0.376	0.343	0.374	0.422	0.387	0.460	0.360	0.341		0.386	10.07
60)		CIS-1,3-DICHLO...	0.604	0.579	0.561	0.608	0.685	0.709	0.739	0.720	0.702	0.662	0.657	9.75
61)	C	TOLUENE	1.682	1.900	1.745	1.866	1.948	1.945	1.939	1.847	1.735	1.588	1.819	6.89#
62)		TRANS-1,3,-DIC...	0.492	0.464	0.437	0.467	0.541	0.564	0.621	0.589	0.604	0.573	0.535	12.22
63)		ETHYL METHACRY...	0.534	0.485	0.467	0.467	0.541	0.519	0.599	0.542	0.561	0.485	0.520	8.42
64)		1,1,2-TRICHLOR...	0.398	0.406	0.357	0.378	0.409	0.410	0.437	0.397	0.396	0.364	0.395	5.99
65)		2-HEXANONE	0.259	0.223	0.200	0.237	0.276	0.256	0.321	0.251	0.249		0.253	13.36
66)		TETRACHLOROETHENE	0.492	0.485	0.445	0.495	0.511	0.517	0.528	0.505	0.478	0.457	0.491	5.33
67)		1,3-DICHLOROPR...	0.603	0.605	0.582	0.629	0.664	0.642	0.701	0.632	0.621	0.570	0.625	6.19
68)		DIBROMOCHLOROM...	0.341	0.347	0.299	0.315	0.371	0.411					0.347	11.56
69)		1,2-DIBROMOETHANE	0.409	0.392	0.368	0.381	0.433	0.433	0.464	0.418	0.418	0.391	0.411	6.99
70)		CHLOROBENZENE-D5	...	----------ISTD----------										
71)	S	4-BROMOFLUOROB...	0.981	0.992	0.976	0.988	0.995	0.970	0.989	1.015	1.015	1.031	0.995	1.94
72)	T	CHLOROBENZENE	2.198	2.521	2.118	2.288	2.470	2.433	2.494	2.356	2.256	2.097	2.323	6.69
73)		1,1,1,2-TETRAC...	0.629	0.688	0.609	0.657	0.756	0.789	0.866	0.866	0.882	0.858	0.760	14.13
74)	C	ETHYLBENZENE	3.581	4.025	3.581	3.900	4.167	4.193	4.256	3.980	3.768	3.425	3.887	7.43#
75)		M/P-XYLENES	2.773	3.141	2.791	2.921	3.158	3.127	3.154	2.908	2.662		2.959	6.48
76)		0-XYLENE	2.836	3.076	2.729	2.978	3.133	3.164	3.192	2.961	2.814	2.570	2.945	6.97
77)		STYRENE	2.338	2.558	2.457	2.532	2.741	2.747	2.820	2.630	2.475	2.218	2.552	7.44
78)	P	BROMOFORM	0.318	0.301	0.274	0.307	0.350	0.378					0.321	11.53
79)		ISOPROPYLBENZENE	3.127	3.540	3.075	3.276	3.632	3.594	3.665	3.440	3.297	3.024	3.367	7.14
80)		CIS-1,4-DICHLO...					0.255	0.256	0.320	0.295	0.325	0.302	0.292	10.35
81)	P	1,1,2,2-TETRAC...	0.907	0.858	0.758	0.814	0.917	0.861	1.047	0.878	0.919	0.813	0.877	8.98
82)		1,4-DICHLORO-2...	0.212	0.241	0.143	0.210	0.224	0.236	0.332	0.304	0.333	0.313	0.255	0.999LR
83)		BROMOBENZENE	1.513	1.537	1.318	1.424	1.549	1.524	1.558	1.464	1.418	1.315	1.462	6.23
84)		1,2,3-TRICHLOR...	0.760	0.636	0.624	0.600	0.713	0.682	0.796	0.662	0.689	0.616	0.678	9.44
85)		N-PROPYLBENZENE	3.363	3.845	3.440	3.830	4.126	4.087	4.236	3.961	3.763	3.467	3.812	8.01
86)		2-CHLOROT0LUENE	2.362	2.588	2.300	2.459	2.682	2.657	2.732	2.546	2.430	2.247	2.500	6.68
87)		1,3,5-TRIMETHY...	2.890	2.878	2.833	2.913	3.222	3.256	3.318	3.099	2.906	2.644	2.996	7.24
88)		4-CHLOROTOLUENE	2.801	2.810	2.616	2.806	3.027	3.023	3.109	2.929	2.743	2.511	2.838	6.65
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.080	2.432	1.988	2.204	2.316	2.301	2.289	2.180	2.121	2.039	2.195	6.39

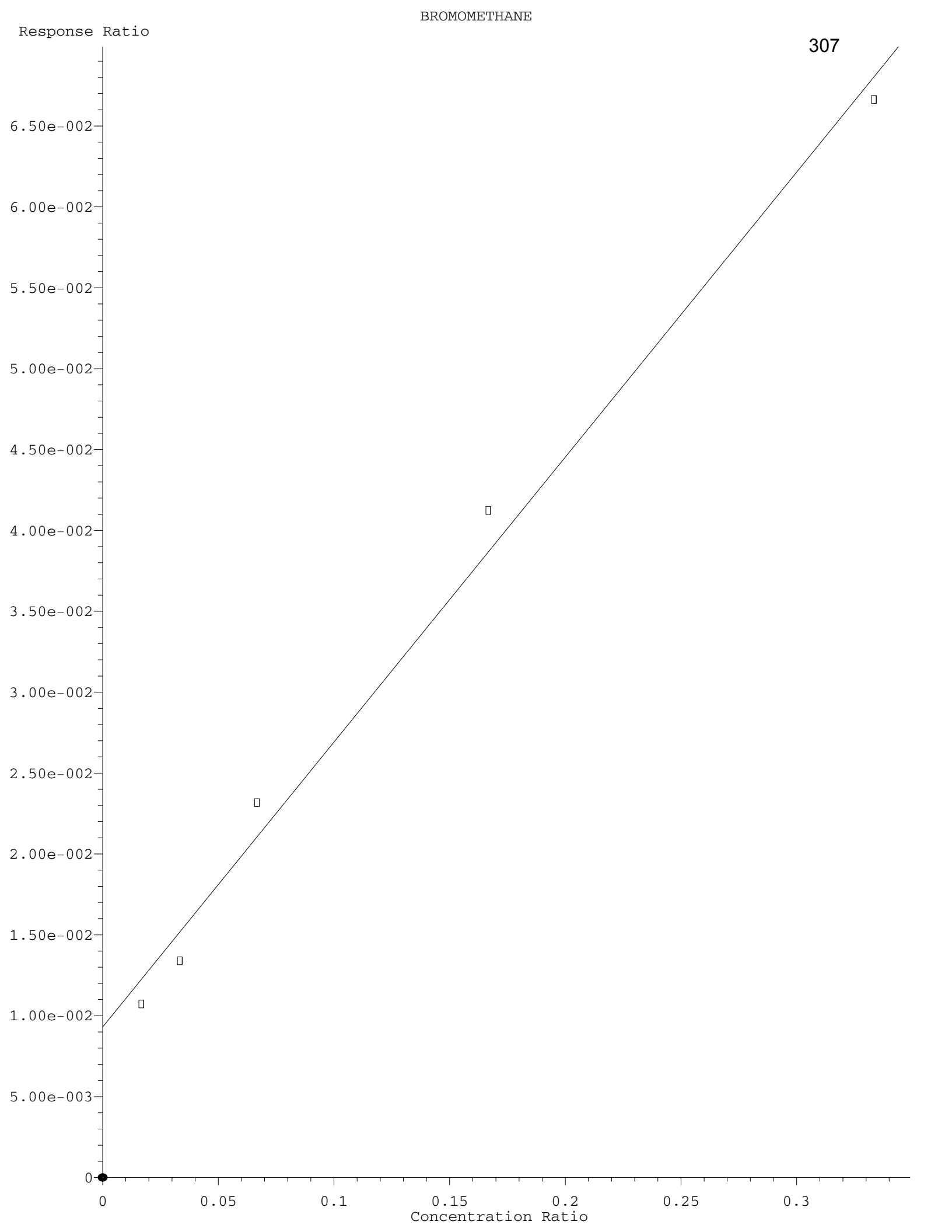
91)	1,2,4-TRIMETHY...	2.715	2.977	2.749	2.877	3.160	3.155	3.076	2.919	2.797	2.629	2.905	6.40	
92)	SEC-BUTYLBENZENE	2.739	2.963	2.638	2.873	3.122	3.180	3.055	2.925	2.831	2.696	2.902	6.27	
93)	1,3-DICHLOROBE...	1.479	1.704	1.529	1.614	1.770	1.743	1.724	1.648	1.629	1.573	1.641	5.82	
94)	P-ISOPROPYLTOL...	2.280	2.544	2.342	2.614	2.770	2.781	2.722	2.549	2.437	2.259	2.530	7.74	
95)	1,4-DICHLOROBE...	1.840	1.911	1.667	1.796	1.895	1.902	1.885	1.756	1.702	1.575	1.793	6.44	
96)	N-BUTYLBENZENE		1.702	1.537	2.000	2.317	2.380	2.389	2.254	2.209	2.121	2.101	14.39	
97)	1,2-DICHLOROBE...	1.499	1.544	1.488	1.547	1.716	1.721	1.729	1.601	1.604	1.526	1.597	5.86	
98)	1,2-DIBROMO-3-...			0.051	0.065	0.091	0.090	0.120	0.107	0.135	0.131	0.099	0.998	LR
99)	1,3,5-TRICHLOR...	0.409	0.330	0.438	0.673	0.957	1.037	1.075	1.082	1.075	1.052	0.813	1.000	LR
100)	1,2,4-TRICHLOR...			0.017	0.156	0.512	0.625	0.871	0.843	0.921	0.897	0.605	0.999	LR
101)	HEXACHLOROBUTA...				0.318	0.372	0.390	0.391	0.390	0.384	0.397	0.377	7.24	
102)	NAPHTHALENE				0.101	0.641	0.954	1.712	1.604	1.964	1.868	1.263	0.998	LR
103)	1,2,3-TRICHLOR...				0.061	0.320	0.439	0.696	0.645	0.751	0.730	0.520	0.999	LR

(#) = Out of Range

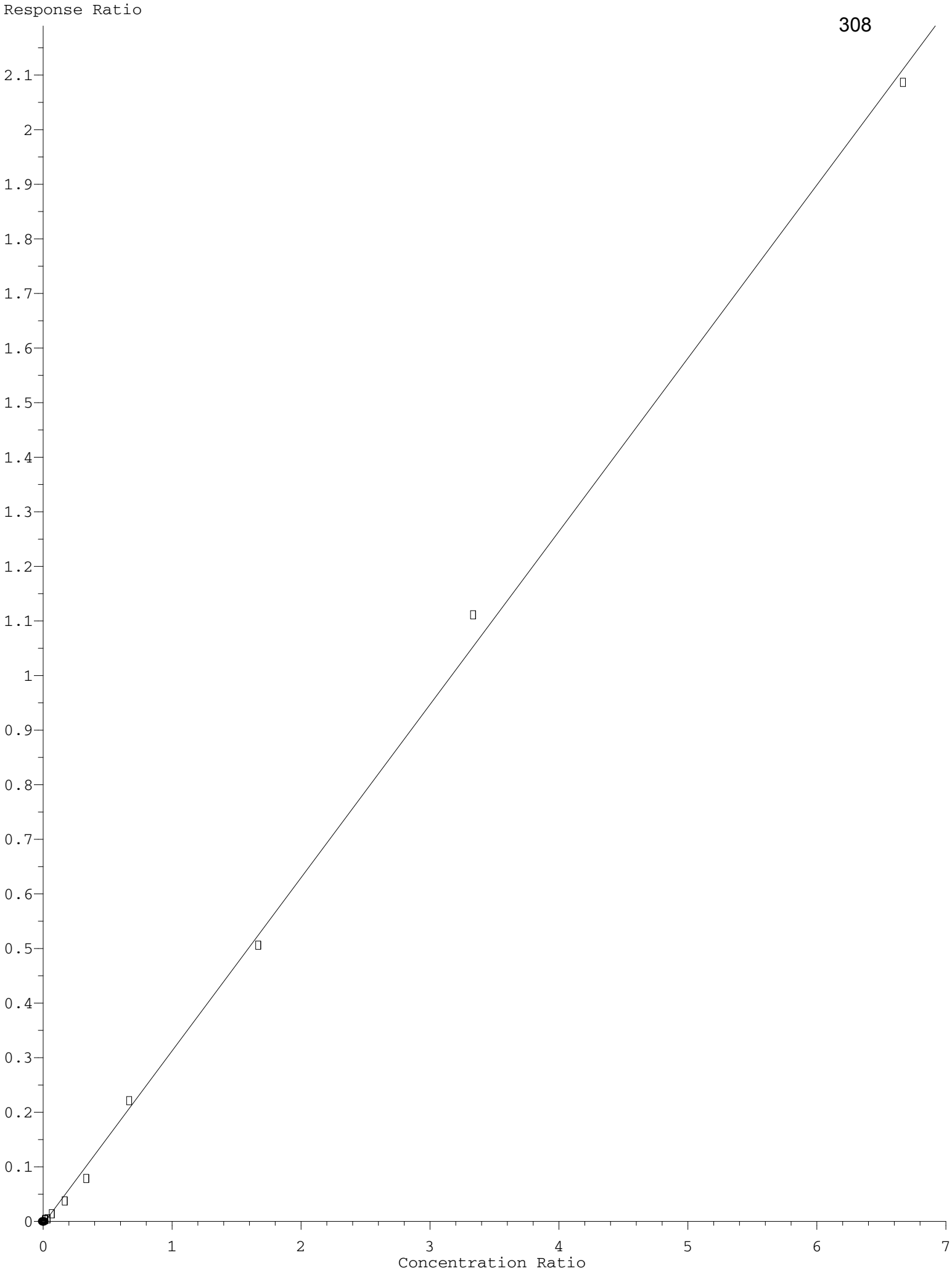
C0326W12.M Tue Apr 10 16:54:24 2012

DICHLORODIFLUOROMETHANE

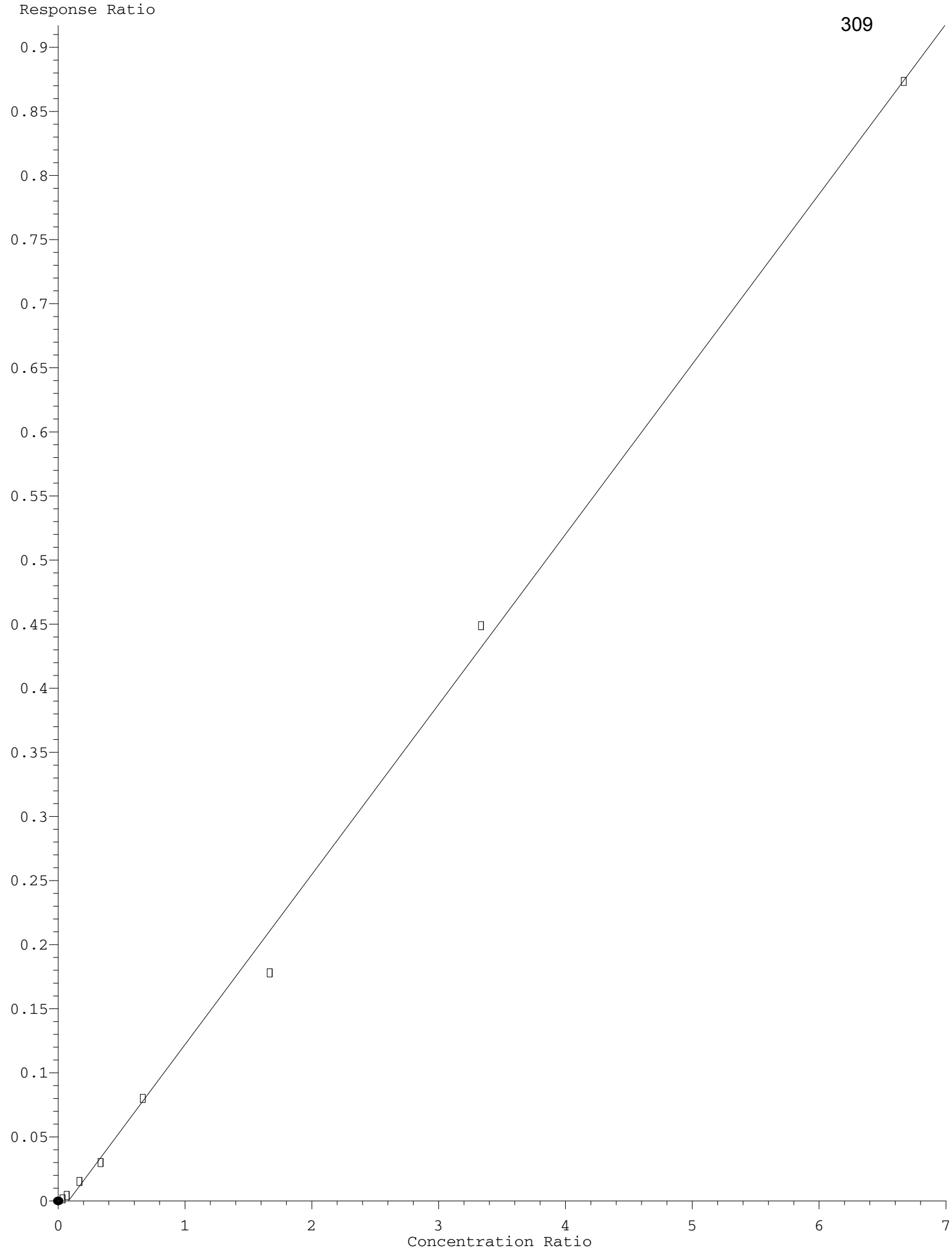


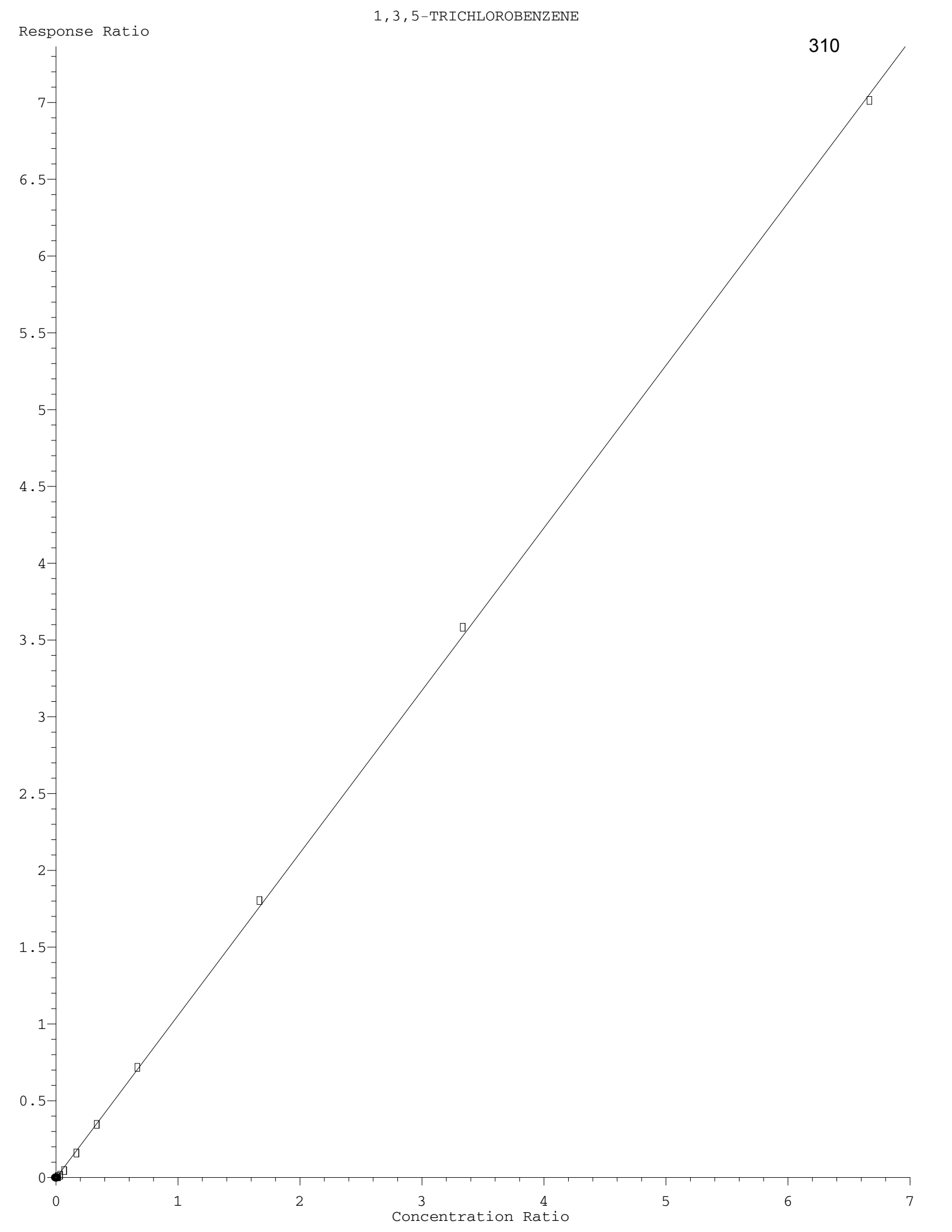

BROMOMETHANE
Response Ratio
307
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

1,4-DICHLORO-2-BUTENE(TRANS)

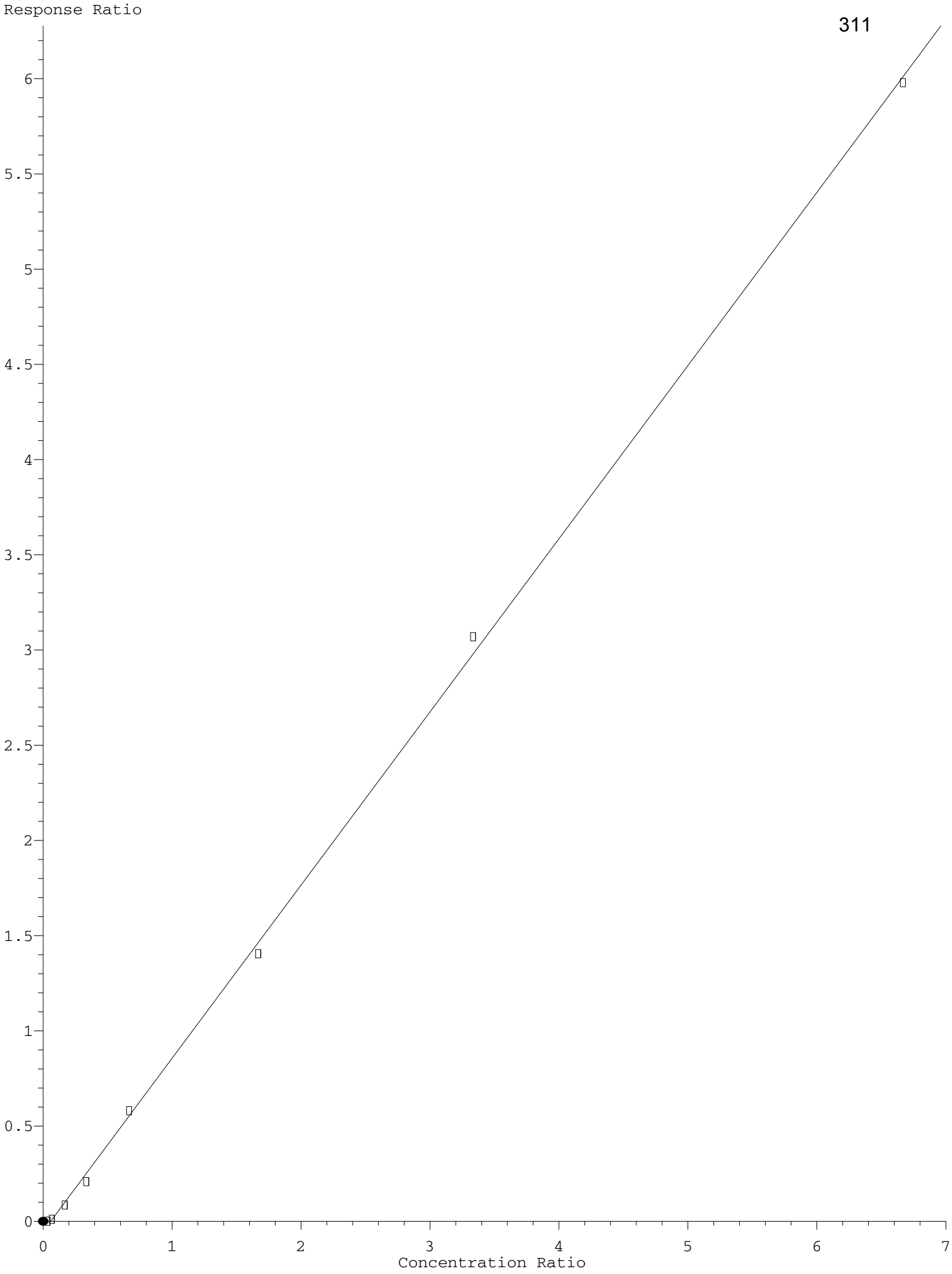


1,2-DIBROMO-3-CHLOROPROPANE

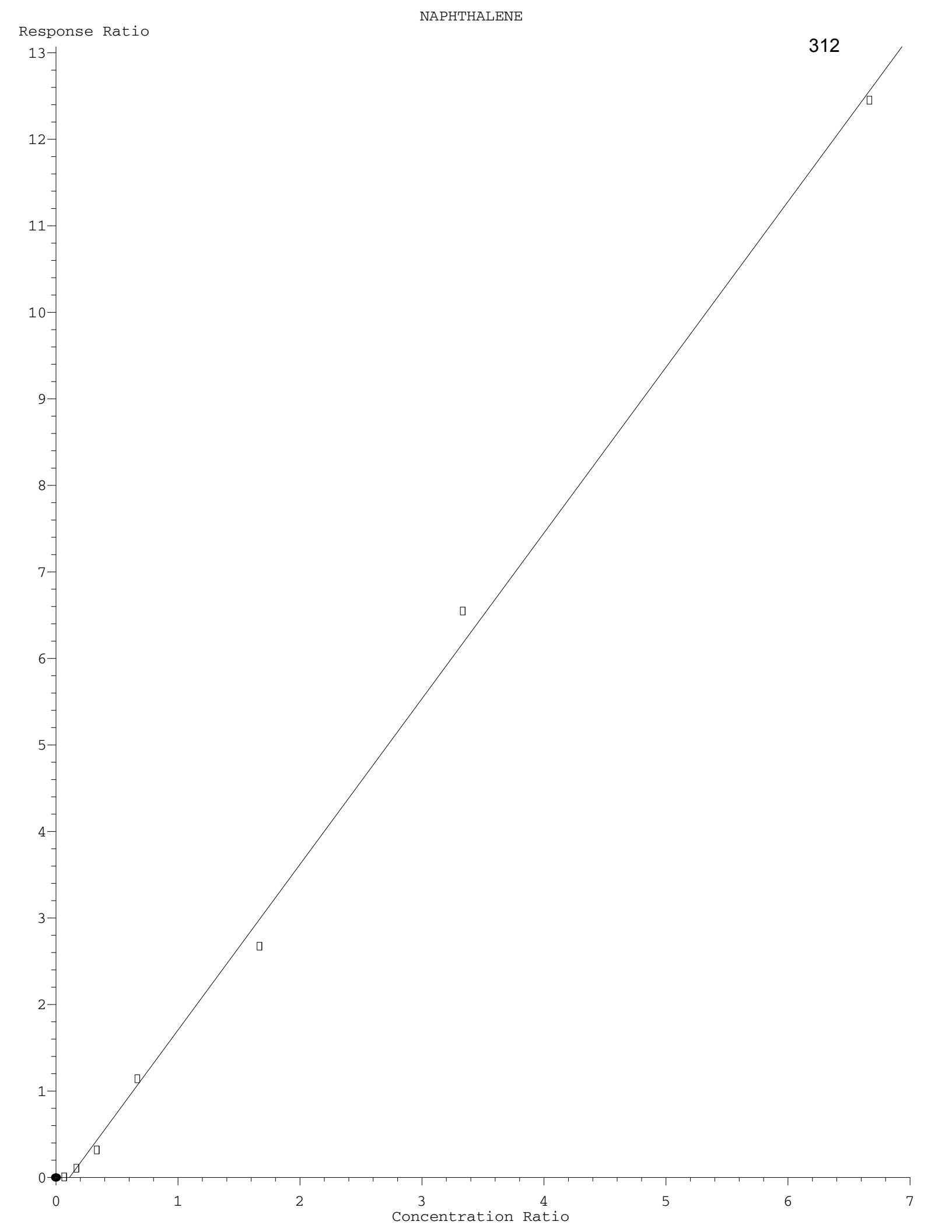



1,3,5-TRICHLOROBENZENE
Response Ratio
310
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio

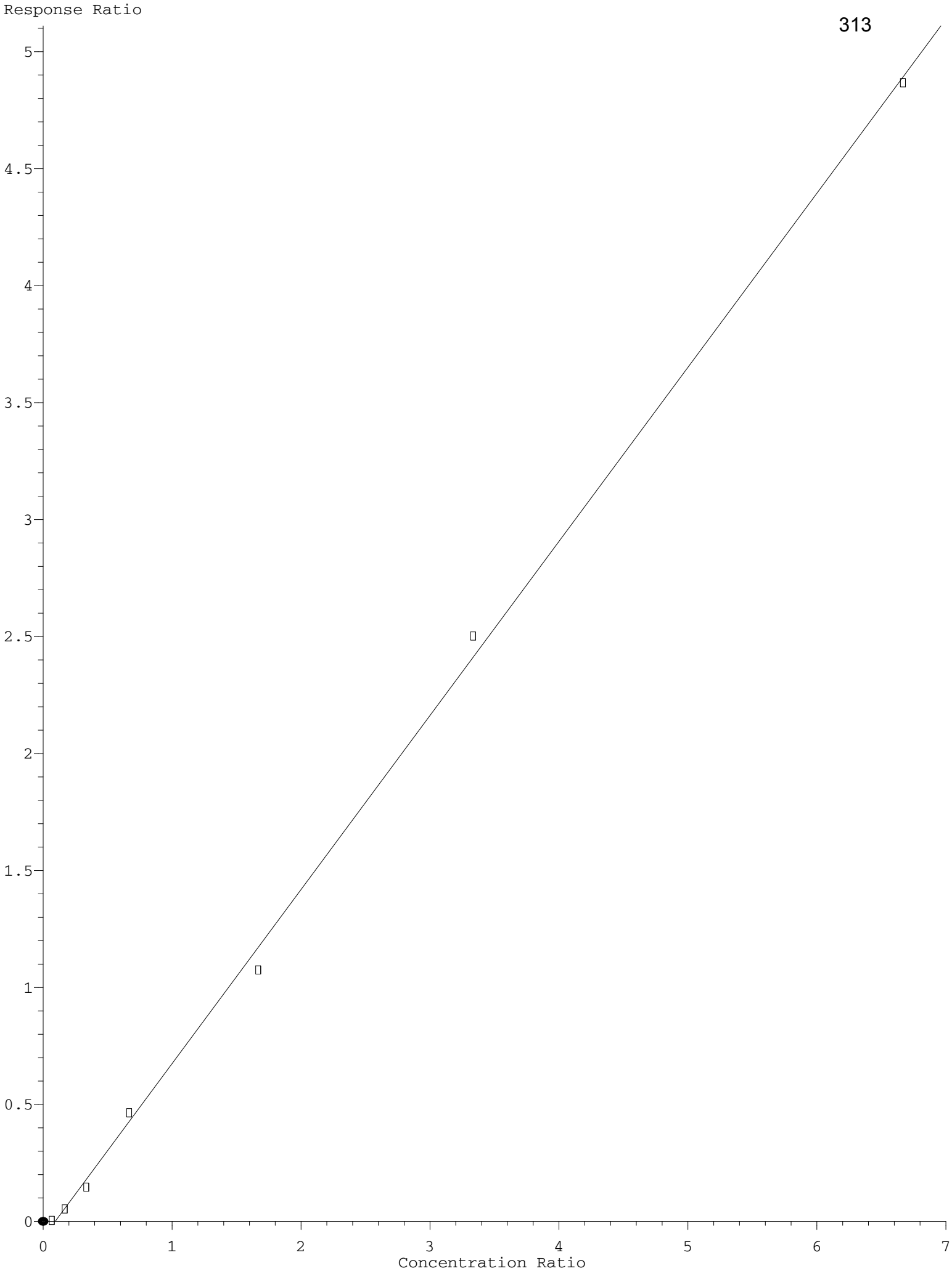
1,2,4-TRICHLOROBENZENE



NAPHTHALENE



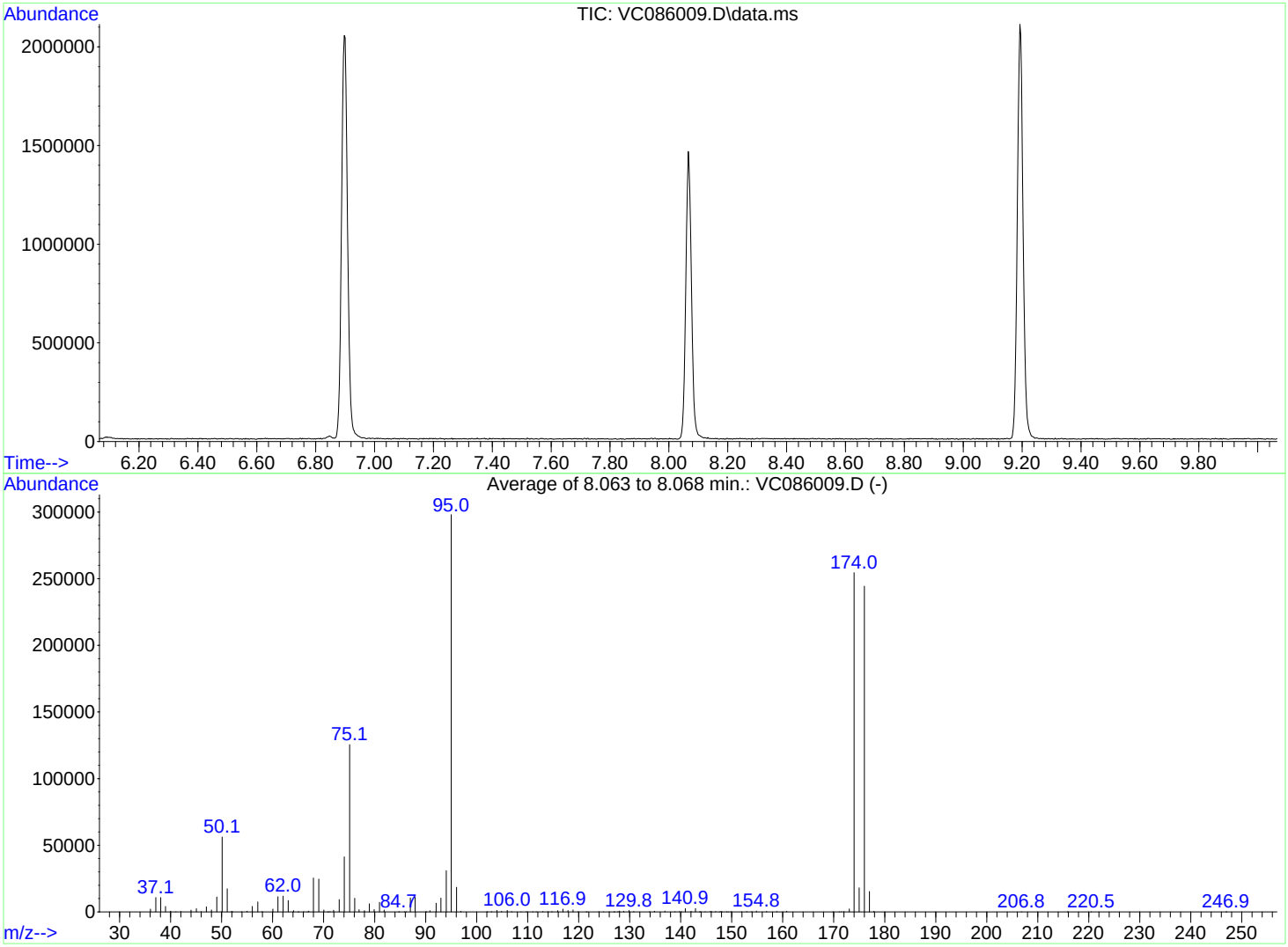
1,2,3-TRICHLOROBENZENE



Data Path : X:\1\DATA\032612\
Data File : VC086009.D
Acq On : 26 Mar 2012 9:51 am
Operator :
Sample : BFB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	56264	PASS
75	95	30	60	42.1	125496	PASS
95	95	100	100	100.0	298077	PASS
96	95	5	9	6.2	18456	PASS
173	174	0.00	2	0.9	2180	PASS
174	95	50	100	85.4	254570	PASS
175	174	5	9	7.1	18122	PASS
176	174	95	101	96.0	244373	PASS
177	176	5	9	6.3	15287	PASS

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	626361	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	982508	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	508911	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	524310	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	252096	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.486	98	905759	23.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	416219	27.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	6013	0.37	UG/L		90
4) DIFLUOROCHLOROMETHANE	0.840	51	7492	0.45	UG/L		99
5) CHLOROMETHANE	0.910	50	4144	0.40	UG/L		95
6) VINYL CHLORIDE	0.958	62	3892	0.26	UG/L	#	86
7) BROMOMETHANE	1.103	94	4633	0.15	UG/L		81
8) CHLOROETHANE	1.142	64	2165	0.29	UG/L		92
9) FLUORODICHLOROMETHANE	1.228	67	6019	0.24	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.250	101	5274	0.24	UG/L		85
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	3544	0.37	UG/L	#	76
13) ACROLEIN	1.457	56	4643	54.72	UG/L	#	58
14) ACETONE	1.535	43	12336	4.50	UG/L		95
15) 1,1-DICHLOROETHENE	1.501	61	4641	0.21	UG/L	#	72
16) 1,1,2-TRICL-1,2,2-TRIF...	1.490	101	2662m	0.25	UG/L		
17) IODOMETHANE	1.585	142	21452	6.60	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	0.000		0	N.D.	d		
21) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
22) ACRYLONITRILE	1.920	53	2653	0.76	UG/L		92
23) METHYLENE CHLORIDE	1.763	49	26672	1.57	UG/L		95
24) CARBON DISULFIDE	1.618	76	80084	2.16	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	13377	0.45	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7933	0.39	UG/L	#	67
27) 1,1-DICHLOROETHANE	2.224	63	9669	0.40	UG/L	#	95
28) VINYL ACETATE	2.271	43	136635	6.52	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	18983	0.56	UG/L		90
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	25481	6.16	UG/L	#	73
32) T-BUTYL ETHYL ETHER	2.592	59	15795	0.42	UG/L	#	90
33) CIS-1,2-DICHLOROETHENE	2.714	61	8985	0.36	UG/L	#	75
34) 2,2-DICHLOROPROPANE	2.706	77	6735m	0.41	UG/L		
35) ETHYL ACETATE	2.812	43	8643	0.77	UG/L	#	74
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	5788	0.54	UG/L	#	79
39) TETRAHYDROFURAN	0.000		0	N.D.	d		
40) CHLOROFORM	3.029	83	9666m	0.39	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.211	97	7854	0.36	UG/L	#	78
42) CYCLOHEXANE	3.272	56	19510	0.98	UG/L	#	57
43) CARBON TETRACHLORIDE	3.381	117	5758m	0.35	UG/L		
44) 1,1-DICHLOROPROPENE	3.381	75	6822	0.36	UG/L	#	86
45) BENZENE	3.587	78	20149	0.41	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

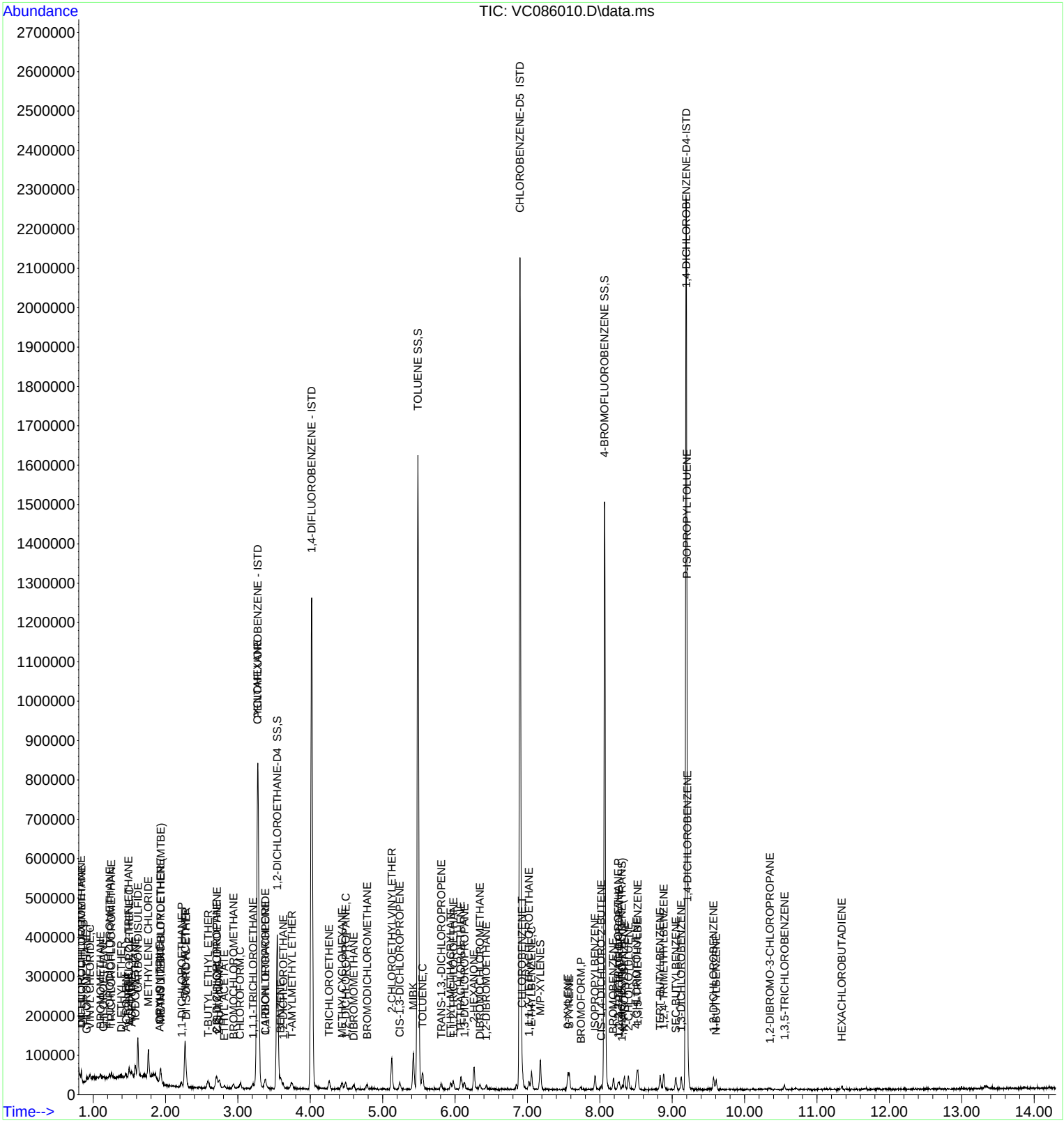
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.746	73	13347	0.44 UG/L #	75
50) 1,2-DICHLOROETHANE	3.626	62	8096	0.31 UG/L #	84
51) TRICHLOROETHENE	4.259	95	5911	0.41 UG/L	95
52) METHYLCYCLOHEXANE	4.441	83	6667m	0.44 UG/L	
53) 1,2-DICHLOROPROPANE	4.491	63	6157	0.47 UG/L #	76
54) DIBROMOMETHANE	4.599	93	3939	0.42 UG/L	91
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.786	83	7071	0.36 UG/L #	94
58) 2-CHLOROETHYLVINYLETHER	5.127	63	28232	4.00 UG/L	89
59) MIBK	5.422	43	53793	5.66 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	7906	0.40 UG/L #	90
61) TOLUENE	5.550	91	22031	0.40 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	6444	0.42 UG/L #	55
63) ETHYL METHACRYLATE	5.938	69	6990	0.25 UG/L	88
64) 1,1,2-TRICHLOROETHANE	5.977	97	5219	0.46 UG/L	98
65) 2-HEXANONE	6.261	43	33983	5.23 UG/L	94
66) TETRACHLOROETHENE	6.077	166	6450	0.47 UG/L	92
67) 1,3-DICHLOROPROPANE	6.130	76	7894	0.40 UG/L	93
68) DIBROMOCHLOROMETHANE	6.342	129	4473	0.36 UG/L	99
69) 1,2-DIBROMOETHANE	6.429	107	5363	0.45 UG/L	98
72) CHLOROBENZENE	6.925	112	14916	0.49 UG/L #	81
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	4266	0.45 UG/L	95
74) ETHYLBENZENE	7.056	91	24296	0.44 UG/L #	88
75) M/P-XYLENES	7.179	91	37631	0.86 UG/L	99
76) 0-XYLENE	7.558	91	19244	0.45 UG/L	98
77) STYRENE	7.581	104	15867	0.46 UG/L	91
78) BROMOFORM	7.739	173	2160	0.38 UG/L #	79
79) ISOPROPYLBENZENE	7.932	105	21218	0.44 UG/L	95
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	2371	0.56 UG/L #	35
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	6155	0.52 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.306	53	1436	0.38 UG/L	90
83) BROMOBENZENE	8.186	77	10264	0.45 UG/L	94
84) 1,2,3-TRICHLOROPROPANE	8.269	75	5159	0.49 UG/L #	77
85) N-PROPYLBENZENE	8.339	91	22821	0.43 UG/L	92
86) 2-CHLOROT0LUENE	8.398	91	16024	0.44 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	19610	0.44 UG/L	93
88) 4-CHLOROTOLUENE	8.509	91	19006	0.44 UG/L	93
90) TERT-BUTYLBENZENE	8.833	119	14542	0.41 UG/L	84
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	18981	0.36 UG/L	87
92) SEC-BUTYLBENZENE	9.050	105	19148	0.38 UG/L	97
93) 1,3-DICHLOROBENZENE	9.125	146	10336	0.40 UG/L	96
94) P-ISOPROPYLTOLUENE	9.204	119	15937	0.38 UG/L #	89
95) 1,4-DICHLOROBENZENE	9.212	146	12862	0.43 UG/L	91
96) N-BUTYLBENZENE	9.608	91	10465	0.27 UG/L	93
97) 1,2-DICHLOROBENZENE	9.572	146	10476	0.41 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.350	75	613m	0.26 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.553	180	2862m	0.16 UG/L	
100) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.	
101) HEXACHLOROBUTADIENE	11.342	225	1507	0.23 UG/L #	45
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	611175	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	970401	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	500452	30.00	UG/L	#	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507090	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	239076	15.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.84%#				
49) TOLUENE SS	5.489	98	890164	23.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.84%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	413502	27.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	7368	0.47	UG/L		94
4) DIFLUOROCHLOROMETHANE	0.840	51	10217	0.62	UG/L		100
5) CHLOROMETHANE	0.913	50	5687	0.56	UG/L		92
6) VINYL CHLORIDE	0.960	62	5276	0.36	UG/L	#	85
7) BROMOMETHANE	1.102	94	6555	0.39	UG/L		89
8) CHLOROETHANE	1.144	64	3132	0.43	UG/L		90
9) FLUORODICHLOROMETHANE	1.233	67	8516	0.35	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.259	101	8363	0.39	UG/L		96
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	3831	0.42	UG/L	#	79
13) ACROLEIN	1.454	56	4986	61.80	UG/L	#	1
14) ACETONE	1.529	43	12065	4.51	UG/L		97
15) 1,1-DICHLOROETHENE	1.504	61	6795	0.32	UG/L	#	89
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	3487	0.33	UG/L	#	75
17) IODOMETHANE	1.585	142	42233	7.58	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	0.000		0	N.D.	d		
21) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
22) ACRYLONITRILE	1.917	53	2735m	0.80	UG/L		
23) METHYLENE CHLORIDE	1.766	49	25882	1.56	UG/L		95
24) CARBON DISULFIDE	1.618	76	115312	3.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	15128	0.52	UG/L	#	81
26) TRANS 1,2-DICHLOROETHENE	1.931	61	10325	0.52	UG/L	#	81
27) 1,1-DICHLOROETHANE	2.226	63	12879	0.55	UG/L	#	81
28) VINYL ACETATE	2.271	43	157555	7.70	UG/L	#	85
29) DI ISOPROYL ETHER	2.288	45	25771	0.78	UG/L	#	82
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.739	43	26682	6.61	UG/L		96
32) T-BUTYL ETHYL ETHER	2.594	59	18310	0.49	UG/L	#	85
33) CIS-1,2-DICHLOROETHENE	2.706	61	12904	0.53	UG/L	#	91
34) 2,2-DICHLOROPROPANE	2.700	77	8021	0.50	UG/L		96
35) ETHYL ACETATE	2.806	43	9813	0.90	UG/L	#	84
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	7094	0.68	UG/L	#	77
39) TETRAHYDROFURAN	0.000		0	N.D.	d		
40) CHLOROFORM	3.043	83	11219	0.47	UG/L	#	57
41) 1,1,1-TRICHLOROETHANE	3.213	97	11189	0.52	UG/L	#	84
42) CYCLOHEXANE	3.272	56	23527m	1.21	UG/L		
43) CARBON TETRACHLORIDE	3.372	117	8134	0.51	UG/L		92
44) 1,1-DICHLOROPROPENE	3.389	75	8811m	0.47	UG/L		
45) BENZENE	3.595	78	26687	0.56	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

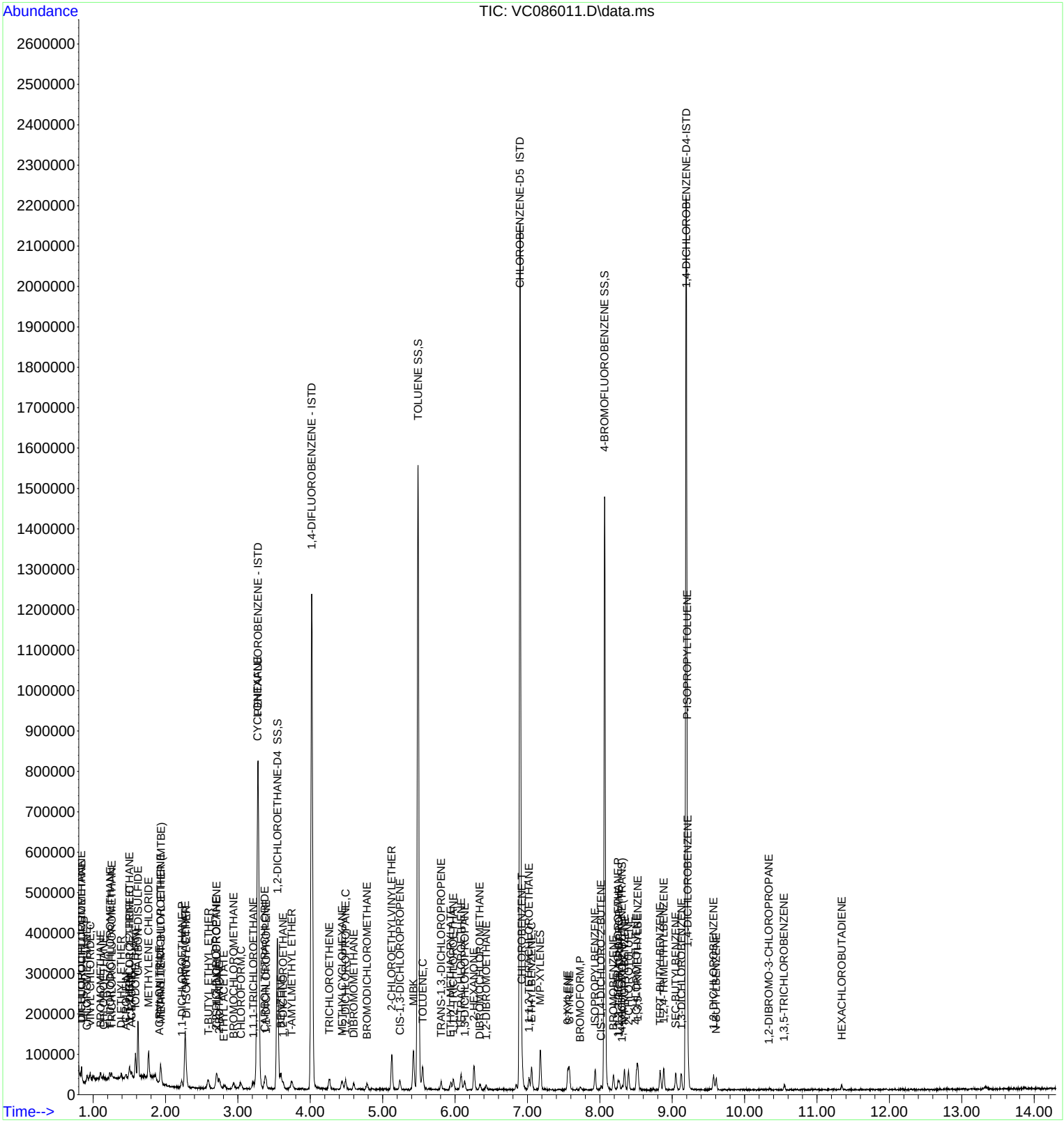
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.740	73	15720	0.53 UG/L	98
50) 1,2-DICHLOROETHANE	3.623	62	10611	0.41 UG/L #	84
51) TRICHLOROETHENE	4.262	95	7806	0.55 UG/L	91
52) METHYLCYCLOHEXANE	4.440	83	8293	0.55 UG/L #	95
53) 1,2-DICHLOROPROPANE	4.488	63	7505	0.58 UG/L #	89
54) DIBROMOMETHANE	4.602	93	4874	0.52 UG/L #	81
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.783	83	7468	0.38 UG/L #	86
58) 2-CHLOROETHYLVINYLETHER	5.124	63	31800	4.57 UG/L	84
59) MIBK	5.425	43	60841	6.48 UG/L #	91
60) CIS-1,3-DICHLOROPROPENE	5.238	75	9364	0.48 UG/L #	83
61) TOLUENE	5.553	91	30723	0.56 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	7508	0.49 UG/L #	82
63) ETHYL METHACRYLATE	5.941	69	7838	0.29 UG/L #	26
64) 1,1,2-TRICHLOROETHANE	5.974	97	6572	0.58 UG/L	96
65) 2-HEXANONE	6.261	43	36119	5.63 UG/L	90
66) TETRACHLOROETHENE	6.083	166	7844	0.58 UG/L	97
67) 1,3-DICHLOROPROPANE	6.136	76	9783	0.50 UG/L	99
68) DIBROMOCHLOROMETHANE	6.339	129	5615	0.46 UG/L	95
69) 1,2-DIBROMOETHANE	6.429	107	6333	0.53 UG/L	97
72) CHLOROBENZENE	6.922	112	21029	0.70 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	5736	0.61 UG/L	93
74) ETHYLBENZENE	7.056	91	33568	0.62 UG/L	98
75) M/P-XYLENES	7.176	91	52390	1.22 UG/L	97
76) 0-XYLENE	7.555	91	25656	0.61 UG/L	98
77) STYRENE	7.580	104	21336	0.62 UG/L	87
78) BROMOFORM	7.728	173	2514	0.45 UG/L #	87
79) ISOPROPYLBENZENE	7.932	105	29529	0.63 UG/L	96
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	2260	0.55 UG/L #	68
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	7156	0.61 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	2012m	0.55 UG/L	
83) BROMOBENZENE	8.188	77	12820	0.57 UG/L	93
84) 1,2,3-TRICHLOROPROPANE	8.266	75	5303	0.51 UG/L	88
85) N-PROPYLBENZENE	8.342	91	32069	0.61 UG/L	98
86) 2-CHLOROT0LUENE	8.397	91	21586	0.60 UG/L #	88
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	24008	0.54 UG/L	89
88) 4-CHLOROTOLUENE	8.506	91	23437	0.55 UG/L	91
90) TERT-BUTYLBENZENE	8.832	119	20552	0.59 UG/L	83
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	25163	0.50 UG/L	91
92) SEC-BUTYLBENZENE	9.047	105	25038	0.52 UG/L	93
93) 1,3-DICHLOROBENZENE	9.128	146	14399	0.58 UG/L	98
94) P-ISOPROPYLTOLUENE	9.206	119	21504	0.52 UG/L #	91
95) 1,4-DICHLOROBENZENE	9.214	146	16149	0.56 UG/L #	92
96) N-BUTYLBENZENE	9.605	91	14386	0.39 UG/L	93
97) 1,2-DICHLOROBENZENE	9.571	146	13052	0.53 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.336	75	479m	0.21 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.545	180	2793	0.16 UG/L	89
100) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.	
101) HEXACHLOROBUTADIENE	11.342	225	1987	0.32 UG/L #	45
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	623908	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	976002	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	505602	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	513719	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	237935	14.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.32%#				
49) TOLUENE SS	5.489	98	893505	23.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.68%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	411333	26.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.840	85	8341	0.52	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.843	51	13239	0.79	UG/L	#	91
5) CHLOROMETHANE	0.913	50	6405	0.62	UG/L		94
6) VINYL CHLORIDE	0.963	62	7838	0.53	UG/L		99
7) BROMOMETHANE	1.100	94	8357	0.58	UG/L		93
8) CHLOROETHANE	1.144	64	4403	0.60	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	13545	0.54	UG/L	#	80
10) TRICHLOROFLUOROMETHANE	1.259	101	12144	0.55	UG/L		94
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	6857	0.73	UG/L		97
13) ACROLEIN	1.456	56	10746	147.95	UG/L	#	1
14) ACETONE	1.535	43	19211	7.04	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	11640	0.54	UG/L		87
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	5940	0.55	UG/L	#	79
17) IODOMETHANE	1.585	142	88032	9.62	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	6111	0.47	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	6117m	8.01	UG/L		
22) ACRYLONITRILE	1.919	53	5126	1.48	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	32074	1.89	UG/L		89
24) CARBON DISULFIDE	1.621	76	194203	5.27	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	26760	0.91	UG/L	#	89
26) TRANS 1,2-DICHLOROETHENE	1.933	61	18597	0.91	UG/L	#	87
27) 1,1-DICHLOROETHANE	2.221	63	22948	0.96	UG/L		98
28) VINYL ACETATE	2.271	43	290281	13.90	UG/L	#	95
29) DI ISOPROYL ETHER	2.288	45	42561	1.26	UG/L	#	64
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	49393	11.99	UG/L		95
32) T-BUTYL ETHYL ETHER	2.591	59	35024	0.93	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	21659	0.87	UG/L	#	77
34) 2,2-DICHLOROPROPANE	2.703	77	14958	0.91	UG/L	#	88
35) ETHYL ACETATE	2.815	43	14004	1.26	UG/L	#	85
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	12615	1.18	UG/L		97
39) TETRAHYDROFURAN	2.993	42	4240m	1.85	UG/L		
40) CHLOROFORM	3.035	83	21825	0.89	UG/L		95
41) 1,1,1-TRICHLOROETHANE	3.208	97	18205	0.83	UG/L		97
42) CYCLOHEXANE	3.266	56	30185m	1.53	UG/L		
43) CARBON TETRACHLORIDE	3.372	117	11599	0.71	UG/L		88
44) 1,1-DICHLOROPROPENE	3.378	75	16187	0.85	UG/L	#	84
45) BENZENE	3.593	78	49038	1.01	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

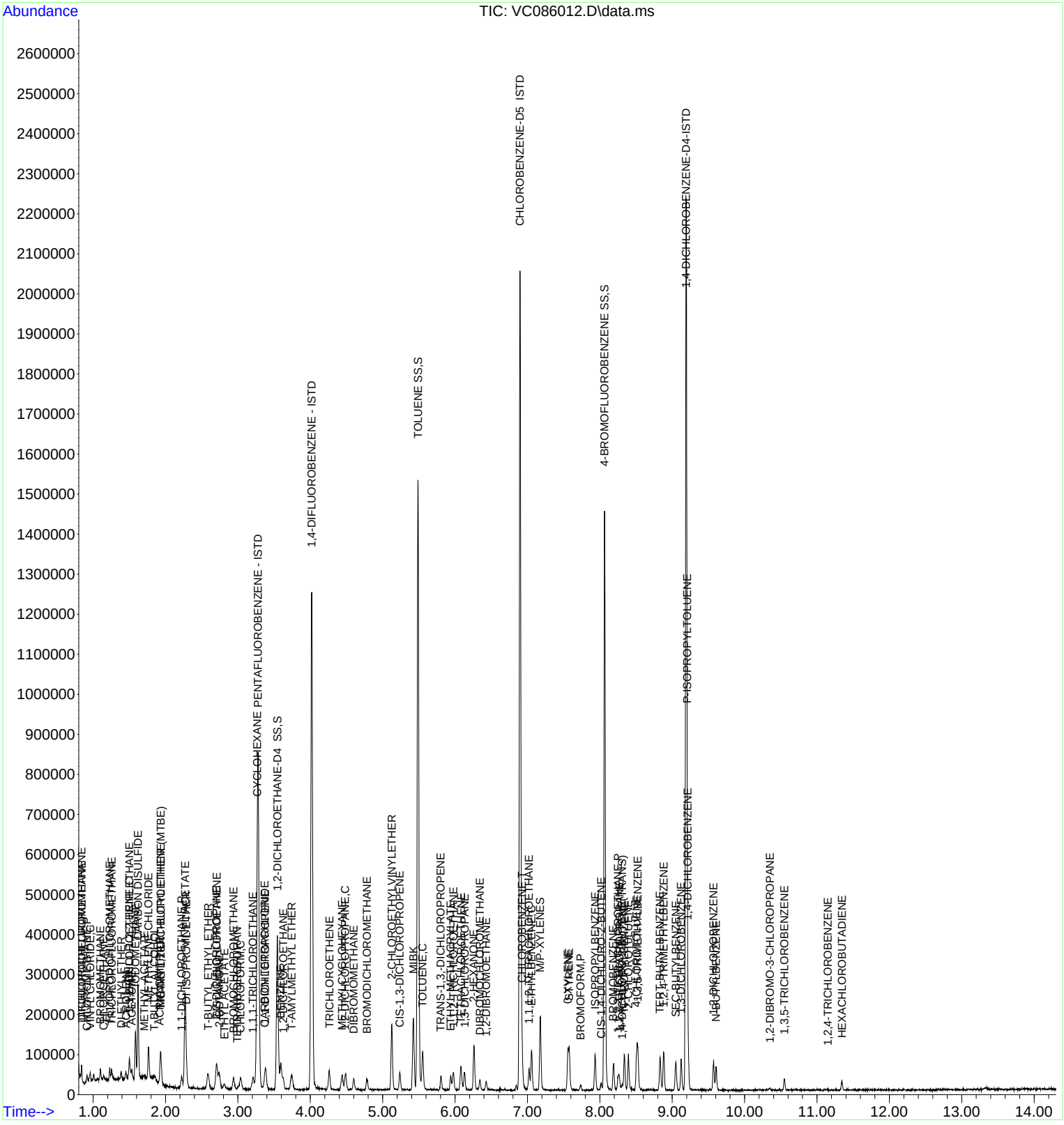
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.740	73	27821	0.92 UG/L	99
50) 1,2-DICHLOROETHANE	3.626	62	18345	0.70 UG/L	98
51) TRICHLOROETHENE	4.265	95	13182	0.92 UG/L	85
52) METHYLCYCLOHEXANE	4.438	83	14309	0.94 UG/L #	65
53) 1,2-DICHLOROPROPANE	4.482	63	13481	1.03 UG/L #	91
54) DIBROMOMETHANE	4.599	93	7987	0.85 UG/L #	83
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.783	83	14871	0.76 UG/L #	97
58) 2-CHLOROETHYLVINYLETHER	5.126	63	57542	8.22 UG/L	87
59) MIBK	5.425	43	111657	11.82 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	18248	0.94 UG/L	92
61) TOLUENE	5.550	91	56763	1.03 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.801	75	14214	0.92 UG/L #	91
63) ETHYL METHACRYLATE	5.938	69	15185	0.55 UG/L #	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	11627	1.03 UG/L	98
65) 2-HEXANONE	6.259	43	65014	10.07 UG/L	93
66) TETRACHLOROETHENE	6.083	166	14492	1.07 UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	18934	0.96 UG/L	98
68) DIBROMOCHLOROMETHANE	6.342	129	9724	0.79 UG/L	95
69) 1,2-DIBROMOETHANE	6.429	107	11981	1.00 UG/L	90
72) CHLOROBENZENE	6.925	112	35700	1.18 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	10266	1.08 UG/L #	90
74) ETHYLBENZENE	7.056	91	60344	1.10 UG/L	98
75) M/P-XYLENES	7.176	91	94084	2.16 UG/L	98
76) 0-XYLENE	7.558	91	46000	1.08 UG/L	92
77) STYRENE	7.578	104	41412	1.20 UG/L #	84
78) BROMOFORM	7.734	173	4615	0.81 UG/L #	94
79) ISOPROPYLBENZENE	7.934	105	51816	1.09 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	3600	0.86 UG/L #	66
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	12778	1.08 UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	2402	0.65 UG/L	98
83) BROMOBENZENE	8.185	77	22207	0.98 UG/L #	86
84) 1,2,3-TRICHLOROPROPANE	8.272	75	10521	1.00 UG/L	92
85) N-PROPYLBENZENE	8.339	91	57971	1.10 UG/L	96
86) 2-CHLOROT0LUENE	8.395	91	38765	1.06 UG/L	92
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	47752	1.07 UG/L	97
88) 4-CHLOROTOLUENE	8.509	91	44095	1.03 UG/L	93
90) TERT-BUTYLBENZENE	8.830	119	34050	0.97 UG/L	86
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	47067	0.92 UG/L	93
92) SEC-BUTYLBENZENE	9.050	105	45172	0.92 UG/L #	91
93) 1,3-DICHLOROBENZENE	9.122	146	26189	1.04 UG/L	97
94) P-ISOPROPYLTOLUENE	9.206	119	40102	0.97 UG/L	96
95) 1,4-DICHLOROBENZENE	9.214	146	28553	0.98 UG/L #	87
96) N-BUTYLBENZENE	9.608	91	26312	0.70 UG/L	91
97) 1,2-DICHLOROBENZENE	9.571	146	25479	1.02 UG/L	95
98) 1,2-DIBROMO-3-CHLOROPR...	10.352	75	873m	0.38 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.550	180	7506	0.42 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	290m	0.02 UG/L	
101) HEXACHLOROBUTADIENE	11.348	225	3996m	0.63 UG/L	
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
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Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	589195	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	911500	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	483760	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	501899	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	225365	14.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.48%#				
49) TOLUENE SS	5.489	98	842874	23.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398234	27.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	20873	1.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	30339	1.92	UG/L	#	90
5) CHLOROMETHANE	0.913	50	15179	1.56	UG/L		100
6) VINYL CHLORIDE	0.960	62	16974	1.21	UG/L		93
7) BROMOMETHANE	1.100	94	13654	1.29	UG/L		96
8) CHLOROETHANE	1.144	64	9220	1.32	UG/L	#	81
9) FLUORODICHLOROMETHANE	1.228	67	27491	1.16	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	26187	1.25	UG/L		100
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.384	59	12465	1.40	UG/L		92
13) ACROLEIN	1.454	56	19052	291.57	UG/L	#	1
14) ACETONE	1.529	43	39821	15.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.504	61	22574	1.10	UG/L	#	86
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	13020	1.28	UG/L		84
17) IODOMETHANE	1.585	142	200035	15.23	UG/L		93
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.705	43	11143	0.90	UG/L		96
21) T-BUTYL ALCOHOL	1.839	59	11010	15.27	UG/L	#	97
22) ACRYLONITRILE	1.920	53	8390	2.56	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	39871	2.49	UG/L		96
24) CARBON DISULFIDE	1.618	76	400074	11.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	54807	1.97	UG/L	#	90
26) TRANS 1,2-DICHLOROETHENE	1.931	61	37045	1.92	UG/L		89
27) 1,1-DICHLOROETHANE	2.224	63	44885	1.98	UG/L	#	95
28) VINYL ACETATE	2.268	43	586271	29.73	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	87665	2.75	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	99195	25.51	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	69396	1.94	UG/L		94
33) CIS-1,2-DICHLOROETHENE	2.706	61	44924	1.91	UG/L		88
34) 2,2-DICHLOROPROPANE	2.703	77	29674	1.91	UG/L		93
35) ETHYL ACETATE	2.809	43	26887	2.56	UG/L	#	91
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	26539	2.62	UG/L	#	73
39) TETRAHYDROFURAN	3.002	42	5715	2.64	UG/L	#	58
40) CHLOROFORM	3.038	83	43003	1.86	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.202	97	38022	1.83	UG/L		94
42) CYCLOHEXANE	3.261	56	49170m	2.63	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	27213	1.77	UG/L		99
44) 1,1-DICHLOROPROPENE	3.384	75	31293	1.74	UG/L	#	87
45) BENZENE	3.593	78	97385	2.11	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

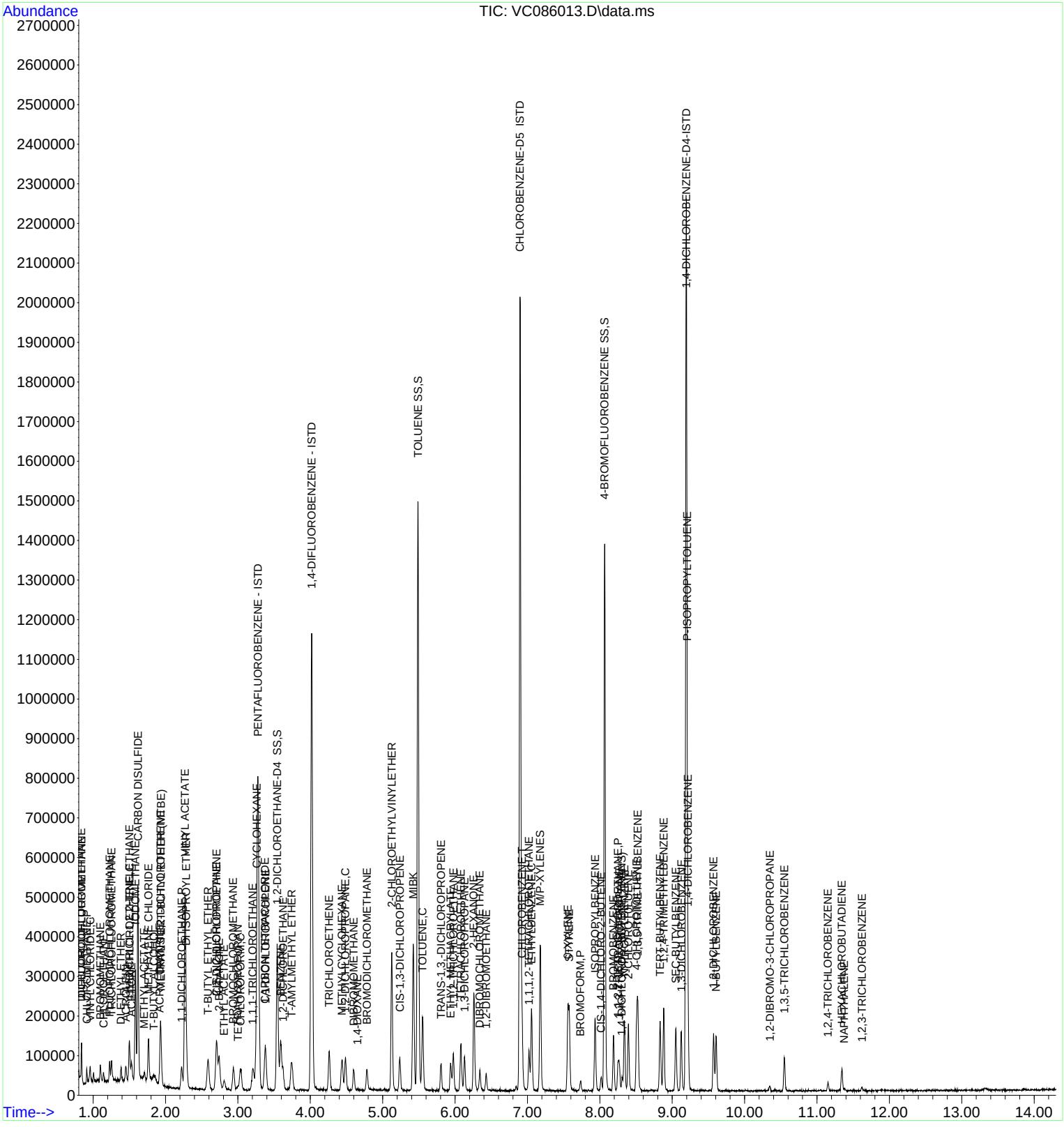
Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.743	73	59317m	2.07 UG/L		
50)	1,2-DICHLOROETHANE	3.623	62	35603	1.45 UG/L	#	88
51)	TRICHLOROETHENE	4.259	95	27496	2.06 UG/L		88
52)	METHYLCYCLOHEXANE	4.435	83	29278	2.07 UG/L		95
53)	1,2-DICHLOROPROPANE	4.485	63	26848	2.20 UG/L	#	90
54)	DIBROMOMETHANE	4.602	93	16355	1.86 UG/L	#	80
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	1188m	17.83 UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	28676	1.56 UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.126	63	125986	19.26 UG/L		91
59)	MIBK	5.422	43	227238	25.77 UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	36918	2.03 UG/L	#	91
61)	TOLUENE	5.550	91	113411	2.20 UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	28393	1.97 UG/L	#	87
63)	ETHYL METHACRYLATE	5.938	69	28372	1.10 UG/L		92
64)	1,1,2-TRICHLOROETHANE	5.977	97	22953	2.17 UG/L		97
65)	2-HEXANONE	6.259	43	144253	23.92 UG/L		92
66)	TETRACHLOROETHENE	6.080	166	30100	2.38 UG/L		95
67)	1,3-DICHLOROPROPANE	6.130	76	38249	2.08 UG/L		98
68)	DIBROMOCHLOROMETHANE	6.340	129	19122	1.65 UG/L		99
69)	1,2-DIBROMOETHANE	6.432	107	23153	2.07 UG/L		97
72)	CHLOROBENZENE	6.925	112	73782	2.55 UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	21198	2.33 UG/L		94
74)	ETHYLBENZENE	7.056	91	125772	2.40 UG/L		99
75)	M/P-XYLENES	7.173	91	188392	4.53 UG/L		96
76)	0-XYLENE	7.558	91	96039	2.36 UG/L		96
77)	STYRENE	7.578	104	81643	2.47 UG/L		88
78)	BROMOFORM	7.731	173	9900	1.82 UG/L	#	94
79)	ISOPROPYLBENZENE	7.935	105	105660	2.33 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	6714	1.68 UG/L	#	81
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	26245	2.32 UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.303	53	6769	1.90 UG/L	#	80
83)	BROMOBENZENE	8.188	77	45916	2.12 UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.269	75	19335	1.91 UG/L	#	82
85)	N-PROPYLBENZENE	8.342	91	123518	2.44 UG/L		97
86)	2-CHLOROT0LUENE	8.395	91	79300	2.27 UG/L		93
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	93962	2.20 UG/L		89
88)	4-CHLOROTOLUENE	8.509	91	90489	2.20 UG/L		93
90)	TERT-BUTYLBENZENE	8.833	119	73758	2.15 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	96269	1.92 UG/L		90
92)	SEC-BUTYLBENZENE	9.050	105	96114	2.00 UG/L		93
93)	1,3-DICHLOROBENZENE	9.128	146	54008	2.19 UG/L		96
94)	P-ISOPROPYLTOLUENE	9.206	119	87448	2.16 UG/L		96
95)	1,4-DICHLOROBENZENE	9.217	146	60099	2.12 UG/L		97
96)	N-BUTYLBENZENE	9.608	91	66914	1.82 UG/L		93
97)	1,2-DICHLOROBENZENE	9.572	146	51749	2.11 UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.350	75	2178m	0.97 UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.550	180	22516	1.30 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	5210	0.38 UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	10639	1.72 UG/L		97
102)	NAPHTHALENE	11.373	128	3389m	0.13 UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.624	180	2028	0.20 UG/L		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	588990	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	930510	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488427	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507149	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	235558	15.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.20%#				
49) TOLUENE SS	5.489	98	854222	23.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.92%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	405085	27.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	42392	2.81	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	71560	4.52	UG/L	#	82
5) CHLOROMETHANE	0.913	50	32182	3.30	UG/L		99
6) VINYL CHLORIDE	0.960	62	39149	2.80	UG/L		99
7) BROMOMETHANE	1.099	94	24285	2.59	UG/L		96
8) CHLOROETHANE	1.144	64	20999	3.01	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	72615	3.07	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	65856	3.15	UG/L		99
11) ETHANOL	1.345	45	4991m	69.74	UG/L		
12) DI ETHYL ETHER	1.390	59	31610	3.56	UG/L		94
13) ACROLEIN	1.454	56	53967	855.03	UG/L	#	1
14) ACETONE	1.535	43	106640	41.39	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	59065	2.88	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	31867	3.14	UG/L	#	79
17) IODOMETHANE	1.585	142	593480	34.12	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	31849	2.58	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	31803	44.12	UG/L	#	89
22) ACRYLONITRILE	1.917	53	22646	6.90	UG/L		92
23) METHYLENE CHLORIDE	1.769	49	75528	4.73	UG/L		90
24) CARBON DISULFIDE	1.621	76	1010968	29.04	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	154243	5.53	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.933	61	101355	5.26	UG/L		89
27) 1,1-DICHLOROETHANE	2.226	63	123026	5.44	UG/L		100
28) VINYL ACETATE	2.271	43	1637457	83.07	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	239520	7.51	UG/L	#	82
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	284817	73.26	UG/L		93
32) T-BUTYL ETHYL ETHER	2.586	59	199798	5.60	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	121620	5.16	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	81501	5.25	UG/L	#	88
35) ETHYL ACETATE	2.809	43	77357	7.36	UG/L		96
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.943	49	69387	6.86	UG/L		91
39) TETRAHYDROFURAN	2.996	42	18024m	8.32	UG/L		
40) CHLOROFORM	3.038	83	118804	5.14	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	100614	4.84	UG/L	#	82
42) CYCLOHEXANE	3.252	56	114155	6.11	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	73366	4.77	UG/L		92
44) 1,1-DICHLOROPROPENE	3.386	75	87157	4.85	UG/L		93
45) BENZENE	3.595	78	266858	5.80	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

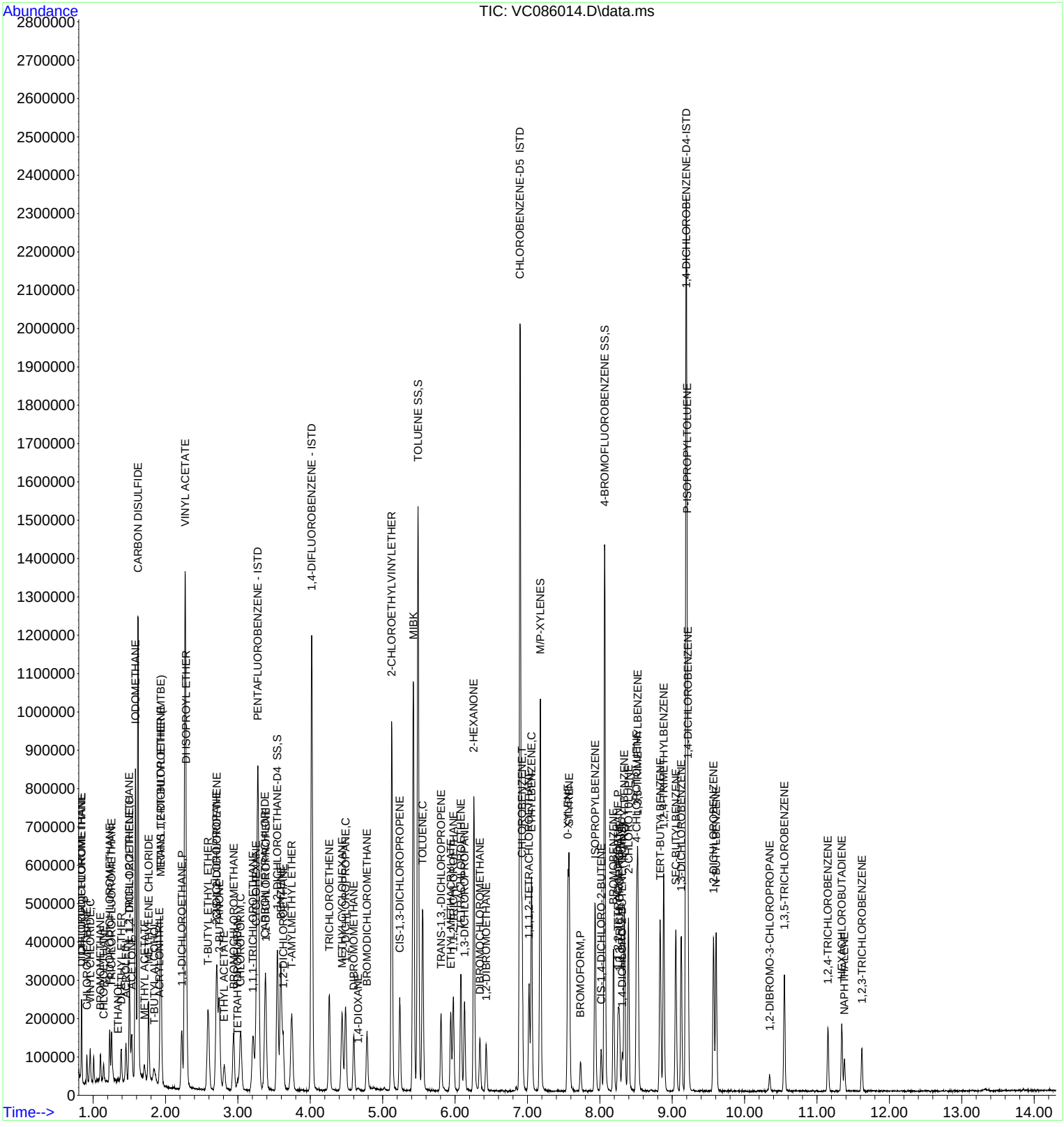
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.743	73	161463	5.64 UG/L	95
50) 1,2-DICHLOROETHANE	3.626	62	101264	4.05 UG/L #	91
51) TRICHLOROETHENE	4.262	95	73038	5.35 UG/L	88
52) METHYLCYCLOHEXANE	4.437	83	74887	5.18 UG/L	96
53) 1,2-DICHLOROPROPANE	4.488	63	74250	5.96 UG/L #	92
54) DIBROMOMETHANE	4.602	93	45716	5.09 UG/L	89
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.661	88	3928m	57.76 UG/L	
57) BROMODICHLOROMETHANE	4.783	83	81513	4.34 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.123	63	343322	51.42 UG/L	89
59) MIBK	5.425	43	654344	72.68 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	106258	5.73 UG/L #	90
61) TOLUENE	5.550	91	302072	5.73 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	83875	5.71 UG/L #	91
63) ETHYL METHACRYLATE	5.943	69	83913	3.20 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	63458	5.89 UG/L	97
65) 2-HEXANONE	6.258	43	427763	69.48 UG/L	93
66) TETRACHLOROETHENE	6.080	166	79255	6.14 UG/L	98
67) 1,3-DICHLOROPROPANE	6.130	76	103023	5.48 UG/L	100
68) DIBROMOCHLOROMETHANE	6.345	129	57472	4.87 UG/L	99
69) 1,2-DIBROMOETHANE	6.431	107	67192	5.89 UG/L	99
72) CHLOROBENZENE	6.925	112	201095	6.88 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	61508	6.70 UG/L	98
74) ETHYLBENZENE	7.056	91	339241	6.40 UG/L	99
75) M/P-XYLENES	7.179	91	514211	12.24 UG/L	96
76) 0-XYLENE	7.558	91	255047	6.22 UG/L	95
77) STYRENE	7.577	104	223155	6.69 UG/L	87
78) BROMOFORM	7.731	173	28462	5.17 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	295675	6.45 UG/L	95
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	20775	5.15 UG/L #	79
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	74644	6.53 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	18262	5.09 UG/L #	84
83) BROMOBENZENE	8.188	77	126094	5.77 UG/L	87
84) 1,2,3-TRICHLOROPROPANE	8.272	75	58024	5.68 UG/L	91
85) N-PROPYLBENZENE	8.339	91	335839	6.57 UG/L	96
86) 2-CHLOROT0LUENE	8.397	91	218318	6.19 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	262260	6.09 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	246423	5.93 UG/L	93
90) TERT-BUTYLBENZENE	8.835	119	195777	5.65 UG/L	87
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	267064	5.26 UG/L	93
92) SEC-BUTYLBENZENE	9.050	105	263918	5.43 UG/L	95
93) 1,3-DICHLOROBENZENE	9.125	146	149576	6.01 UG/L	95
94) P-ISOPROPYLTOLUENE	9.206	119	234106	5.71 UG/L	94
95) 1,4-DICHLOROBENZENE	9.217	146	160150	5.59 UG/L	99
96) N-BUTYLBENZENE	9.608	91	195847	5.28 UG/L	93
97) 1,2-DICHLOROBENZENE	9.571	146	145049	5.85 UG/L	96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	7711	3.38 UG/L #	79
99) 1,3,5-TRICHLOROBENZENE	10.550	180	80849	4.61 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	43312	3.15 UG/L	99
101) HEXACHLOROBUTADIENE	11.342	225	31468	5.03 UG/L	100
102) NAPHTHALENE	11.378	128	54166	2.02 UG/L	97
103) 1,2,3-TRICHLOROBENZENE	11.621	180	27038	2.58 UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	593485	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	930251	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	493309	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	515195	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	230277	15.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.36%#				
49) TOLUENE SS	5.489	98	856288	23.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398697	26.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	74785	4.92	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	129453	8.12	UG/L	#	85
5) CHLOROMETHANE	0.913	50	64308	6.55	UG/L		98
6) VINYL CHLORIDE	0.960	62	78678	5.58	UG/L		99
7) BROMOMETHANE	1.100	94	39547	4.42	UG/L		97
8) CHLOROETHANE	1.141	64	39731	5.65	UG/L		100
9) FLUORODICHLOROMETHANE	1.228	67	146191	6.13	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.253	101	134366	6.38	UG/L		97
11) ETHANOL	1.339	45	5847	81.09	UG/L	#	79
12) DI ETHYL ETHER	1.387	59	59491	6.64	UG/L		95
13) ACROLEIN	1.451	56	105786	1678.21	UG/L	#	1
14) ACETONE	1.529	43	203129	78.24	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	121185	5.86	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	67316	6.58	UG/L		85
17) IODOMETHANE	1.585	142	1317990	68.43	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	56311	4.52	UG/L		97
21) T-BUTYL ALCOHOL	1.844	59	53753	74.00	UG/L	#	76
22) ACRYLONITRILE	1.919	53	45118	13.65	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	134167	8.33	UG/L		91
24) CARBON DISULFIDE	1.621	76	2032874	57.96	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	297621	10.60	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	202107	10.40	UG/L		91
27) 1,1-DICHLOROETHANE	2.223	63	243116	10.67	UG/L		99
28) VINYL ACETATE	2.271	43	3026886	152.39	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	466986	14.53	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	526619	134.43	UG/L	#	92
32) T-BUTYL ETHYL ETHER	2.591	59	393469	10.94	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	241692	10.18	UG/L		87
34) 2,2-DICHLOROPROPANE	2.703	77	166083	10.62	UG/L	#	89
35) ETHYL ACETATE	2.809	43	137765	13.01	UG/L	#	90
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.937	49	136087	13.34	UG/L		91
39) TETRAHYDROFURAN	2.999	42	30850	14.13	UG/L	#	79
40) CHLOROFORM	3.038	83	236878	10.17	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.208	97	205932	9.83	UG/L		95
42) CYCLOHEXANE	3.258	56	216784	11.52	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	154866	9.99	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	175563	9.69	UG/L		95
45) BENZENE	3.593	78	529128	11.41	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

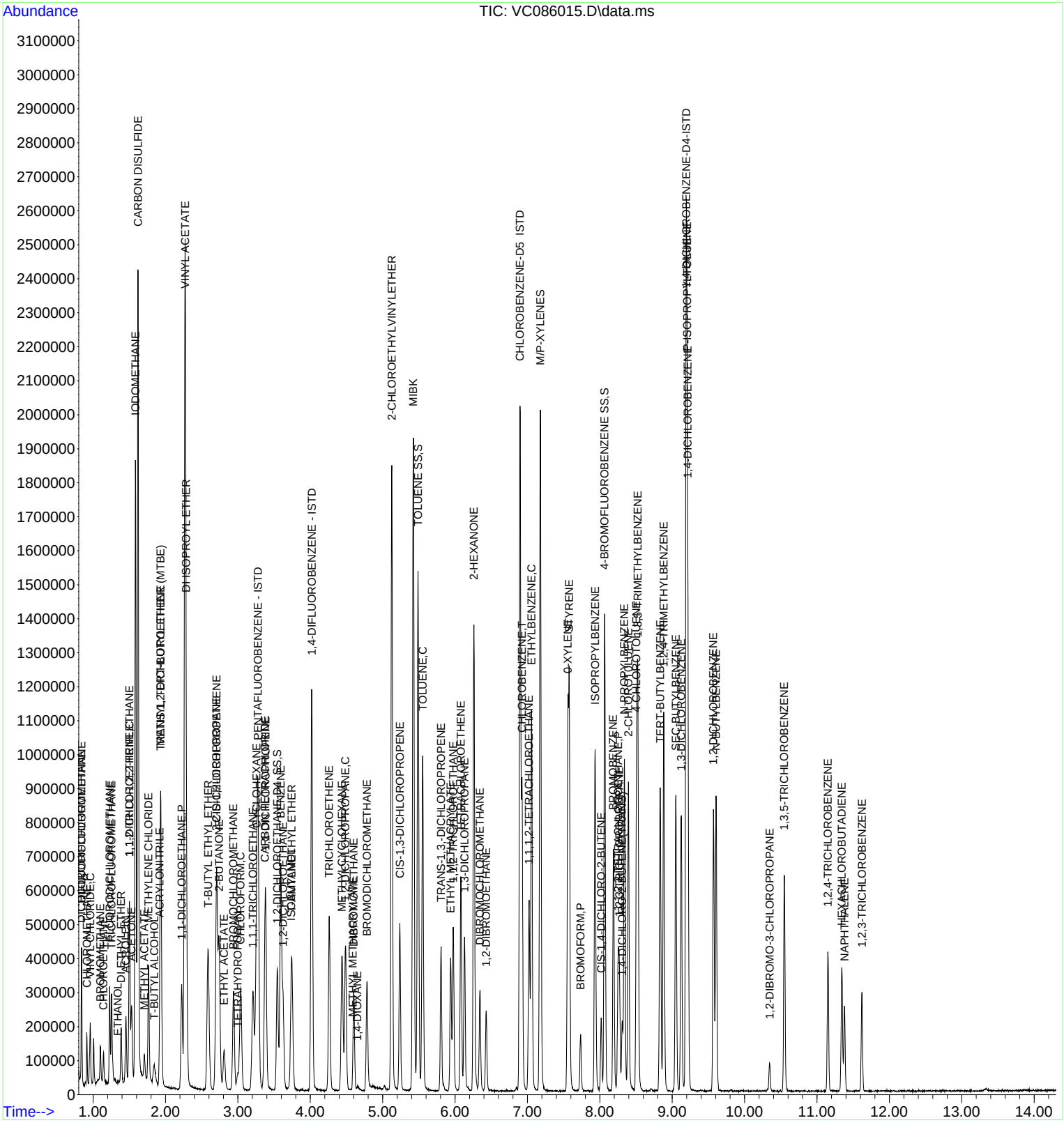
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	ISOBUTANOL	3.738	41	41605	96.92	UG/L		84
47)	T-AMYLMETHYL ETHER	3.740	73	324181	11.23	UG/L		96
50)	1,2-DICHLOROETHANE	3.623	62	200206	8.01	UG/L	#	91
51)	TRICHLOROETHENE	4.259	95	148070	10.85	UG/L		89
52)	METHYLCYCLOHEXANE	4.435	83	153364	10.60	UG/L		97
53)	1,2-DICHLOROPROPANE	4.485	63	143033	11.49	UG/L	#	90
54)	DIBROMOMETHANE	4.599	93	89268	9.94	UG/L		89
55)	METHYL METHACRYLATE	4.585	41	658	0.07	UG/L	#	100
56)	1,4-DIOXANE	4.652	88	8346m	122.76	UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	172492	9.19	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.126	63	661072	99.04	UG/L		89
59)	MIBK	5.422	43	1199638	133.28	UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	219899	11.87	UG/L		92
61)	TOLUENE	5.553	91	602989	11.45	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	174938	11.90	UG/L	#	90
63)	ETHYL METHACRYLATE	5.938	69	160883	6.13	UG/L		94
64)	1,1,2-TRICHLOROETHANE	5.974	97	127083	11.80	UG/L		95
65)	2-HEXANONE	6.261	43	793822	128.98	UG/L		93
66)	TETRACHLOROETHENE	6.080	166	160302	12.42	UG/L		96
67)	1,3-DICHLOROPROPANE	6.130	76	199196	10.60	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.345	129	127496	10.80	UG/L		99
69)	1,2-DIBROMOETHANE	6.431	107	134161	11.77	UG/L		97
72)	CHLOROBENZENE	6.925	112	400094	13.55	UG/L		92
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	129763	13.99	UG/L		98
74)	ETHYLBENZENE	7.056	91	689411	12.88	UG/L		98
75)	M/P-XYLENES	7.179	91	1028296	24.23	UG/L		96
76)	0-XYLENE	7.558	91	520233	12.56	UG/L		96
77)	STYRENE	7.578	104	451665	13.40	UG/L		87
78)	BROMOFORM	7.734	173	62137	11.19	UG/L		98
79)	ISOPROPYLBENZENE	7.934	105	591020	12.76	UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	42139	10.34	UG/L	#	85
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	141525	12.26	UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	38834	10.71	UG/L		87
83)	BROMOBENZENE	8.185	77	250643	11.35	UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.269	75	112215	10.89	UG/L		96
85)	N-PROPYLBENZENE	8.339	91	672041	13.02	UG/L		96
86)	2-CHLOROT0LUENE	8.395	91	436856	12.26	UG/L		93
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	535456	12.31	UG/L		92
88)	4-CHLOROTOLUENE	8.506	91	497113	11.85	UG/L		93
90)	TERT-BUTYLBENZENE	8.835	119	395226	11.22	UG/L		86
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	541766	10.51	UG/L		92
92)	SEC-BUTYLBENZENE	9.050	105	546025	11.07	UG/L		95
93)	1,3-DICHLOROBENZENE	9.125	146	299394	11.84	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.209	119	477657	11.48	UG/L		94
95)	1,4-DICHLOROBENZENE	9.214	146	326671	11.23	UG/L		98
96)	N-BUTYLBENZENE	9.605	91	408655	10.85	UG/L		93
97)	1,2-DICHLOROBENZENE	9.569	146	295484	11.74	UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	15439	6.66	UG/L	#	78
99)	1,3,5-TRICHLOROBENZENE	10.547	180	178109	10.01	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.150	180	107279	7.69	UG/L		98
101)	HEXACHLOROBUTADIENE	11.345	225	66953	10.54	UG/L		98
102)	NAPHTHALENE	11.381	128	163798	6.00	UG/L		97
103)	1,2,3-TRICHLOROBENZENE	11.621	180	75461	7.09	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	601723	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	952159	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	497982	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543952	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	242703	15.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.72%#				
49) TOLUENE SS	5.486	98	869293	23.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.40%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	410410	27.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	138041	8.95	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	248190	15.36	UG/L	#	85
5) CHLOROMETHANE	0.913	50	123715	12.43	UG/L		99
6) VINYL CHLORIDE	0.957	62	147929	10.34	UG/L		99
7) BROMOMETHANE	1.094	94	36265	3.96	UG/L		97
8) CHLOROETHANE	1.139	64	63165	8.86	UG/L		99
9) FLUORODICHLOROMETHANE	1.225	67	266952	11.03	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.250	101	240280	11.25	UG/L		98
11) ETHANOL	1.342	45	13466m	184.19	UG/L		
12) DI ETHYL ETHER	1.387	59	120995	13.32	UG/L		93
13) ACROLEIN	1.451	56	228615	3594.94	UG/L	#	1
14) ACETONE	1.535	43	469044	178.18	UG/L		98
15) 1,1-DICHLOROETHENE	1.498	61	230955	11.01	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	128512	12.38	UG/L	#	82
17) IODOMETHANE	1.582	142	2537328	124.87	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	140321	11.11	UG/L		96
21) T-BUTYL ALCOHOL	1.850	59	161147	218.80	UG/L	#	97
22) ACRYLONITRILE	1.919	53	109597	32.70	UG/L		98
23) METHYLENE CHLORIDE	1.763	49	241323	14.78	UG/L		92
24) CARBON DISULFIDE	1.618	76	3773495	106.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	694223	24.38	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.928	61	414341	21.03	UG/L		91
27) 1,1-DICHLOROETHANE	2.221	63	498576	21.58	UG/L		100
28) VINYL ACETATE	2.271	43	6532709	324.40	UG/L		96
29) DI ISOPROYL ETHER	2.285	45	942414	28.92	UG/L	#	84
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	1344820	338.60	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	872194	23.92	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	498076	20.69	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.700	77	357359	22.54	UG/L	#	90
35) ETHYL ACETATE	2.806	43	358365	33.37	UG/L	#	94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	289436	27.99	UG/L		93
39) TETRAHYDROFURAN	2.996	42	80449	36.34	UG/L	#	82
40) CHLOROFORM	3.038	83	492406	20.86	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	437405	20.60	UG/L		94
42) CYCLOHEXANE	3.252	56	437276	22.91	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	343346	21.85	UG/L		96
44) 1,1-DICHLOROPROPENE	3.381	75	358496	19.52	UG/L	#	94
45) BENZENE	3.590	78	1096691	23.32	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

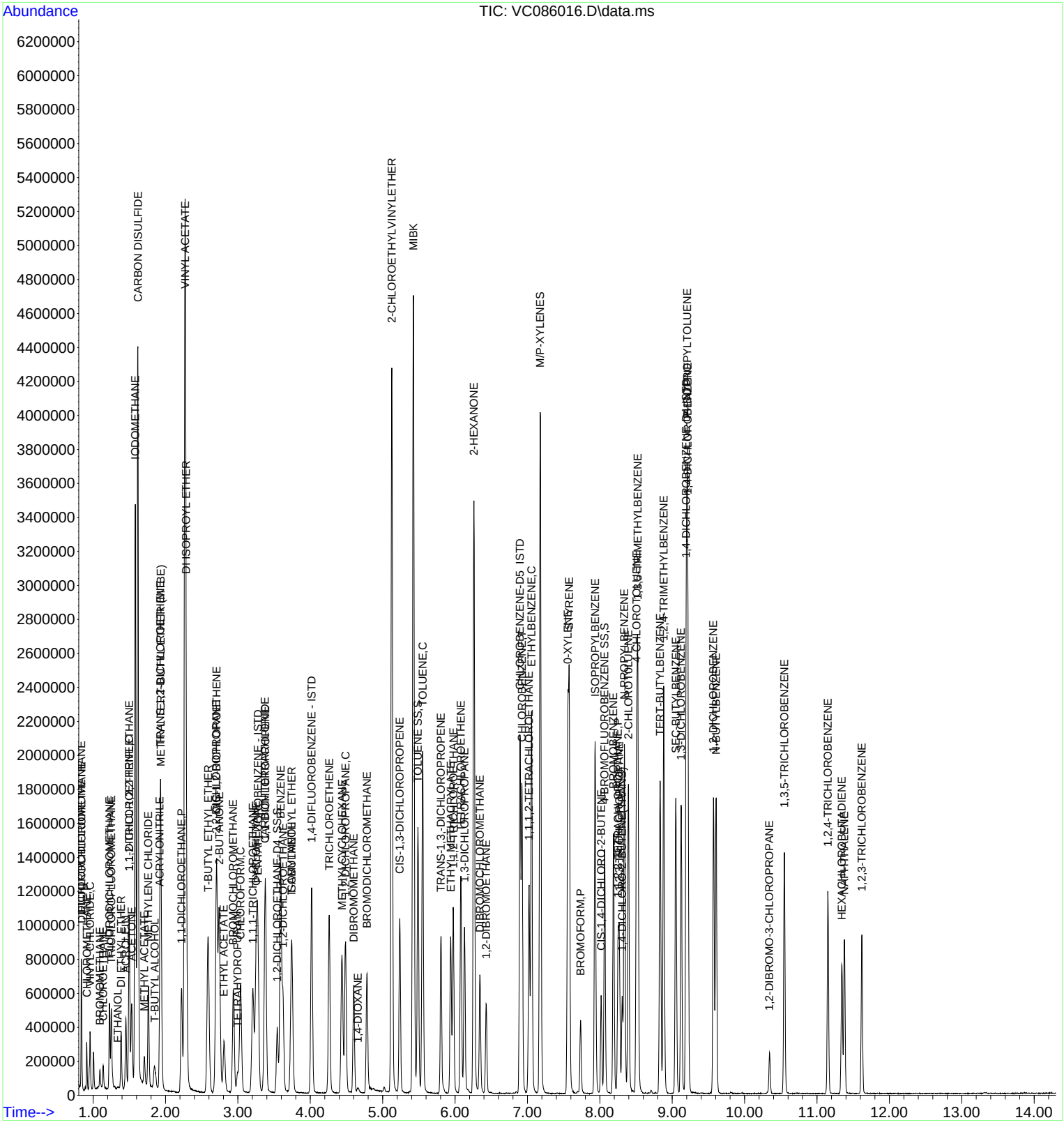
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) ISOBUTANOL	3.743	41	90949	208.97 UG/L		87
47) T-AMYLMETHYL ETHER	3.743	73	741074	25.33 UG/L		95
50) 1,2-DICHLOROETHANE	3.623	62	429354	16.78 UG/L	#	93
51) TRICHLOROETHENE	4.262	95	305238	21.86 UG/L		87
52) METHYLCYCLOHEXANE	4.438	83	321198	21.70 UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	303592	23.82 UG/L	#	92
54) DIBROMOMETHANE	4.602	93	197870	21.53 UG/L		90
55) METHYL METHACRYLATE	0.000		0	N.D. d		
56) 1,4-DIOXANE	4.658	88	20994m	301.70 UG/L		
57) BROMODICHLOROMETHANE	4.783	83	381464	19.86 UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	1568336	229.55 UG/L		89
59) MIBK	5.425	43	2918561	316.80 UG/L	#	90
60) CIS-1,3-DICHLOROPROPENE	5.235	75	469342	24.75 UG/L		92
61) TOLUENE	5.553	91	1230879	22.83 UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	394328	26.21 UG/L	#	89
63) ETHYL METHACRYLATE	5.941	69	380507	14.16 UG/L		94
64) 1,1,2-TRICHLOROETHANE	5.977	97	277657	25.18 UG/L		96
65) 2-HEXANONE	6.261	43	2035325	323.08 UG/L		94
66) TETRACHLOROETHENE	6.080	166	335422	25.39 UG/L		96
67) 1,3-DICHLOROPROPANE	6.130	76	444937	23.14 UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	299672	24.81 UG/L		100
69) 1,2-DIBROMOETHANE	6.429	107	294664	25.25 UG/L		100
72) CHLOROBENZENE	6.925	112	827838	27.78 UG/L		91
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	287651	30.72 UG/L		98
74) ETHYLBENZENE	7.056	91	1412929	26.15 UG/L		99
75) M/P-XYLENES	7.176	91	2094387	48.89 UG/L		97
76) 0-XYLENE	7.558	91	1059672	25.34 UG/L		96
77) STYRENE	7.578	104	936248	27.52 UG/L		86
78) BROMOFORM	7.734	173	165185	29.46 UG/L		98
79) ISOPROPYLBENZENE	7.935	105	1216735	26.03 UG/L		93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	106102	25.80 UG/L		87
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	347453	29.81 UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	110068	30.06 UG/L		87
83) BROMOBENZENE	8.188	77	517310	23.20 UG/L		87
84) 1,2,3-TRICHLOROPROPANE	8.269	75	264109	25.38 UG/L		92
85) N-PROPYLBENZENE	8.339	91	1406412	26.99 UG/L		96
86) 2-CHLOROT0LUENE	8.395	91	906969	25.21 UG/L		93
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	1101615	25.09 UG/L		90
88) 4-CHLOROTOLUENE	8.509	91	1032150	24.36 UG/L		93
90) TERT-BUTYLBENZENE	8.832	119	830068	22.32 UG/L		85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	1115476	20.50 UG/L		91
92) SEC-BUTYLBENZENE	9.050	105	1107709	21.26 UG/L		93
93) 1,3-DICHLOROBENZENE	9.123	146	625145	23.42 UG/L		96
94) P-ISOPROPYLTOLUENE	9.206	119	987112	22.46 UG/L		93
95) 1,4-DICHLOROBENZENE	9.215	146	683543	22.25 UG/L		98
96) N-BUTYLBENZENE	9.605	91	866428	21.78 UG/L		94
97) 1,2-DICHLOROBENZENE	9.569	146	627019	23.60 UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	43528	17.80 UG/L	#	73
99) 1,3,5-TRICHLOROBENZENE	10.550	180	389990	20.75 UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	316009	21.46 UG/L		100
101) HEXACHLOROBUTADIENE	11.342	225	141858	21.15 UG/L		99
102) NAPHTHALENE	11.379	128	620788	21.55 UG/L	#	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	252571	22.48 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	574567	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	922938	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482198	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	524863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	231211	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.489	98	845335	23.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.72%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	407734	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	592266	40.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	852332	55.24	UG/L	#	85
5) CHLOROMETHANE	0.913	50	412345	43.38	UG/L		97
6) VINYL CHLORIDE	0.960	62	500471	36.65	UG/L		99
7) BROMOMETHANE	1.099	94	228019	28.22	UG/L		98
8) CHLOROETHANE	1.144	64	222657	32.70	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	762110	32.99	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	718437	35.24	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	320364	36.94	UG/L		94
13) ACROLEIN	1.454	56	568759	9391.63	UG/L	#	1
14) ACETONE	1.532	43	916922	364.78	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	621547	31.04	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	358813	36.20	UG/L		85
17) IODOMETHANE	1.585	142	5743002	288.27	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	251464	20.85	UG/L		94
21) T-BUTYL ALCOHOL	1.844	59	273561	388.99	UG/L	#	97
22) ACRYLONITRILE	1.919	53	230625	72.06	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	566783	36.36	UG/L		92
24) CARBON DISULFIDE	1.621	76	7113732	209.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	1491984	54.88	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	992998	52.78	UG/L		89
27) 1,1-DICHLOROETHANE	2.223	63	1216278	55.14	UG/L		99
28) VINYL ACETATE	2.271	43	13265398	689.86	UG/L		97
29) DI ISOPROYL ETHER	2.287	45	2159468	69.40	UG/L	#	85
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	2646071	697.72	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	1976998	56.78	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	1165115	50.68	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	815397	53.85	UG/L	#	90
35) ETHYL ACETATE	2.809	43	656171	63.99	UG/L		95
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	670037	67.86	UG/L		94
39) TETRAHYDROFURAN	2.996	42	161563	76.42	UG/L	#	80
40) CHLOROFORM	3.040	83	1157852	51.36	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	1075420	53.04	UG/L		95
42) CYCLOHEXANE	3.258	56	1111387	60.99	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	895216	59.66	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	871839	49.73	UG/L		94
45) BENZENE	3.593	78	2574925	57.33	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

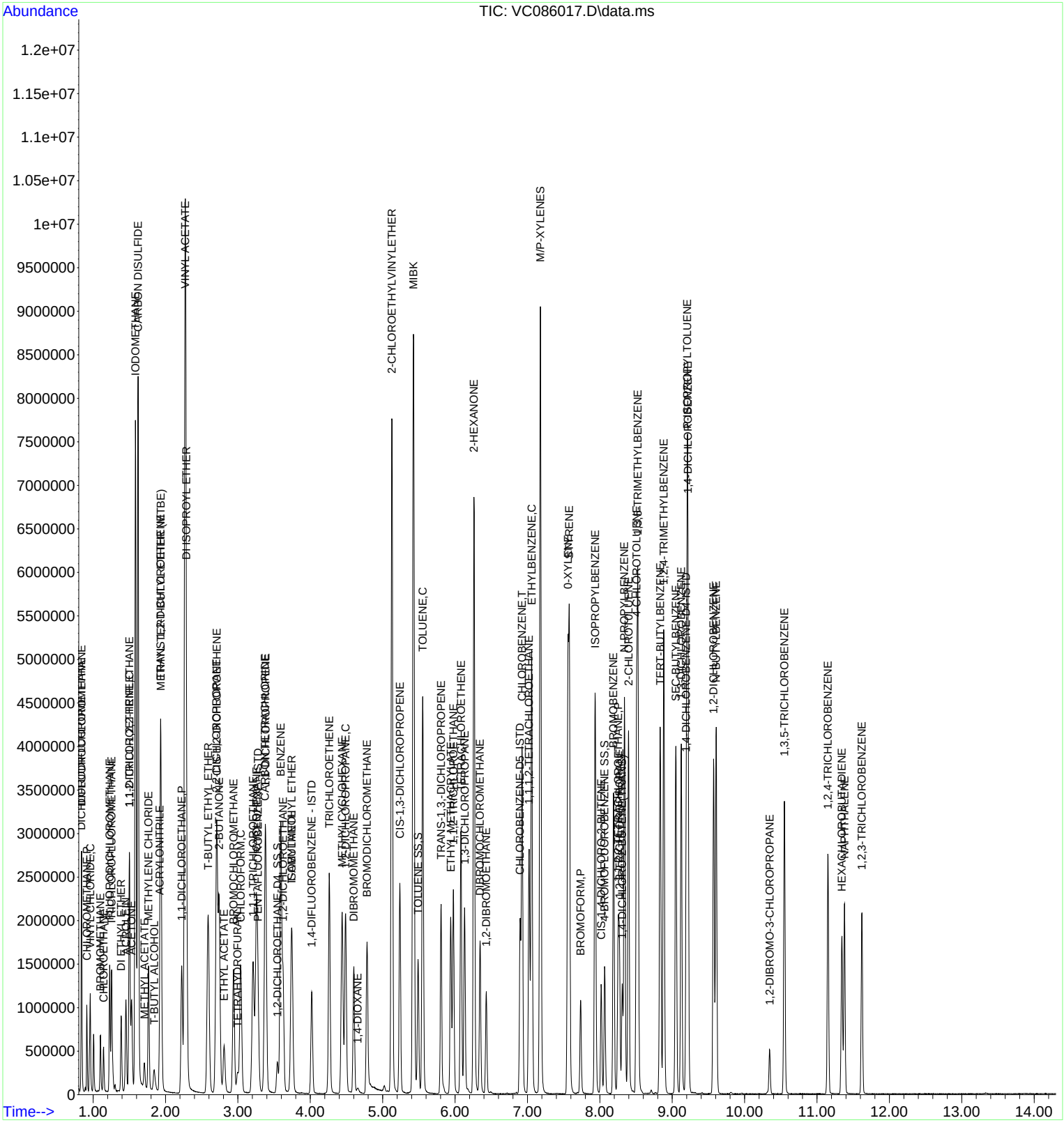
Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	3.743	41	194398	467.78 UG/L	85
47) T-AMYLMETHYL ETHER	3.740	73	1588036	56.83 UG/L	96
50) 1,2-DICHLOROETHANE	3.623	62	986401	39.77 UG/L #	92
51) TRICHLOROETHENE	4.262	95	724511	53.53 UG/L	87
52) METHYLCYCLOHEXANE	4.440	83	808695	56.35 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	700035	56.67 UG/L #	92
54) DIBROMOMETHANE	4.602	93	450010	50.51 UG/L	90
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.655	88	39427	584.54 UG/L #	8
57) BROMODICHLOROMETHANE	4.783	83	945133	50.77 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	2923089	441.39 UG/L	90
59) MIBK	5.425	43	5536472	620.00 UG/L #	91
60) CIS-1,3-DICHLOROPROPENE	5.238	75	1106928	60.22 UG/L	92
61) TOLUENE	5.553	91	2840448	54.35 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	906286	62.16 UG/L #	89
63) ETHYL METHACRYLATE	5.941	69	833619	32.00 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	610976	57.17 UG/L	96
65) 2-HEXANONE	6.261	43	3866296	633.15 UG/L	94
66) TETRACHLOROETHENE	6.083	166	777463	60.71 UG/L	96
67) 1,3-DICHLOROPROPANE	6.133	76	972920	52.20 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	754694	64.46 UG/L	99
69) 1,2-DIBROMOETHANE	6.431	107	643335	56.88 UG/L	99
72) CHLOROBENZENE	6.925	112	1893736	65.63 UG/L	90
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	695665	76.73 UG/L	97
74) ETHYLBENZENE	7.059	91	3198196	61.13 UG/L	98
75) M/P-XYLENES	7.179	91	4673707	112.67 UG/L	96
76) 0-XYLENE	7.561	91	2379920	58.78 UG/L	95
77) STYRENE	7.577	104	2113959	64.18 UG/L	87
78) BROMOFORM	7.734	173	414737	76.38 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	2764386	61.06 UG/L	93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	237265	59.59 UG/L	88
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	705353	62.51 UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	243986	68.82 UG/L	89
83) BROMOBENZENE	8.188	77	1176782	54.51 UG/L	85
84) 1,2,3-TRICHLOROPROPANE	8.272	75	532403	52.84 UG/L	92
85) N-PROPYLBENZENE	8.339	91	3183035	63.08 UG/L	95
86) 2-CHLOROT0LUENE	8.397	91	2046229	58.73 UG/L	92
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	2490853	58.59 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	2353964	57.38 UG/L	92
90) TERT-BUTYLBENZENE	8.835	119	1907128	53.15 UG/L	85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	2553717	48.64 UG/L	91
92) SEC-BUTYLBENZENE	9.050	105	2558987	50.91 UG/L	93
93) 1,3-DICHLOROBENZENE	9.125	146	1441361	55.95 UG/L	97
94) P-ISOPROPYLTOLUENE	9.206	119	2229491	52.57 UG/L	93
95) 1,4-DICHLOROBENZENE	9.217	146	1535760	51.80 UG/L	98
96) N-BUTYLBENZENE	9.608	91	1971600	51.36 UG/L	92
97) 1,2-DICHLOROBENZENE	9.571	146	1400825	54.63 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	93390	39.57 UG/L #	66
99) 1,3,5-TRICHLOROBENZENE	10.550	180	946430	52.19 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	737464	51.90 UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	341224	52.73 UG/L	98
102) NAPHTHALENE	11.381	128	1403404	50.49 UG/L #	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	564101	52.04 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	608347	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	980979	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	507339	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543860	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	248229	15.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 63.48%#				
49) TOLUENE SS	5.492	98	893391	23.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.20%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	428926	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	1078320	69.18	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	1632350	99.92	UG/L	#	86
5) CHLOROMETHANE	0.913	50	876763	87.12	UG/L		97
6) VINYL CHLORIDE	0.960	62	985638	68.17	UG/L		99
7) BROMOMETHANE	1.100	94	507641	59.76	UG/L		99
8) CHLOROETHANE	1.144	64	435385	60.38	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	1519498	62.12	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	1433559	66.40	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	676889	73.72	UG/L		94
13) ACROLEIN	1.454	56	1281100	19997.24	UG/L	#	1
14) ACETONE	1.532	43	2075374	779.81	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	1232845	58.14	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	702426	66.93	UG/L	#	82
17) IODOMETHANE	1.585	142	10209064	480.16	UG/L		97
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	568391	44.51	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	674488	905.84	UG/L		98
22) ACRYLONITRILE	1.920	53	502772	148.37	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	1137929	68.95	UG/L		91
24) CARBON DISULFIDE	0.000		0	N.D.	d		
25) METHYL TERT-BUTYL ETHE...	1.939	73	3123156	108.50	UG/L		94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	1958901	98.33	UG/L		90
27) 1,1-DICHLOROETHANE	2.223	63	2455953	105.16	UG/L		100
28) VINYL ACETATE	0.000		0	N.D.	d		
29) DI ISOPROYL ETHER	2.290	45	3919032	118.95	UG/L	#	87
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	5921590	1474.71	UG/L		94
32) T-BUTYL ETHYL ETHER	2.589	59	4035644	109.47	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	2345754	96.37	UG/L	#	85
34) 2,2-DICHLOROPROPANE	2.703	77	1660505	103.58	UG/L	#	90
35) ETHYL ACETATE	2.812	43	1545786	142.36	UG/L		94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	1368805	130.93	UG/L		95
39) TETRAHYDROFURAN	2.996	42	380234	169.87	UG/L	#	83
40) CHLOROFORM	3.041	83	2418360	101.32	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	2272951	105.87	UG/L		94
42) CYCLOHEXANE	3.258	56	2244202	116.32	UG/L		95
43) CARBON TETRACHLORIDE	3.378	117	1906147	119.97	UG/L		96
44) 1,1-DICHLOROPROPENE	3.386	75	1764303	95.04	UG/L	#	94
45) BENZENE	3.593	78	5201430	109.38	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

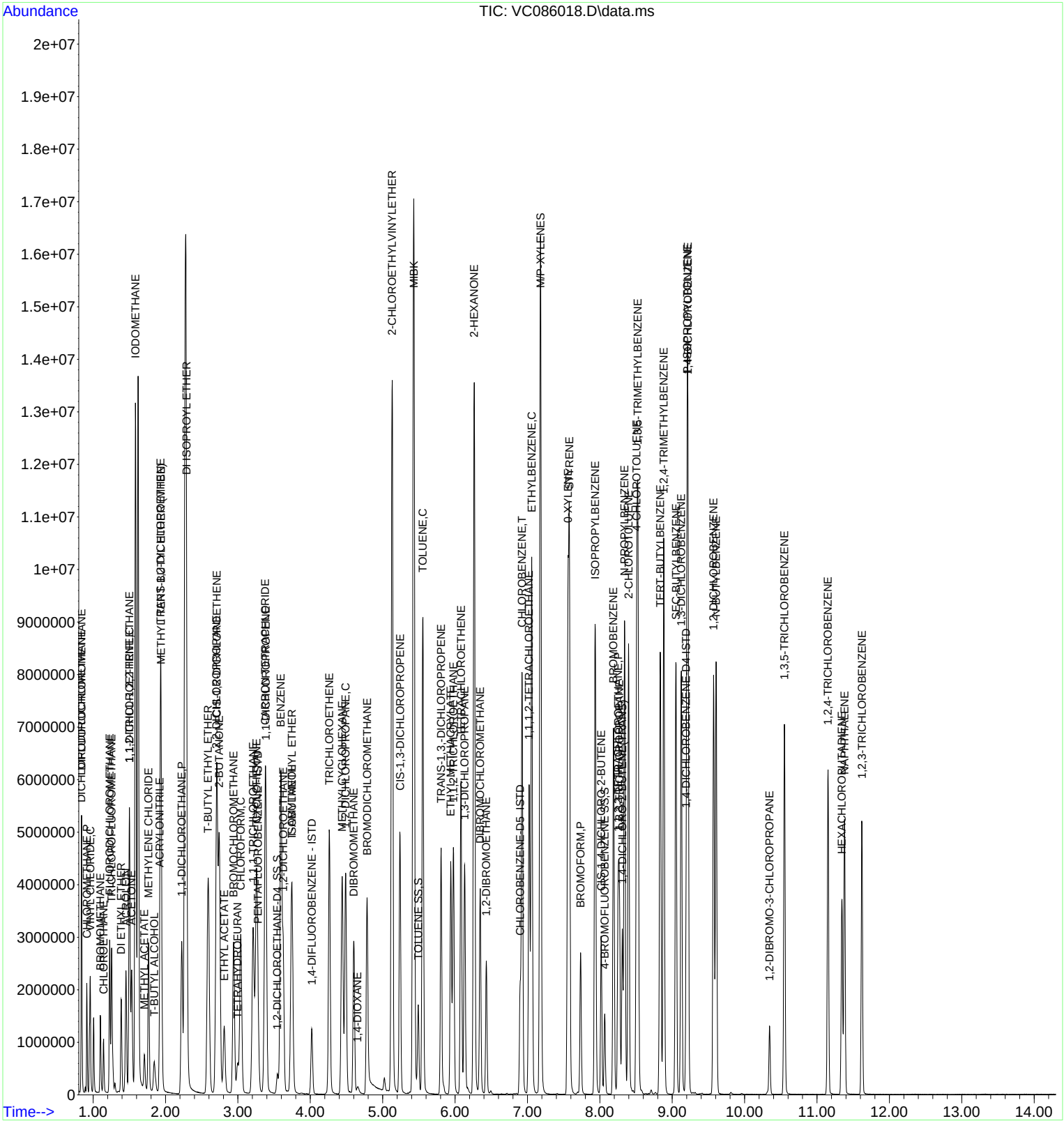
	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	3.746	41	418654	951.47 UG/L	#	82
47)	T-AMYLMETHYL ETHER	3.746	73	3409223	115.24 UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	2079608	78.89 UG/L	#	92
51)	TRICHLOROETHENE	4.262	95	1470306	102.21 UG/L		86
52)	METHYLCYCLOHEXANE	4.440	83	1624893	106.53 UG/L		98
53)	1,2-DICHLOROPROPANE	4.488	63	1437397	109.48 UG/L	#	92
54)	DIBROMOMETHANE	4.599	93	942202	99.51 UG/L		90
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	91898	1281.85 UG/L	#	6
57)	BROMODICHLOROMETHANE	4.786	83	2019574	102.07 UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.132	63	5521158	784.38 UG/L		90
59)	MIBK	5.430	43	11163877	1176.21 UG/L		93
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	2295783	117.50 UG/L	#	91
61)	TOLUENE	5.556	91	5672482	102.13 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	1974942	127.43 UG/L	#	89
63)	ETHYL METHACRYLATE	5.941	69	1834206	66.25 UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.977	97	1295250	114.02 UG/L		96
65)	2-HEXANONE	6.264	43	8144363	1254.82 UG/L		96
66)	TETRACHLOROETHENE	6.083	166	1561867	114.74 UG/L		96
67)	1,3-DICHLOROPROPANE	6.133	76	2031223	102.54 UG/L		100
68)	DIBROMOCHLOROMETHANE	6.348	129	1702679	136.82 UG/L		100
69)	1,2-DIBROMOETHANE	6.432	107	1368020	113.79 UG/L		100
72)	CHLOROBENZENE	6.925	112	3814456	125.64 UG/L		90
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	1491968	156.41 UG/L		98
74)	ETHYLBENZENE	7.059	91	6372797	115.77 UG/L		98
75)	M/P-XYLENES	7.182	91	9003954	206.30 UG/L		97
76)	0-XYLENE	7.561	91	4758640	111.70 UG/L		95
77)	STYRENE	7.580	104	4186145	120.80 UG/L		88
78)	BROMOFORM	7.734	173	1033560	180.92 UG/L		98
79)	ISOPROPYLBENZENE	7.935	105	5575132	117.05 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	548911	131.02 UG/L	#	88
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	1553346	130.83 UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	563766	151.14 UG/L		93
83)	BROMOBENZENE	8.188	77	2398348	105.60 UG/L		85
84)	1,2,3-TRICHLOROPROPANE	8.269	75	1165947	109.97 UG/L		90
85)	N-PROPYLBENZENE	8.342	91	6363496	119.86 UG/L		95
86)	2-CHLOROT0LUENE	8.398	91	4109651	112.10 UG/L		92
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	4914827	109.88 UG/L		91
88)	4-CHLOROTOLUENE	8.509	91	4639531	107.49 UG/L		92
90)	TERT-BUTYLBENZENE	8.835	119	3844874	103.41 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	5070718	93.20 UG/L		92
92)	SEC-BUTYLBENZENE	9.053	105	5132606	98.55 UG/L		92
93)	1,3-DICHLOROBENZENE	9.125	146	2953145	110.63 UG/L		97
94)	P-ISOPROPYLTOLUENE	9.206	119	4417579	100.53 UG/L		94
95)	1,4-DICHLOROBENZENE	9.217	146	3085073	100.42 UG/L		98
96)	N-BUTYLBENZENE	9.605	91	4004521	100.67 UG/L		92
97)	1,2-DICHLOROBENZENE	9.572	146	2907358	109.43 UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.344	75	244068	99.80 UG/L	#	69
99)	1,3,5-TRICHLOROBENZENE	10.550	180	1948410	103.68 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	1669561	113.39 UG/L		99
101)	HEXACHLOROBUTADIENE	11.345	225	695378	103.70 UG/L		98
102)	NAPHTHALENE	11.381	128	3560975	123.64 UG/L		98
103)	1,2,3-TRICHLOROBENZENE	11.621	180	1360740	121.14 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.278	168	582501	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	968219	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	502272	30.00 UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	529128	30.00 UG/L	0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241899	16.15 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 64.60%#		
49) TOLUENE SS	5.495	98	884008	23.11 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%		
71) 4-BROMOFLUOROBENZENE SS	8.068	95	431602	28.47 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.88%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	1842263	123.43 UG/L	100
4) DIFLUOROCHLOROMETHANE	0.840	51	2852016	182.32 UG/L #	87
5) CHLOROMETHANE	0.913	50	1769040	183.58 UG/L	98
6) VINYL CHLORIDE	0.957	62	1804864	130.38 UG/L	99
7) BROMOMETHANE	1.097	94	898501	110.80 UG/L	99
8) CHLOROETHANE	1.141	64	757558	109.73 UG/L	97
9) FLUORODICHLOROMETHANE	1.228	67	2820601	120.42 UG/L	97
10) TRICHLOROFLUOROMETHANE	1.253	101	2681524	129.72 UG/L	100
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	1227951	139.67 UG/L	95
13) ACROLEIN	1.454	56	2196764	35824.16 UG/L #	1
14) ACETONE	1.532	43	3436712	1348.61 UG/L	98
15) 1,1-DICHLOROETHENE	1.501	61	2267669	111.70 UG/L	91
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	1324709	131.83 UG/L	82
17) IODOMETHANE	0.000		0	N.D.	
18) ACETONITRILE	0.000		0	N.D. d	
19) ALLYL CHLORIDE	0.000		0	N.D. d	
20) METHYL ACETATE	1.708	43	985634	80.60 UG/L	94
21) T-BUTYL ALCOHOL	1.844	59	1151087	1614.50 UG/L	98
22) ACRYLONITRILE	1.920	53	834426	257.17 UG/L	98
23) METHYLENE CHLORIDE	1.766	49	2103393	133.11 UG/L	93
24) CARBON DISULFIDE	0.000		0	N.D.	
25) METHYL TERT-BUTYL ETHE...	1.939	73	5523870	200.42 UG/L	94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	3519952	184.53 UG/L	89
27) 1,1-DICHLOROETHANE	2.223	63	4623062	206.74 UG/L	100
28) VINYL ACETATE	0.000		0	N.D. d	
29) DI ISOPROYL ETHER	2.293	45	6322453	200.41 UG/L	90
30) CHLOROPRENE	0.000		0	N.D. d	
31) 2-BUTANONE	2.745	43	9645471	2508.69 UG/L	95
32) T-BUTYL ETHYL ETHER	2.592	59	7549863	213.88 UG/L	97
33) CIS-1,2-DICHLOROETHENE	2.709	61	4292931	184.20 UG/L #	85
34) 2,2-DICHLOROPROPANE	2.706	77	3258600	212.28 UG/L #	91
35) ETHYL ACETATE	2.812	43	2766424	266.09 UG/L	93
36) PROPIONITRILE	0.000		0	N.D. d	
37) METHACRYLONITRILE	0.000		0	N.D. d	
38) BROMOCHLOROMETHANE	2.940	49	2434710	243.22 UG/L	96
39) TETRAHYDROFURAN	2.993	42	655561	305.87 UG/L #	83
40) CHLOROFORM	3.041	83	4648834	203.40 UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.211	97	4412157	214.63 UG/L	94
42) CYCLOHEXANE	3.258	56	4157749	225.06 UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	3734019	245.44 UG/L	96
44) 1,1-DICHLOROPROPENE	3.386	75	3275179	184.26 UG/L #	94
45) BENZENE	3.595	78	9559341	209.95 UG/L	99

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

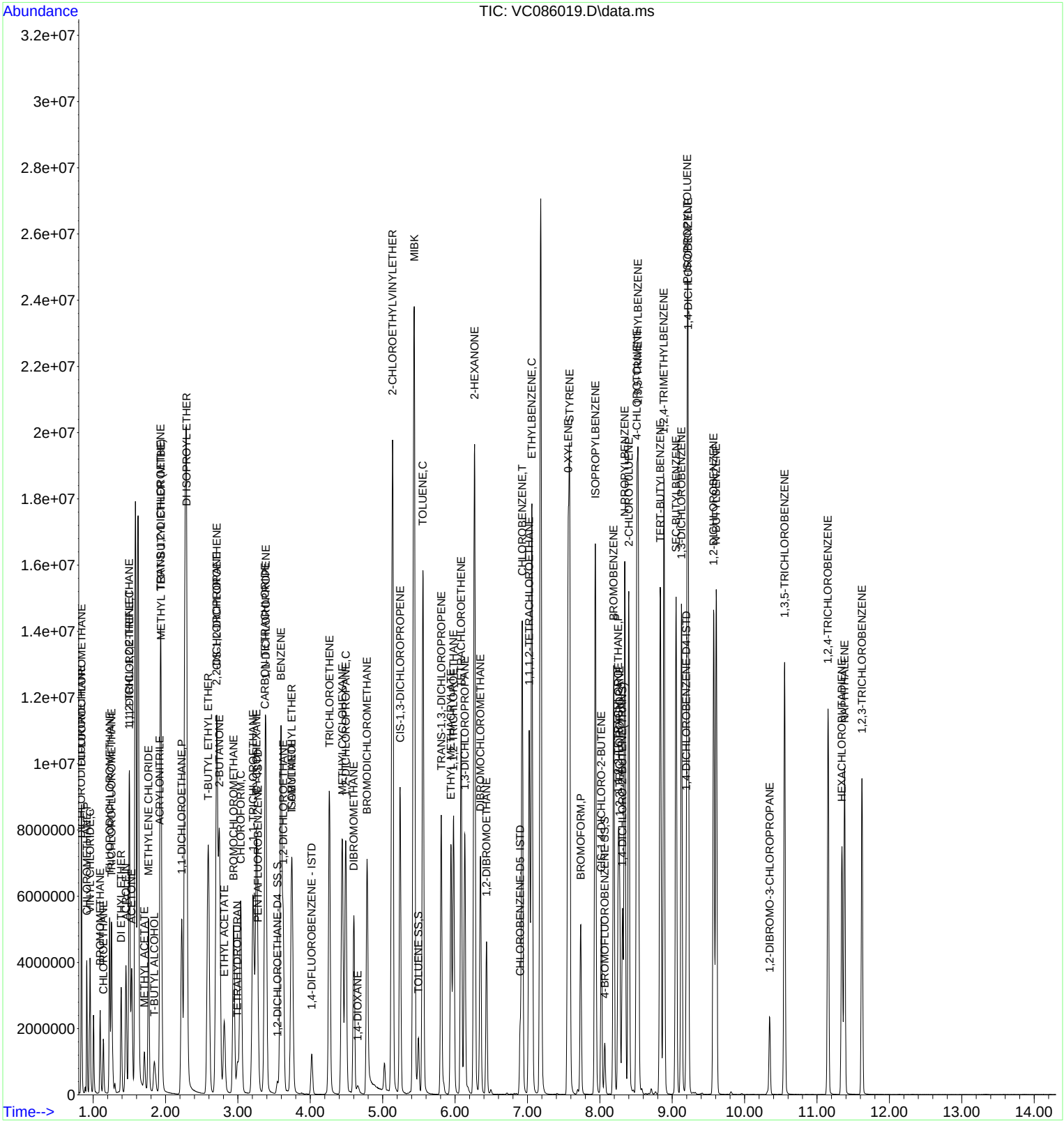
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	ISOBUTANOL	3.743	41	754991	1791.99	UG/L	#	83
47)	T-AMYLMETHYL ETHER	3.743	73	6227710	219.85	UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	3854060	148.13	UG/L	#	93
51)	TRICHLOROETHENE	4.265	95	2807574	197.74	UG/L		86
52)	METHYLCYCLOHEXANE	4.443	83	3110531	206.62	UG/L		97
53)	1,2-DICHLOROPROPANE	4.491	63	2726448	210.40	UG/L	#	92
54)	DIBROMOMETHANE	4.602	93	1735962	185.75	UG/L		89
55)	METHYL METHACRYLATE	0.000		0	N.D.	d		
56)	1,4-DIOXANE	4.655	88	175464m	2479.74	UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	3919950	200.73	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.138	63	8870171	1276.77	UG/L		91
59)	MIBK	5.436	43	16241018	1733.68	UG/L		95
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	4270457	221.45	UG/L	#	91
61)	TOLUENE	5.556	91	10248509	186.94	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.810	75	3697044	241.70	UG/L	#	88
63)	ETHYL METHACRYLATE	5.944	69	3130594	114.57	UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.980	97	2348667	209.47	UG/L		97
65)	2-HEXANONE	6.270	43	12176594	1900.80	UG/L		97
66)	TETRACHLOROETHENE	6.083	166	2947629	219.40	UG/L		96
67)	1,3-DICHLOROPROPANE	6.136	76	3679597	188.20	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.351	129	3302045	268.84	UG/L		100
69)	1,2-DIBROMOETHANE	6.434	107	2522209	212.56	UG/L		100
72)	CHLOROBENZENE	6.928	112	7022022	233.62	UG/L		90
73)	1,1,1,2-TETRACHLOROETHANE	7.026	131	2874379	304.38	UG/L		98
74)	ETHYLBENZENE	7.062	91	11469063	210.46	UG/L		97
75)	M/P-XYLENES	0.000		0	N.D.	d		
76)	0-XYLENE	7.564	91	8604049	204.00	UG/L		95
77)	STYRENE	7.583	104	7425536	216.43	UG/L		89
78)	BROMOFORM	7.737	173	2030230	358.96	UG/L		99
79)	ISOPROPYLBENZENE	7.937	105	10124664	214.71	UG/L		92
80)	CIS-1,4-DICHLORO-2-BUTENE	8.021	53	1011950	243.98	UG/L	#	90
81)	1,1,2,2-TETRACHLOROETHANE	8.255	83	2722108	231.58	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	1047997	283.80	UG/L		95
83)	BROMOBENZENE	8.191	77	4403618	195.84	UG/L	#	84
84)	1,2,3-TRICHLOROPROPANE	8.272	75	2062792	196.53	UG/L		90
85)	N-PROPYLBENZENE	8.345	91	11608807	220.87	UG/L		93
86)	2-CHLOROT0LUENE	8.400	91	7524550	207.32	UG/L		91
87)	1,3,5-TRIMETHYLBENZENE	8.529	105	8852018	199.91	UG/L		91
88)	4-CHLOROTOLUENE	8.512	91	8407760	196.76	UG/L		92
90)	TERT-BUTYLBENZENE	8.835	119	7192309	198.82	UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.886	105	9273310	175.20	UG/L		91
92)	SEC-BUTYLBENZENE	9.053	105	9509801	187.67	UG/L	#	92
93)	1,3-DICHLOROBENZENE	9.128	146	5549879	213.70	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.209	119	7967657	186.37	UG/L		93
95)	1,4-DICHLOROBENZENE	9.220	146	5555939	185.89	UG/L		98
96)	N-BUTYLBENZENE	9.608	91	7481998	193.33	UG/L		91
97)	1,2-DICHLOROBENZENE	9.572	146	5382759	208.25	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	462124	194.23	UG/L	#	69
99)	1,3,5-TRICHLOROBENZENE	10.553	180	3710744	202.96	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	3163647	220.85	UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	1400106	214.62	UG/L		97
102)	NAPHTHALENE	11.381	128	6588685	235.14	UG/L		98
103)	1,2,3-TRICHLOROBENZENE	11.621	180	2575274	235.64	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.275	168	590059	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	913957	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	492142	30.00 UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	519015	30.00 UG/L	# 0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	232832	24.82 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%		
49) TOLUENE SS	5.486	98	856410	25.54 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%		
71) 4-BROMOFLUOROBENZENE SS	8.066	95	404111	24.75 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	135547	19.73 UG/L	99
4) DIFLUOROCHLOROMETHANE	0.840	51	194994	13.58 UG/L	99
5) CHLOROMETHANE	0.913	50	101748	14.88 UG/L	99
6) VINYL CHLORIDE	0.960	62	95598	10.97 UG/L	99
7) BROMOMETHANE	1.100	94	35853	8.75 UG/L	96
8) CHLOROETHANE	1.144	64	46719	11.44 UG/L	95
9) FLUORODICHLOROMETHANE	1.228	67	151332	10.51 UG/L	100
10) TRICHLOROFLUOROMETHANE	1.253	101	145980	10.91 UG/L	98
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	62362	9.45 UG/L	97
13) ACROLEIN	1.454	56	84866	78.55 UG/L	99
14) ACETONE	1.529	43	192976	95.25 UG/L	100
15) 1,1-DICHLOROETHENE	1.501	61	130492	11.08 UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	77133	11.79 UG/L	98
17) IODOMETHANE	1.585	142	175545	14.81 UG/L	95
18) ACETONITRILE	1.694	41	109121	No Calib #	
19) ALLYL CHLORIDE	1.694	76	38391	No Calib	
20) METHYL ACETATE	1.708	43	63239	11.02 UG/L	97
21) T-BUTYL ALCOHOL	1.841	59	41777	68.34 UG/L #	81
22) ACRYLONITRILE	1.920	53	48182	9.87 UG/L	97
23) METHYLENE CHLORIDE	1.766	49	126155	10.28 UG/L	97
24) CARBON DISULFIDE	1.618	76	241972	12.64 UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	327700	11.04 UG/L	98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	206549	10.72 UG/L	99
27) 1,1-DICHLOROETHANE	2.221	63	261371	11.01 UG/L	99
28) VINYL ACETATE	2.271	43	2792384	92.47 UG/L #	95
29) DI ISOPROYL ETHER	2.282	45	502357	11.58 UG/L	92
30) CHLOROPRENE	2.271	53	940	No Calib #	
31) 2-BUTANONE	2.739	43	498803	91.71 UG/L	98
32) T-BUTYL ETHYL ETHER	2.586	59	405396	10.66 UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.706	61	229239	9.95 UG/L	100
34) 2,2-DICHLOROPROPANE	2.700	77	161080	10.06 UG/L	99
35) ETHYL ACETATE	2.812	43	117554	7.84 UG/L	98
36) PROPIONITRILE	2.798	54	13809	No Calib #	
37) METHACRYLONITRILE	2.949	41	71994	No Calib #	
38) BROMOCHLOROMETHANE	2.940	49	143549	10.75 UG/L	93
39) TETRAHYDROFURAN	2.993	42	33353	9.59 UG/L #	79
40) CHLOROFORM	3.038	83	245734	10.74 UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.208	97	218782	10.68 UG/L	99
42) CYCLOHEXANE	3.252	56	252003	11.50 UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	172222	10.36 UG/L	99
44) 1,1-DICHLOROPROPENE	3.384	75	186249	11.08 UG/L	99
45) BENZENE	3.593	78	552009	10.92 UG/L	98

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

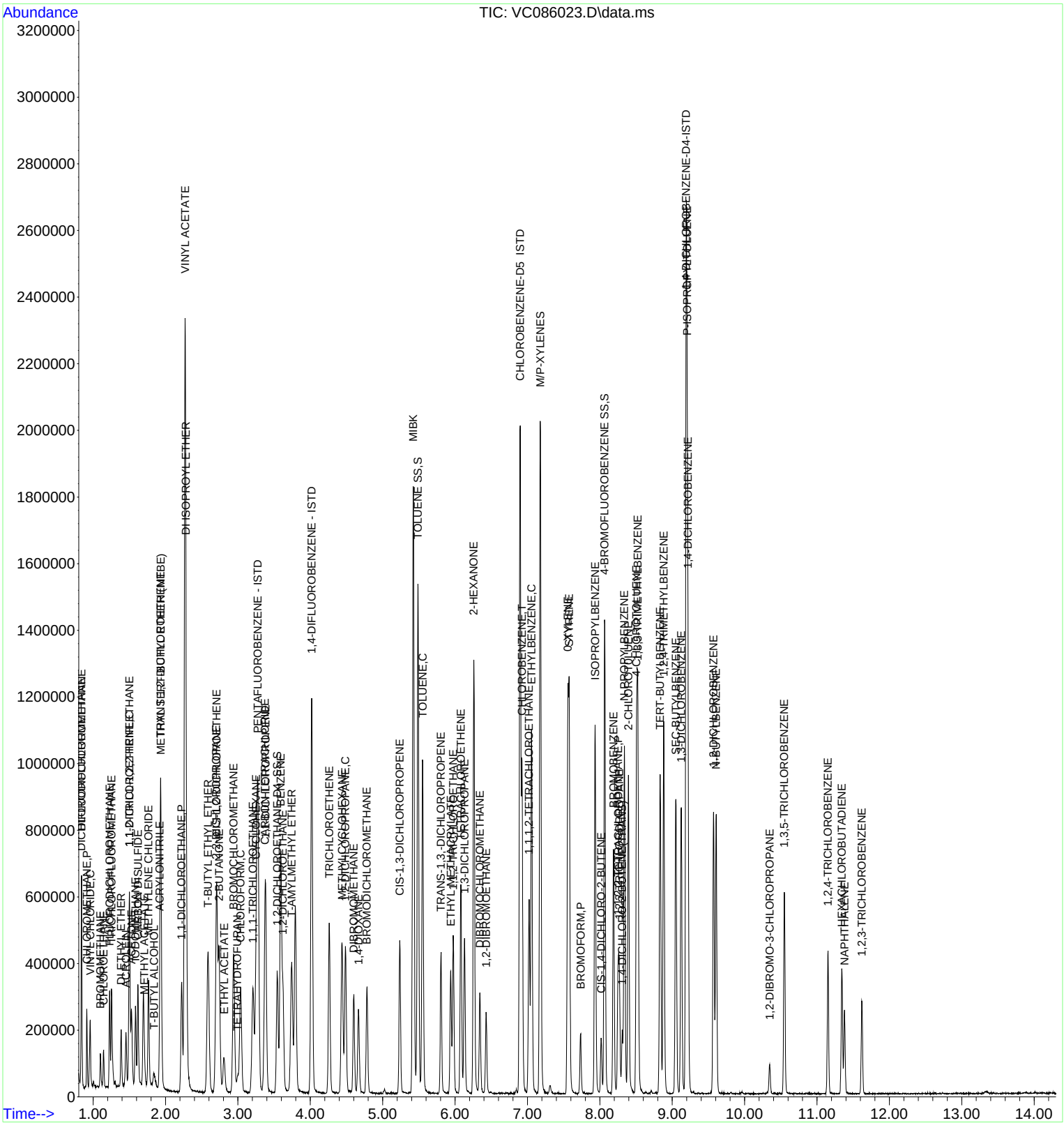
Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46)	ISOBUTANOL	3.740	41	39955	No Calib #	
47)	T-AMYLMETHYL ETHER	3.743	73	319002	10.10 UG/L	100
50)	1,2-DICHLOROETHANE	3.621	62	208736	10.92 UG/L	100
51)	TRICHLOROETHENE	4.262	95	148170	10.63 UG/L	99
52)	METHYLCYCLOHEXANE	4.440	83	171235	11.40 UG/L	99
53)	1,2-DICHLOROPROPANE	4.485	63	142263	10.32 UG/L	97
54)	DIBROMOMETHANE	4.599	93	92237	10.58 UG/L	97
55)	METHYL METHACRYLATE	4.664	41	111264	No Calib #	
56)	1,4-DIOXANE	4.666	88	6131m	72.64 UG/L	
57)	BROMODICHLOROMETHANE	4.781	83	169618	10.21 UG/L	100
58)	2-CHLOROETHYLVINYLETHER	0.000		0	N.D. d	
59)	MIBK	5.422	43	1125240	95.69 UG/L	94
60)	CIS-1,3-DICHLOROPROPENE	5.235	75	205403	10.27 UG/L	97
61)	TOLUENE	5.553	91	612176	11.05 UG/L	99
62)	TRANS-1,3,-DICHLOROPRO...	5.804	75	175904	10.79 UG/L	100
63)	ETHYL METHACRYLATE	5.941	69	151059	9.54 UG/L	100
64)	1,1,2-TRICHLOROETHANE	5.974	97	125215	10.40 UG/L	96
65)	2-HEXANONE	6.259	43	747341	97.14 UG/L	96
66)	TETRACHLOROETHENE	6.080	166	163494	10.92 UG/L	98
67)	1,3-DICHLOROPROPANE	6.130	76	203927	10.71 UG/L	99
68)	DIBROMOCHLOROMETHANE	6.342	129	127328	12.03 UG/L	98
69)	1,2-DIBROMOETHANE	6.429	107	132224	10.57 UG/L	99
72)	CHLOROBENZENE	6.925	112	432334	11.34 UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	137030	10.99 UG/L	99
74)	ETHYLBENZENE	7.056	91	682758	10.71 UG/L	99
75)	M/P-XYLENES	7.179	91	1062155	21.88 UG/L	98
76)	0-XYLENE	7.558	91	557991	11.55 UG/L	100
77)	STYRENE	7.578	104	454617	10.86 UG/L	97
78)	BROMOFORM	7.737	173	68513	13.00 UG/L	99
79)	ISOPROPYLBENZENE	7.935	105	627739	11.37 UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	33317	6.95 UG/L	82
81)	1,1,2,2-TETRACHLOROETHANE	8.253	83	148025	10.29 UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	36779	7.52 UG/L #	83
83)	BROMOBENZENE	8.191	77	251307	10.48 UG/L	96
84)	1,2,3-TRICHLOROPROPANE	8.269	75	110998	9.98 UG/L	97
85)	N-PROPYLBENZENE	8.339	91	713122	11.40 UG/L	97
86)	2-CHLOROT0LUENE	8.395	91	456088	11.12 UG/L	98
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	510977	10.40 UG/L	100
88)	4-CHLOROTOLUENE	8.506	91	532561	11.44 UG/L	100
90)	TERT-BUTYLBENZENE	8.833	119	425230	11.20 UG/L	100
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	526133	10.47 UG/L	99
92)	SEC-BUTYLBENZENE	9.050	105	570025	11.35 UG/L	99
93)	1,3-DICHLOROBENZENE	9.125	146	317920	11.20 UG/L	99
94)	P-ISOPROPYLTOLUENE	9.206	119	485589	11.10 UG/L	100
95)	1,4-DICHLOROBENZENE	9.217	146	323110	10.42 UG/L	98
96)	N-BUTYLBENZENE	9.608	91	399961	11.00 UG/L	97
97)	1,2-DICHLOROBENZENE	9.572	146	307598	11.13 UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	16403	9.54 UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.548	180	167702	9.24 UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	106779	8.53 UG/L	97
101)	HEXACHLOROBUTADIENE	11.345	225	64835	9.93 UG/L	97
102)	NAPHTHALENE	11.381	128	164972	8.26 UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.618	180	73606	8.52 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC081003.D	Calibration Date:	03/13/12 11:56
Sequence:	S002042	Injection Date:	03/21/12
Lab Sample ID:	S002042-CCV1	Injection Time:	10:51

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	98.5	0.1312442	0.129226		-1.5	20	
Acrylonitrile	A	10.0	11.3	0.1671041	0.1882739		12.7	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	1.458936	1.492953		2.3	20	
Benzene	A	10.0	10.6	2.344975	2.473223		5.5	20	
Bromobenzene	A	10.0	10.1	1.343039	1.361155		1.3	20	
Bromochloromethane	A	10.0	9.39	0.5155469	0.4838864		-6.1	20	
Bromodichloromethane	A	10.0	10.8	0.6050761	0.6514785		7.7	20	
Bromoform	A	10.0	11.5	0.3378134	0.388502		15.0	20	
Bromomethane	L	10.0	16.5	0.5706374	0.704204		65.3	20	*
2-Butanone (MEK)	A	100	99.3	0.1980164	0.1966194		-0.7	20	
tert-Butyl Alcohol (TBA)	A	100	115	3.671922E-02	0.042402		15.5	20	
n-Butylbenzene	A	10.0	10.5	2.194198	2.312036		5.4	20	
sec-Butylbenzene	A	10.0	10.5	2.872938	3.014444		4.9	20	
tert-Butylbenzene	A	10.0	10.2	2.050992	2.082493		1.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.70	1.818026	1.763972		-3.0	20	
Carbon Disulfide	A	100	109	1.773019	1.936805		9.2	20	
Carbon Tetrachloride	A	10.0	10.4	0.7835357	0.8189632		4.5	20	
Chlorobenzene	A	10.0	10.2	1.795275	1.822215		1.5	20	
Chlorodibromomethane	A	10.0	11.7	0.3805682	0.4466875		17.4	20	
Chloroethane	A	10.0	10.1	0.3555727	0.3578953		0.7	20	
Chloroform	A	10.0	11.1	1.177089	1.302299		10.6	20	
Chloromethane	A	10.0	8.55	0.4963028	0.4242769		-14.5	20	
2-Chlorotoluene	A	10.0	10.3	2.167767	2.2376		3.2	20	
4-Chlorotoluene	A	10.0	10.4	2.552209	2.660826		4.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC081003.D	Calibration Date:	03/13/12 11:56
Sequence:	S002042	Injection Date:	03/21/12
Lab Sample ID:	S002042-CCV1	Injection Time:	10:51

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.76	0.134898	0.1181078		-12.4	20	
1,2-Dibromoethane (EDB)	A	10.0	10.6	0.3676618	0.389368		5.9	20	
Dibromomethane	A	10.0	9.88	0.2895729	0.2862048		-1.2	20	
1,2-Dichlorobenzene	A	10.0	9.86	1.465509	1.444978		-1.4	20	
1,3-Dichlorobenzene	A	10.0	10.2	1.47242	1.505051		2.2	20	
1,4-Dichlorobenzene	A	10.0	9.71	1.694569	1.644598		-2.9	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.0	0.2205607	0.2205673		0.003	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	11.0	0.7686834	0.8414207		9.5	20	
1,1-Dichloroethane	A	10.0	10.1	1.151691	1.16745		1.4	20	
1,2-Dichloroethane	A	10.0	10.3	0.8061554	0.8301351		3.0	20	
1,1-Dichloroethylene	A	10.0	9.90	1.045603	1.034723		-1.0	20	
cis-1,2-Dichloroethylene	A	10.0	10.3	1.200308	1.240732		3.4	20	
trans-1,2-Dichloroethylene	A	10.0	10.6	0.9823875	1.036136		5.5	20	
1,2-Dichloropropane	A	10.0	10.0	0.4015147	0.4034092		0.5	20	
1,3-Dichloropropane	A	10.0	10.6	0.6057947	0.6429528		6.1	20	
2,2-Dichloropropane	A	10.0	10.8	0.7905937	0.8568125		8.4	20	
1,1-Dichloropropene	A	10.0	10.4	0.9154456	0.9493161		3.7	20	
cis-1,3-Dichloropropene	A	10.0	11.1	0.5975082	0.6652433		11.3	20	
trans-1,3-Dichloropropene	A	10.0	11.0	0.4739455	0.5197118		9.7	20	
Diethyl Ether	A	10.0	9.91	0.4528029	0.4488878		-0.9	20	
Diisopropyl Ether (DIPE)	A	10.0	9.41	1.624756	1.52852		-5.9	20	
1,4-Dioxane	A	100	129	2.192451E-03	2.83431E-03		29.3	20	*
Ethylbenzene	A	10.0	10.5	3.254975	3.41094		4.8	20	
Hexachlorobutadiene	A	10.0	10.5	0.369878	0.3891441		5.2	20	
2-Hexanone (MBK)	A	100	102	0.1984897	0.2032266		2.4	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC081003.D	Calibration Date:	03/13/12 11:56
Sequence:	S002042	Injection Date:	03/21/12
Lab Sample ID:	S002042-CCV1	Injection Time:	10:51

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.7	2.816489	3.022676		7.3	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.1	2.423857	2.453785		1.2	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.6	1.419476	1.498911		5.6	20	
Methylene Chloride	A	10.0	11.0	0.8138529	0.8945517		9.9	20	
4-Methyl-2-pentanone (MIBK)	A	100	102	0.2902634	0.2950561		1.7	20	
Naphthalene	A	10.0	6.08	1.588673	0.9665435		-39.2	20	*
n-Propylbenzene	A	10.0	10.7	3.139299	3.347543		6.6	20	
Styrene	A	10.0	10.8	2.049215	2.218325		8.3	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.4	0.564043	0.58877		4.4	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.5	0.7020694	0.7395105		5.3	20	
Tetrachloroethylene	A	10.0	11.5	0.4162801	0.4782894		14.9	20	
Tetrahydrofuran	A	10.0	9.99	0.1103828	0.1102628		-0.1	20	
Toluene	A	10.0	10.6	1.698635	1.804639		6.2	20	
1,2,3-Trichlorobenzene	A	10.0	7.67	0.619622	0.4755326		-23.3	20	*
1,2,4-Trichlorobenzene	A	10.0	8.11	0.8121692	0.6590397		-18.9	20	
1,3,5-Trichlorobenzene	A	10.0	9.83	1.036612	1.018853		-1.7	20	
1,1,1-Trichloroethane	A	10.0	10.0	1.058752	1.06424		0.5	20	
1,1,2-Trichloroethane	A	10.0	10.2	0.3474101	0.3555013		2.3	20	
Trichloroethylene	A	10.0	10.4	0.43992	0.4561312		3.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.9	1.064602	1.162654		9.2	20	
1,2,3-Trichloropropane	A	10.0	9.99	0.6269156	0.6262184		-0.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.2	0.5175258	0.5280184		2.0	20	
1,2,4-Trimethylbenzene	A	10.0	10.6	3.001042	3.178231		5.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200036
Lab File ID:	VC081003.D	Calibration Date:	03/13/12 11:56
Sequence:	S002042	Injection Date:	03/21/12
Lab Sample ID:	S002042-CCV1	Injection Time:	10:51

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.8	2.644845	2.857306		8.0	20
Vinyl Chloride	A	10.0	10.1	0.7129599	0.7185741		0.8	20
m+p Xylene	A	20.0	20.7	2.580754	2.674728		3.6	20
o-Xylene	A	10.0	10.6	2.51915	2.662494		5.7	20
1,2-Dichloroethane-d4	A	25.0	23.5	0.7715344	0.7250037		-6.0	
Toluene-d8	A	25.0	25.4	1.185481	1.206174		1.7	
4-Bromofluorobenzene	A	25.0	24.9	0.9054911	0.9021214		-0.4	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081003.D
Acq On : 21 Mar 2012 10:51 am
Operator :
Sample : S002042-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 22 09:53:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	490392	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	748436	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	465681	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	420785	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	296280	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.486	98	752287	25.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	350084	24.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	137542	10.95	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.840	51	125532	9.53	UG/L		94
5) CHLOROMETHANE	0.913	50	69354	8.55	UG/L		99
6) VINYL CHLORIDE	0.960	62	117461	10.08	UG/L		98
7) BROMOMETHANE	1.102	94	115112	16.53	UG/L		99
8) CHLOROETHANE	1.144	64	58503	10.07	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	202927	10.29	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.253	101	190052	10.92	UG/L		99
12) DI ETHYL ETHER	1.387	59	73377	9.91	UG/L	#	90
13) ACROLEIN	1.448	56	2286	28.57	UG/L	#	1
14) ACETONE	1.532	43	211238	98.46	UG/L		95
15) 1,1-DICHLOROETHENE	1.501	61	169140	9.90	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	86312	10.20	UG/L		100
17) IODOMETHANE	1.585	142	1382720	85.36	UG/L		97
18) ACETONITRILE	1.699	41	576	0.30	UG/L	#	1
19) ALLYL CHLORIDE	1.730	76	1073	0.18	UG/L	#	1
20) METHYL ACETATE	1.707	43	77205	7.50	UG/L	#	96
21) T-BUTYL ALCOHOL	1.838	59	69312	115.48	UG/L	#	96
22) ACRYLONITRILE	1.917	53	30776	11.27	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	146227	10.99	UG/L		93
24) CARBON DISULFIDE	1.618	76	3165979	109.24	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	245018	10.56	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.931	61	169371	10.55	UG/L		97
27) 1,1-DICHLOROETHANE	2.223	63	190836	10.14	UG/L		99
28) VINYL ACETATE	2.268	43	1819563	110.87	UG/L		100
29) DI ISOPROYL ETHER	2.285	45	249858	9.41	UG/L		98
31) 2-BUTANONE	2.739	43	321402	99.29	UG/L		99
32) T-BUTYL ETHYL ETHER	2.589	59	288346	9.70	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.706	61	202815	10.34	UG/L		100
34) 2,2-DICHLOROPROPANE	2.697	77	140058	10.84	UG/L		99
35) ETHYL ACETATE	2.814	43	78039	8.92	UG/L		95
36) PROPIONITRILE	2.594	54	551	0.53	UG/L	#	1
37) METHACRYLONITRILE	2.987	41	5600	1.15	UG/L	#	100
38) BROMOCHLOROMETHANE	2.937	49	79098	9.39	UG/L		96
39) TETRAHYDROFURAN	2.987	42	18024	9.99	UG/L	#	43
40) CHLOROFORM	3.035	83	212879	11.06	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.210	97	173965	10.05	UG/L		99
42) CYCLOHEXANE	3.258	56	154546	9.94	UG/L	#	68
43) CARBON TETRACHLORIDE	3.369	117	133871	10.45	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	155179	10.37	UG/L		98
45) BENZENE	3.590	78	404283	10.55	UG/L		95
46) ISOBUTANOL	3.749	41	31075m	87.61	UG/L		
47) T-AMYLMETHYL ETHER	3.740	73	244044	10.23	UG/L	#	88

Data Path : X:\1\DATA\032112\
Data File : VC081003.D
Acq On : 21 Mar 2012 10:51 am
Operator :
Sample : S002042-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 3 Sample Multiplier: 1

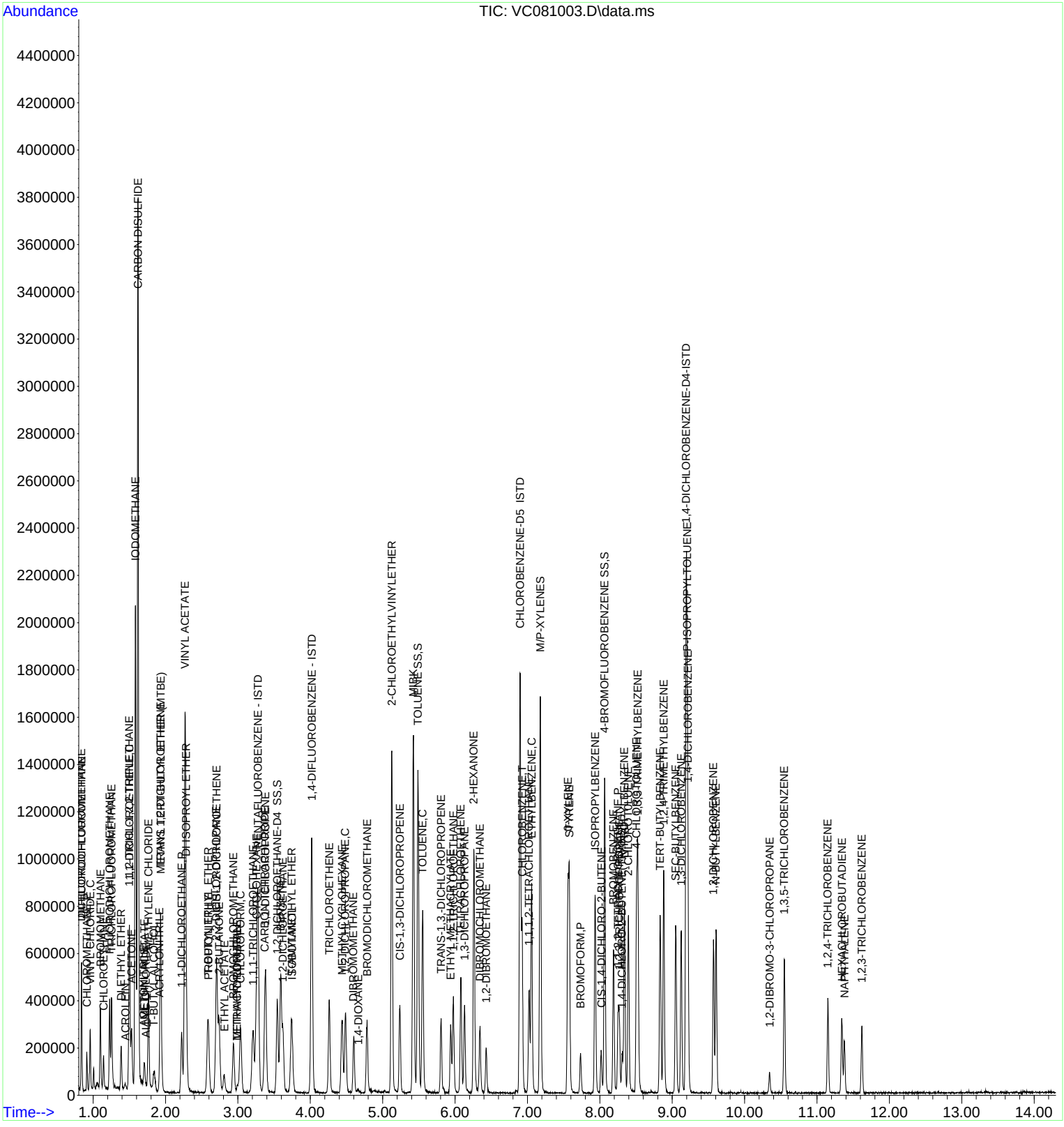
Quant Time: Mar 22 09:53:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 1,2-DICHLOROETHANE	3.620	62	207101	10.30 UG/L	99
51) TRICHLOROETHENE	4.262	95	113795	10.37 UG/L	98
52) METHYLCYCLOHEXANE	4.437	83	118268	10.16 UG/L	99
53) 1,2-DICHLOROPROPANE	4.482	63	100642	10.05 UG/L	99
54) DIBROMOMETHANE	4.594	93	71402	9.88 UG/L	94
56) 1,4-DIOXANE	4.663	88	7071	129.28 UG/L #	20
57) BROMODICHLOROMETHANE	4.786	83	162530	10.77 UG/L #	98
58) 2-CHLOROETHYLVINYLETHER	5.126	63	552152	102.82 UG/L	96
59) MIBK	5.422	43	736102	101.65 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	165964	11.13 UG/L	100
61) TOLUENE	5.550	91	450219	10.62 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	129657	10.97 UG/L	98
63) ETHYL METHACRYLATE	5.938	69	109712	5.19 UG/L	95
64) 1,1,2-TRICHLOROETHANE	5.977	97	88690	10.23 UG/L	96
65) 2-HEXANONE	6.258	43	507007	102.39 UG/L	100
66) TETRACHLOROETHENE	6.077	166	119323	11.49 UG/L	98
67) 1,3-DICHLOROPROPANE	6.130	76	160403	10.61 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	111439	11.74 UG/L	100
69) 1,2-DIBROMOETHANE	6.429	107	97139	10.59 UG/L	99
72) CHLOROBENZENE	6.928	112	282857	10.15 UG/L	97
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	91393	10.44 UG/L	97
74) ETHYLBENZENE	7.059	91	529470	10.48 UG/L	98
75) M/P-XYLENES	7.179	91	830380	20.73 UG/L	100
76) 0-XYLENE	7.561	91	413291	10.57 UG/L	99
77) STYRENE	7.580	104	344344	10.83 UG/L	100
78) BROMOFORM	7.734	173	60306	11.50 UG/L #	98
79) ISOPROPYLBENZENE	7.934	105	469201	10.73 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	33002	8.58 UG/L	92
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	114792	10.53 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	34238	10.00 UG/L	90
83) BROMOBENZENE	8.188	77	211288	10.13 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.269	75	97206	9.99 UG/L	99
85) N-PROPYLBENZENE	8.339	91	519629	10.66 UG/L	100
86) 2-CHLOROT0LUENE	8.392	91	347336	10.32 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	443531	10.80 UG/L	98
88) 4-CHLOROTOLUENE	8.506	91	413032	10.43 UG/L	99
90) TERT-BUTYLBENZENE	8.832	119	292094	10.15 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	445784	10.59 UG/L	97
92) SEC-BUTYLBENZENE	9.047	105	422811	10.49 UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	211101	10.22 UG/L	98
94) P-ISOPROPYLTOLUENE	9.209	119	344172	10.12 UG/L	96
95) 1,4-DICHLOROBENZENE	9.217	146	230674	9.71 UG/L	97
96) N-BUTYLBENZENE	9.605	91	324290	10.54 UG/L	100
97) 1,2-DICHLOROBENZENE	9.569	146	202675	9.86 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	16566	8.76 UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.547	180	142906	9.83 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.147	180	92438	8.11 UG/L	96
101) HEXACHLOROBUTADIENE	11.348	225	54582	10.52 UG/L	96
102) NAPHTHALENE	11.381	128	135569	6.08 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	66699	7.67 UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081003.D
Acq On : 21 Mar 2012 10:51 am
Operator :
Sample : S002042-CCV1 @ x8260 STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 22 09:53:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	109	0.1030032	0.111999		8.7	20	
Acrylonitrile	A	10.0	9.51	0.2481854	0.2359217		-4.9	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.606343	1.692151		5.3	20	
Benzene	A	10.0	10.9	2.571233	2.813271		9.4	20	
Bromobenzene	A	10.0	10.7	1.462006	1.563607		6.9	20	
Bromochloromethane	A	10.0	11.0	0.6789636	0.7471178		10.0	20	
Bromodichloromethane	A	10.0	9.91	0.5452682	0.5403191		-0.9	20	
Bromoform	A	10.0	12.1	0.321342	0.3884255		20.9	20	*
Bromomethane	L	10.0	7.55	0.3680515	0.1609639		-24.5	20	*
2-Butanone (MEK)	A	100	96.5	0.2765387	0.2668486		-3.5	20	
tert-Butyl Alcohol (TBA)	A	100	78.3	3.108169E-02	2.433383E-02		-21.7	20	*
n-Butylbenzene	A	10.0	11.0	2.100922	2.31152		10.0	20	
sec-Butylbenzene	A	10.0	11.4	2.902096	3.321214		14.4	20	
tert-Butylbenzene	A	10.0	11.4	2.195128	2.493284		13.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.0	1.933694	2.117578		9.5	20	
Carbon Disulfide	A	100	12.2	0.9730355	0.1191586		-87.8	20	*
Carbon Tetrachloride	A	10.0	9.89	0.8450429	0.8358214		-1.1	20	
Chlorobenzene	A	10.0	11.2	2.32315	2.602175		12.0	20	
Chlorodibromomethane	A	10.0	11.4	0.3473243	0.3957011		13.9	20	
Chloroethane	A	10.0	11.4	0.2076187	0.2363387		13.8	20	
Chloroform	A	10.0	10.7	1.163696	1.241385		6.7	20	
Chloromethane	A	10.0	14.5	0.3477195	0.5037743		44.9	20	*
2-Chlorotoluene	A	10.0	11.1	2.50024	2.779194		11.2	20	
4-Chlorotoluene	A	10.0	11.5	2.837575	3.251544		14.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.21	9.870397E-02	9.034847E-02		-7.9	20	
1,2-Dibromoethane (EDB)	A	10.0	10.4	0.4107707	0.4291061		4.5	20	
Dibromomethane	A	10.0	10.4	0.2860706	0.2969186		3.8	20	
1,2-Dichlorobenzene	A	10.0	11.5	1.597415	1.838565		15.1	20	
1,3-Dichlorobenzene	A	10.0	11.5	1.641262	1.890719		15.2	20	
1,4-Dichlorobenzene	A	10.0	10.6	1.792848	1.90703		6.4	20	
trans-1,4-Dichloro-2-butene	L	10.0	7.36	0.2547239	0.2193148		-26.4	20	*
Dichlorodifluoromethane (Freon 12)	L	10.0	18.4	0.4172903	0.6446896		84.0	20	*
1,1-Dichloroethane	A	10.0	11.0	1.206503	1.332607		10.5	20	
1,2-Dichloroethane	A	10.0	10.5	0.627319	0.6605136		5.3	20	
1,1-Dichloroethylene	A	10.0	11.2	0.5988157	0.6683013		11.6	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	1.170904	1.196374		2.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.7	0.9797238	1.049715		7.1	20	
1,2-Dichloropropane	A	10.0	10.6	0.45256	0.4795258		6.0	20	
1,3-Dichloropropane	A	10.0	10.6	0.6250267	0.6634918		6.2	20	
2,2-Dichloropropane	A	10.0	9.61	0.8138662	0.7822688		-3.9	20	
1,1-Dichloropropene	A	10.0	10.9	0.8549716	0.9341216		9.3	20	
cis-1,3-Dichloropropene	A	10.0	9.85	0.6567923	0.6466842		-1.5	20	
trans-1,3-Dichloropropene	A	10.0	10.6	0.5352389	0.5687225		6.3	20	
Diethyl Ether	A	10.0	9.42	0.3356409	0.3163376		-5.8	20	
Diisopropyl Ether (DIPE)	A	10.0	11.7	2.204692	2.582586		17.1	20	
1,4-Dioxane	A	100	95.4	2.770592E-03	2.644351E-03		-4.6	20	
Ethylbenzene	A	10.0	10.7	3.887438	4.165676		7.2	20	
Hexachlorobutadiene	A	10.0	10.1	0.3774104	0.3798043		0.6	20	
2-Hexanone (MBK)	A	100	98.7	0.252538	0.2493323		-1.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	11.4	3.366944	3.842533		14.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	11.3	2.529679	2.857192		12.9	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.2	1.509584	1.683224		11.5	20
Methylene Chloride	A	10.0	11.3	0.6239754	0.7072635		13.3	20
4-Methyl-2-pentanone (MIBK)	A	100	95.4	0.3859875	0.3682757		-4.6	20
Naphthalene	L	10.0	8.27	1.263455	0.9549307		-17.3	20
n-Propylbenzene	A	10.0	11.4	3.811691	4.353741		14.2	20
Styrene	A	10.0	10.9	2.551661	2.775792		8.8	20
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.7600253	0.807333		6.2	20
1,1,2,2-Tetrachloroethane	A	10.0	9.92	0.8770334	0.8703875		-0.8	20
Tetrachloroethylene	A	10.0	10.8	0.4914294	0.5300389		7.9	20
Tetrahydrofuran	A	10.0	8.76	0.1768134	0.1549198		-12.4	20
Toluene	A	10.0	11.1	1.819296	2.013213		10.7	20
1,2,3-Trichlorobenzene	L	10.0	8.73	0.5202717	0.4407645		-12.7	20
1,2,4-Trichlorobenzene	L	10.0	8.88	0.6052513	0.6488941		-11.2	20
1,3,5-Trichlorobenzene	L	10.0	9.29	0.8128833	0.9747509		-7.1	20
1,1,1-Trichloroethane	A	10.0	10.5	1.04186	1.090873		4.7	20
1,1,2-Trichloroethane	A	10.0	10.5	0.3953447	0.4144687		4.8	20
Trichloroethylene	A	10.0	10.9	0.4576472	0.4972316		8.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.7	0.6799885	0.7268739		6.9	20
1,2,3-Trichloropropane	A	10.0	10.1	0.6778576	0.6851495		1.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	0.3325636	0.3930479		18.2	20
1,2,4-Trimethylbenzene	A	10.0	10.6	2.905379	3.086695		6.2	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.5	2.996066	3.137424		4.7	20
Vinyl Chloride	A	10.0	10.9	0.4431725	0.4814664		8.6	20
m+p Xylene	A	20.0	21.9	2.959415	3.240235		9.5	20
o-Xylene	A	10.0	11.7	2.945278	3.439996		16.8	20
1,2-Dichloroethane-d4	A	25.0	24.7	0.476943	0.4716744		-1.1	
Toluene-d8	A	25.0	25.4	1.100462	1.118038		1.6	
4-Bromofluorobenzene	A	25.0	24.6	0.9951497	0.9787205		-1.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

360

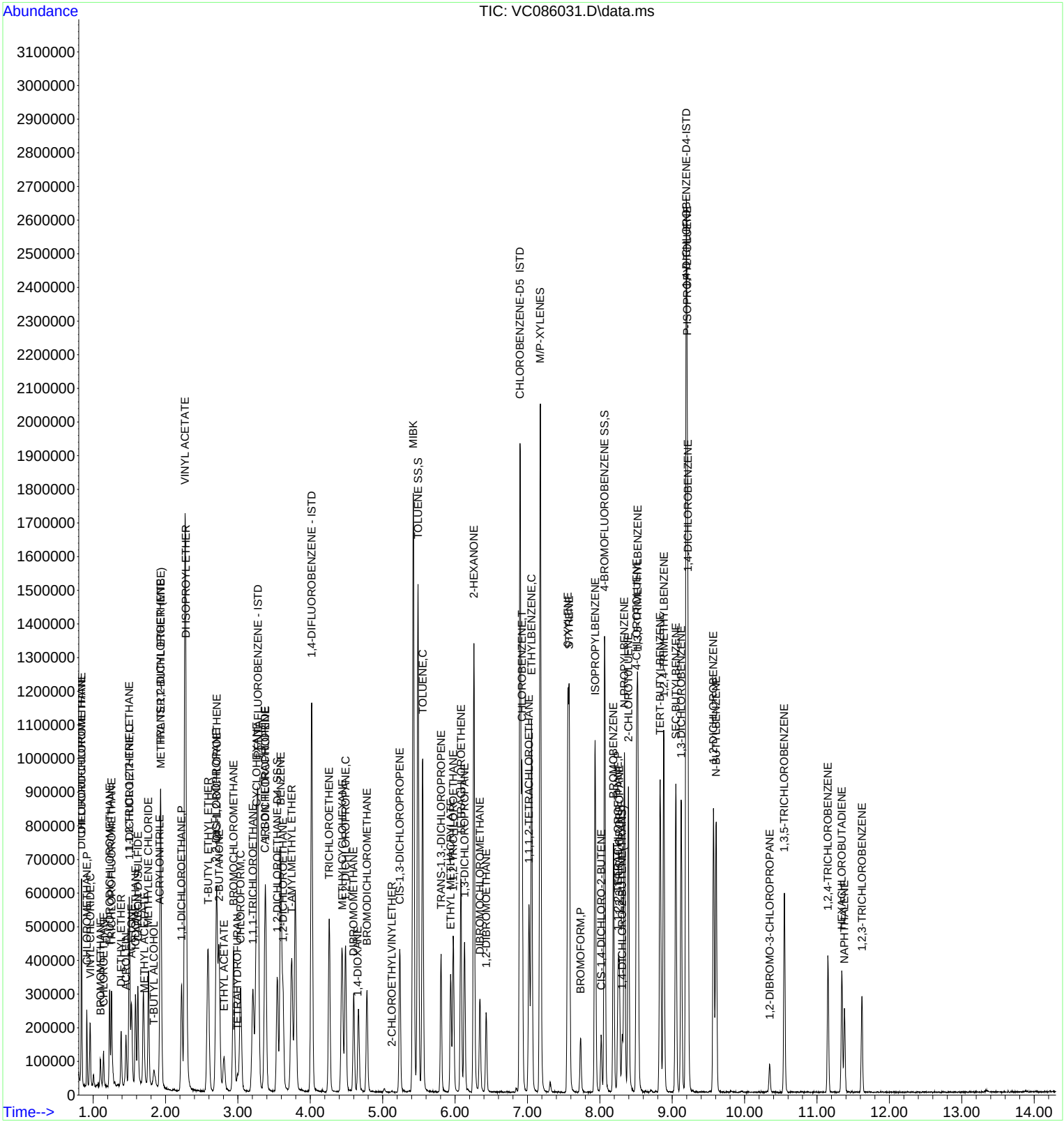
Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002042	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S002042-CCV1)			*Lab File ID: VC081003.D*			*Analyzed: 03/21/12 10:51*			
Pentafluorobenzene	490392	3.277	540423	3.28	91	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	748436	4.022	830184	4.02	90	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	465681	6.9	492700	6.9	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	420785	9.192	430680	9.19	98	50 - 200	0.0020	+/-0.50	
LCS (B048283-BS1)			*Lab File ID: VC081005.D*			*Analyzed: 03/21/12 11:53*			
Pentafluorobenzene	532862	3.28	490392	3.277	109	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	796718	4.02	748436	4.022	106	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	490591	6.89	465681	6.9	105	50 - 200	-0.0100	+/-0.50	
1,4-Dichlorobenzene-d4	443579	9.2	420785	9.192	105	50 - 200	0.0080	+/-0.50	
LCS Dup (B048283-BSD1)			*Lab File ID: VC081006.D*			*Analyzed: 03/21/12 12:26*			
Pentafluorobenzene	490515	3.27	490392	3.277	100	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	738186	4.02	748436	4.022	99	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	463783	6.9	465681	6.9	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	409606	9.19	420785	9.192	97	50 - 200	-0.0020	+/-0.50	
Blank (B048283-BLK1)			*Lab File ID: VC081008.D*			*Analyzed: 03/21/12 13:27*			
Pentafluorobenzene	507900	3.27	490392	3.277	104	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	774095	4.02	748436	4.022	103	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	461248	6.9	465681	6.9	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	402489	9.19	420785	9.192	96	50 - 200	-0.0020	+/-0.50	
TB31512-02 (12C0539-01)			*Lab File ID: VC081009.D*			*Analyzed: 03/21/12 13:57*			
Pentafluorobenzene	519605	3.27	490392	3.277	106	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	765990	4.02	748436	4.022	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	480443	6.9	465681	6.9	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	404819	9.19	420785	9.192	96	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002042	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW-1-CH0-March 2012 (12C0539-02)			*Lab File ID: VC081011.D*			*Analyzed: 03/21/12 14:57*			
Pentafluorobenzene	508740	3.28	490392	3.277	104	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	762382	4.02	748436	4.022	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	466052	6.9	465681	6.9	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	400615	9.19	420785	9.192	95	50 - 200	-0.0020	+/-0.50	
PW-1-CH6-March 2012 (12C0539-03)			*Lab File ID: VC081012.D*			*Analyzed: 03/21/12 15:27*			
Pentafluorobenzene	496050	3.28	490392	3.277	101	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	730179	4.02	748436	4.022	98	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	442663	6.9	465681	6.9	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	376370	9.19	420785	9.192	89	50 - 200	-0.0020	+/-0.50	
PW-3-CH2-March 2012 (12C0539-04)			*Lab File ID: VC081013.D*			*Analyzed: 03/21/12 15:57*			
Pentafluorobenzene	511763	3.28	490392	3.277	104	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	789759	4.02	748436	4.022	106	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	470713	6.9	465681	6.9	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	407269	9.19	420785	9.192	97	50 - 200	-0.0020	+/-0.50	
PW-3-CH0-March 2012 (12C0539-05)			*Lab File ID: VC081014.D*			*Analyzed: 03/21/12 16:27*			
Pentafluorobenzene	475686	3.28	490392	3.277	97	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	714200	4.02	748436	4.022	95	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	432789	6.9	465681	6.9	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	366249	9.19	420785	9.192	87	50 - 200	-0.0020	+/-0.50	
PW-3-CH5-March 2012 (12C0539-06)			*Lab File ID: VC081015.D*			*Analyzed: 03/21/12 16:58*			
Pentafluorobenzene	471632	3.27	490392	3.277	96	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	718709	4.02	748436	4.022	96	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	449991	6.9	465681	6.9	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	371613	9.19	420785	9.192	88	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002042	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW-4-CH5-March 2012 (12C0539-07)			*Lab File ID: VC081016.D*			*Analyzed: 03/21/12 17:28*			
Pentafluorobenzene	510875	3.28	490392	3.277	104	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	763975	4.02	748436	4.022	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	470145	6.9	465681	6.9	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	396038	9.19	420785	9.192	94	50 - 200	-0.0020	+/-0.50	
PW-4-CH0-March 2012 (12C0539-08)			*Lab File ID: VC081017.D*			*Analyzed: 03/21/12 17:58*			
Pentafluorobenzene	503207	3.27	490392	3.277	103	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	764712	4.02	748436	4.022	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	478062	6.9	465681	6.9	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	402162	9.19	420785	9.192	96	50 - 200	-0.0020	+/-0.50	
PW-6-CH5-March 2012 (12C0539-09)			*Lab File ID: VC081018.D*			*Analyzed: 03/21/12 18:28*			
Pentafluorobenzene	471011	3.28	490392	3.277	96	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	694044	4.02	748436	4.022	93	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	440667	6.9	465681	6.9	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	357119	9.2	420785	9.192	85	50 - 200	0.0080	+/-0.50	
PW-6-CH3-March 2012 (12C0539-10)			*Lab File ID: VC081019.D*			*Analyzed: 03/21/12 18:58*			
Pentafluorobenzene	466126	3.27	490392	3.277	95	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	696425	4.02	748436	4.022	93	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	439819	6.9	465681	6.9	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	362740	9.19	420785	9.192	86	50 - 200	-0.0020	+/-0.50	
PW-6-CH0-March 2012 (12C0539-11)			*Lab File ID: VC081020.D*			*Analyzed: 03/21/12 19:28*			
Pentafluorobenzene	448001	3.28	490392	3.277	91	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	676617	4.02	748436	4.022	90	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	409125	6.9	465681	6.9	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	347381	9.19	420785	9.192	83	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002042	Instrument:	GCMSVOA3
		Calibration:	1200036

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW-6-CH4-March 2012 (12C0539-12)			*Lab File ID: VC081021.D*			*Analyzed: 03/21/12 19:58*			
Pentafluorobenzene	462508	3.28	490392	3.277	94	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	702271	4.02	748436	4.022	94	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	430107	6.9	465681	6.9	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	362214	9.19	420785	9.192	86	50 - 200	-0.0020	+/-0.50	
PW-9-CH4-March 2012 (12C0539-13)			*Lab File ID: VC081022.D*			*Analyzed: 03/21/12 20:28*			
Pentafluorobenzene	489143	3.28	490392	3.277	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	731414	4.02	748436	4.022	98	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	448463	6.9	465681	6.9	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	371557	9.19	420785	9.192	88	50 - 200	-0.0020	+/-0.50	
PW-9-CH01-March 2012 (12C0539-14)			*Lab File ID: VC081023.D*			*Analyzed: 03/21/12 20:58*			
Pentafluorobenzene	465211	3.28	490392	3.277	95	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	688350	4.02	748436	4.022	92	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	430465	6.9	465681	6.9	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	369364	9.19	420785	9.192	88	50 - 200	-0.0020	+/-0.50	
EPA-MW4A-March 2012 (12C0539-15)			*Lab File ID: VC081024.D*			*Analyzed: 03/21/12 21:28*			
Pentafluorobenzene	493611	3.28	490392	3.277	101	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	733290	4.02	748436	4.022	98	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	458682	6.9	465681	6.9	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	383881	9.19	420785	9.192	91	50 - 200	-0.0020	+/-0.50	
EPA-MW-5A-March 2012 (12C0539-16)			*Lab File ID: VC081025.D*			*Analyzed: 03/21/12 21:58*			
Pentafluorobenzene	443538	3.28	490392	3.277	90	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	659379	4.02	748436	4.022	88	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	408098	6.9	465681	6.9	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	344017	9.2	420785	9.192	82	50 - 200	0.0080	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0539
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B048557-BS1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.28	588990	3.27	96	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	898519	4.02	930510	4.02	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	480679	6.9	488427	6.9	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.19	507149	9.19	99	50 - 200	0.0000	+/-0.50	
Calibration Check (S002043-CCV1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.277	588990	3.27	96	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	898519	4.019	930510	4.02	97	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	480679	6.897	488427	6.9	98	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.195	507149	9.19	99	50 - 200	0.0050	+/-0.50	
LCS Dup (B048557-BSD1)			*Lab File ID: VC086032.D*			*Analyzed: 03/26/12 21:24*			
Pentafluorobenzene	595410	3.27	568320	3.277	105	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	942826	4.02	898519	4.019	105	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	498289	6.9	480679	6.897	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	520398	9.19	500097	9.195	104	50 - 200	-0.0050	+/-0.50	
Blank (B048557-BLK1)			*Lab File ID: VC086034.D*			*Analyzed: 03/26/12 22:24*			
Pentafluorobenzene	583399	3.28	568320	3.277	103	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	919390	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	488679	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	479968	9.19	500097	9.195	96	50 - 200	-0.0050	+/-0.50	
EPA-MW5B-March 2012 (12C0539-17)			*Lab File ID: VC086038.D*			*Analyzed: 03/27/12 00:24*			
Pentafluorobenzene	578115	3.28	568320	3.277	102	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	926023	4.02	898519	4.019	103	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	483867	6.9	480679	6.897	101	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	483669	9.19	500097	9.195	97	50 - 200	-0.0050	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BLK1	File ID:	VC081008.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 13:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	R-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BLK1	File ID:	VC081008.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 13:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BLK1	File ID:	VC081008.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 13:27
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	5.0	V-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032112\
Data File : VC081008.D
Acq On : 21 Mar 2012 1:27 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

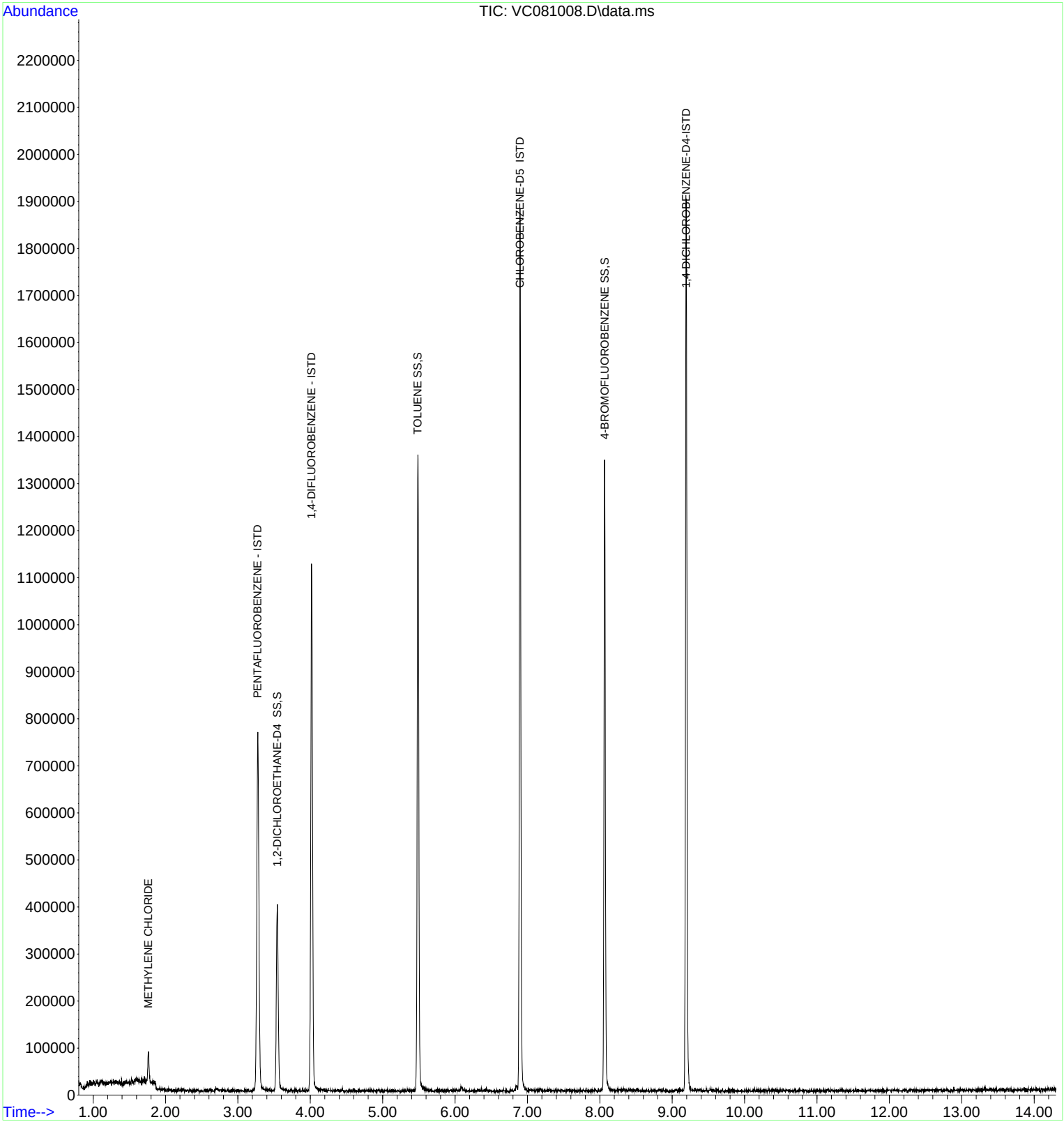
Quant Time: Mar 22 09:58:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

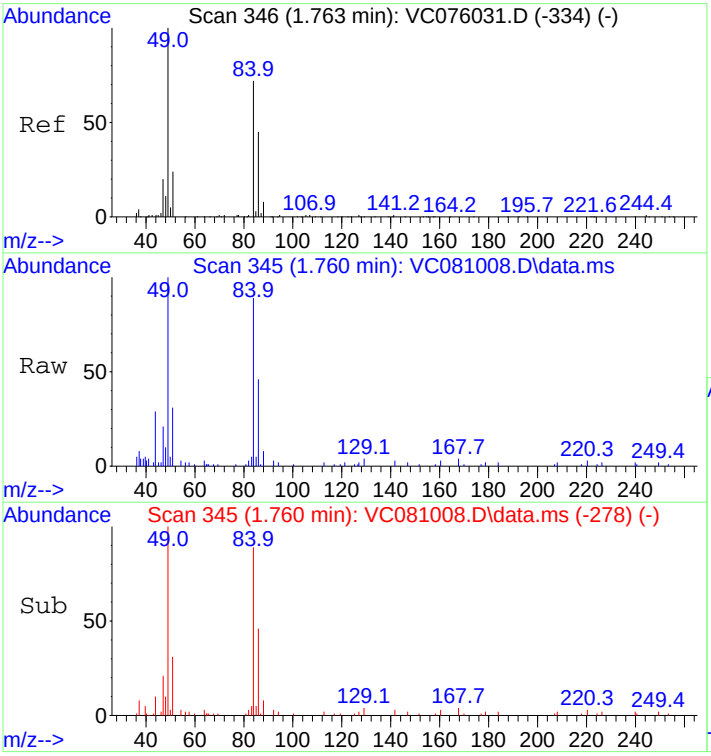
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.272	168	507900	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	774095	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	461248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	402489	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	307923	23.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.28%			
49) TOLUENE SS	5.483	98	762497	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.72%			
71) 4-BROMOFLUOROBENZENE SS	8.068	95	349845	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2426	Below Cal	#	68
23) METHYLENE CHLORIDE	1.760	49	23721	1.72	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081008.D
Acq On : 21 Mar 2012 1:27 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 22 09:58:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

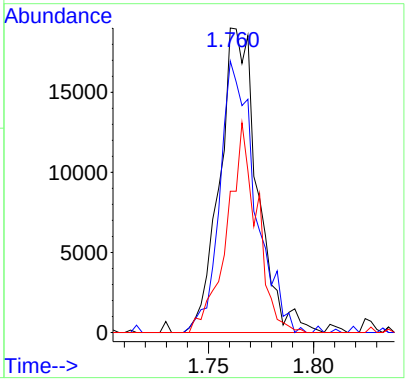




#23
METHYLENE CHLORIDE
Concen: 1.72 UG/L
RT: 1.760 min Scan# 345
Delta R.T. -0.003 min
Lab File: VC081008.D
Acq: 21 Mar 2012 1:27 pm

Tgt Ion: 49 Resp: 23721

Ion	Ratio	Lower	Upper
49	100		
84	83.6	62.8	94.2
86	54.9	40.5	60.7



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BS1	File ID:	VC081005.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 11:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	129	0.54	50	
107-13-1	Acrylonitrile	10.5	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	10.5	0.10	1.0	
74-97-5	Bromochloromethane	9.73	0.10	1.0	
75-27-4	Bromodichloromethane	10.5	0.080	0.50	
75-25-2	Bromoform	12.6	0.25	1.0	
74-83-9	Bromomethane	4.64	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	102	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	105	3.5	20	V-16
104-51-8	n-Butylbenzene	11.1	0.050	1.0	
135-98-8	sec-Butylbenzene	11.5	0.050	1.0	
98-06-6	tert-Butylbenzene	11.2	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.0	0.070	0.50	
75-15-0	Carbon Disulfide	9.99	0.050	2.0	
56-23-5	Carbon Tetrachloride	11.1	0.090	5.0	
108-90-7	Chlorobenzene	11.6	0.050	1.0	
124-48-1	Chlorodibromomethane	11.8	0.12	0.50	
75-00-3	Chloroethane	8.76	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	8.20	0.13	2.0	
95-49-8	2-Chlorotoluene	11.9	0.050	1.0	
106-43-4	4-Chlorotoluene	11.9	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.2	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.4	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BS1	File ID:	VC081005.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 11:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.0	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.1	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	8.22	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.38	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.68	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.97	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.9	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.5	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.4	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	
60-29-7	Diethyl Ether	9.73	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.69	0.030	0.50	
123-91-1	1,4-Dioxane	130	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.0	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.3	0.26	0.50	
591-78-6	2-Hexanone (MBK)	105	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.7	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BS1	File ID:	VC081005.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 11:53
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.3	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	101	0.22	10	
91-20-3	Naphthalene	6.79	0.21	5.0	V-05
103-65-1	n-Propylbenzene	12.0	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.4	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.18	0.50	
127-18-4	Tetrachloroethylene	11.9	0.14	1.0	
109-99-9	Tetrahydrofuran	9.73	1.0	10	
108-88-3	Toluene	11.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.67	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.04	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.47	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.2	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.7	0.080	1.0	
79-01-6	Trichloroethylene	11.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.49	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.8	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.8	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.2	0.060	1.0	
75-01-4	Vinyl Chloride	8.31	0.16	2.0	
108383/106423	m+p Xylene	22.8	0.070	2.0	
95-47-6	o-Xylene	11.7	0.050	1.0	

Data Path : X:\1\DATA\032112\
Data File : VC081005.D
Acq On : 21 Mar 2012 11:53 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 09:56:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	532862	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	796718	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.894	82	490591	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	443579	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.548	65	308278	22.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.00%				
49) TOLUENE SS	5.486	98	784067	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	372923	25.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	112167	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	127259	8.89	UG/L		97
5) CHLOROMETHANE	0.913	50	72304	8.20	UG/L		99
6) VINYL CHLORIDE	0.960	62	105179	8.31	UG/L		100
7) BROMOMETHANE	1.100	94	37173	4.64	UG/L		99
8) CHLOROETHANE	1.144	64	55327	8.76	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	200308	9.35	UG/L		94
10) TRICHLOROFLUOROMETHANE	1.256	101	179449	9.49	UG/L		99
12) DI ETHYL ETHER	1.384	59	78276	9.73	UG/L		93
13) ACROLEIN	1.454	56	118039	2089.46	UG/L	#	1
14) ACETONE	1.529	43	299704	128.56	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	174185	9.38	UG/L		100
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	99696	10.85	UG/L		99
17) IODOMETHANE	1.585	142	217049	17.15	UG/L		99
18) ACETONITRILE	1.696	41	113383	54.25	UG/L	#	69
19) ALLYL CHLORIDE	1.694	76	49838	7.86	UG/L		77
20) METHYL ACETATE	1.708	43	68792	6.15	UG/L	#	92
21) T-BUTYL ALCOHOL	1.839	59	68289	104.70	UG/L		100
22) ACRYLONITRILE	1.919	53	31072	10.47	UG/L		92
23) METHYLENE CHLORIDE	1.761	49	149014	10.31	UG/L		90
24) CARBON DISULFIDE	1.618	76	314466	9.99	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	294205	11.67	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.931	61	173983	9.97	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	217401	10.63	UG/L		98
28) VINYL ACETATE	2.271	43	1850872	103.79	UG/L		100
29) DI ISOPROYL ETHER	2.282	45	279549	9.69	UG/L		98
31) 2-BUTANONE	2.739	43	358820	102.02	UG/L	#	94
32) T-BUTYL ETHYL ETHER	2.586	59	323575	10.02	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	206406	9.68	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	147906	10.53	UG/L		99
35) ETHYL ACETATE	2.809	43	75892	7.98	UG/L		95
36) PROPIONITRILE	2.798	54	2733	2.42	UG/L	#	50
37) METHACRYLONITRILE	2.943	41	49851	9.42	UG/L	#	68
38) BROMOCHLOROMETHANE	2.937	49	89099	9.73	UG/L		93
39) TETRAHYDROFURAN	2.990	42	19085m	9.73	UG/L		
40) CHLOROFORM	3.038	83	233189	11.15	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	191844	10.20	UG/L		98
42) CYCLOHEXANE	3.258	56	173181	10.25	UG/L		96
43) CARBON TETRACHLORIDE	3.370	117	154587	11.11	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	168290	10.35	UG/L		99
45) BENZENE	3.590	78	441815	10.61	UG/L		98
46) ISOBUTANOL	3.743	41	31779	82.45	UG/L	#	76
47) T-AMYLMETHYL ETHER	3.746	73	266590	10.29	UG/L		98

Data Path : X:\1\DATA\032112\
Data File : VC081005.D
Acq On : 21 Mar 2012 11:53 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

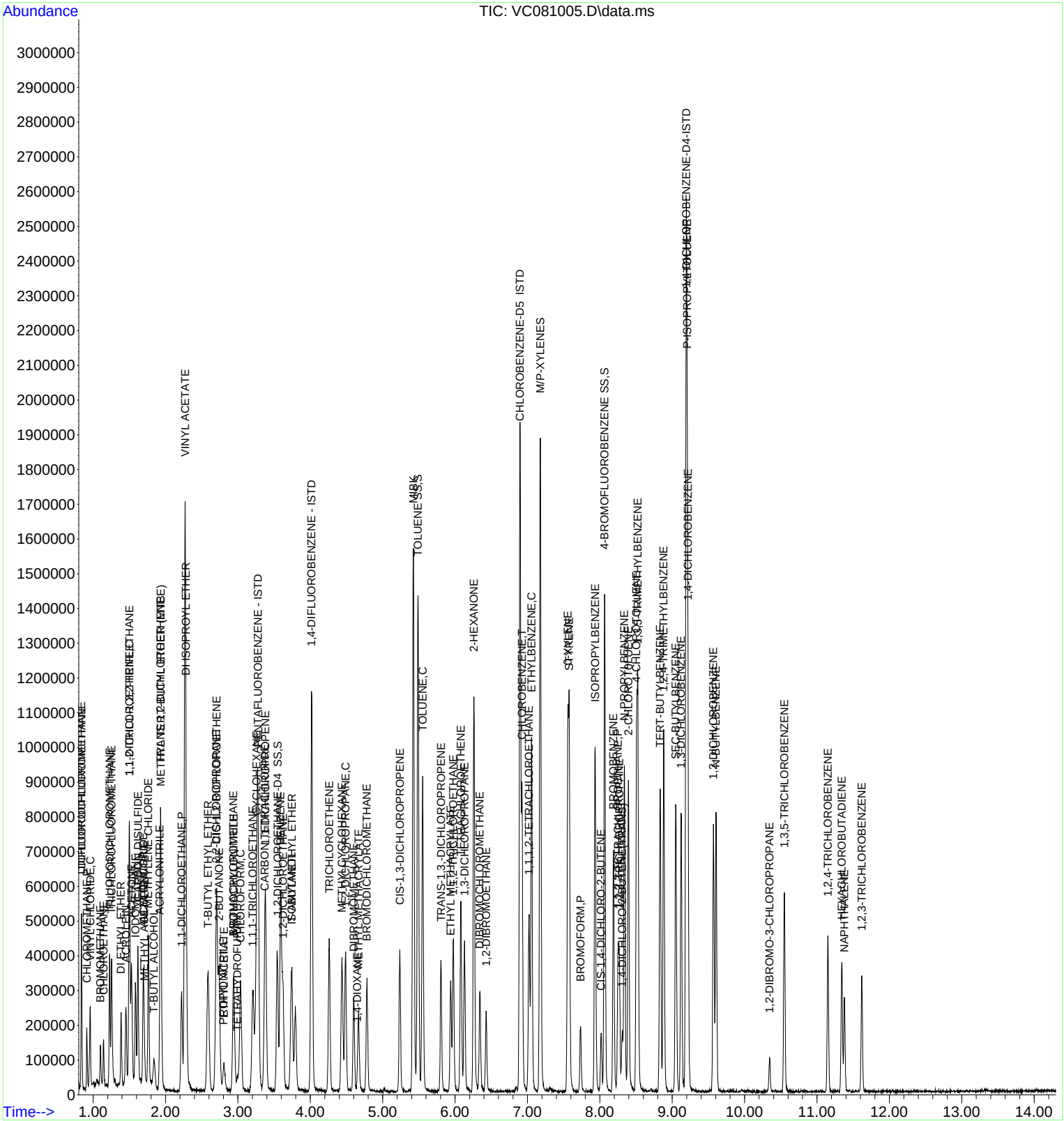
Quant Time: Mar 22 09:56:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) 1,2-DICHLOROETHANE	3.623	62	236344	11.04	UG/L		100
51) TRICHLOROETHENE	4.262	95	128328	10.98	UG/L		97
52) METHYLCYCLOHEXANE	4.438	83	139954	11.30	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	115982	10.88	UG/L		99
54) DIBROMOMETHANE	4.599	93	87574	11.39	UG/L		96
55) METHYL METHACRYLATE	4.666	41	77993	9.19	UG/L	#	84
56) 1,4-DIOXANE	4.650	88	7561m	129.86	UG/L		
57) BROMODICHLOROMETHANE	4.781	83	168498	10.49	UG/L		99
59) MIBK	5.425	43	778556	101.00	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	174948	11.03	UG/L	#	76
61) TOLUENE	5.553	91	515676	11.43	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	160905	12.78	UG/L		99
63) ETHYL METHACRYLATE	5.938	69	124184	5.52	UG/L		95
64) 1,1,2-TRICHLOROETHANE	5.974	97	108358	11.74	UG/L		98
65) 2-HEXANONE	6.261	43	552685	104.85	UG/L		100
66) TETRACHLOROETHENE	6.080	166	131526	11.90	UG/L		97
67) 1,3-DICHLOROPROPANE	6.130	76	184766	11.48	UG/L		100
68) DIBROMOCHLOROMETHANE	6.339	129	118729	11.75	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	111478	11.42	UG/L		96
72) CHLOROBENZENE	6.925	112	340723	11.61	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	105446	11.43	UG/L		98
74) ETHYLBENZENE	7.056	91	585339	11.00	UG/L		99
75) M/P-XYLENES	7.179	91	964214	22.85	UG/L		98
76) 0-XYLENE	7.558	91	482871	11.72	UG/L		98
77) STYRENE	7.578	104	385017	11.49	UG/L		97
78) BROMOFORM	7.734	173	69758	12.63	UG/L	#	94
79) ISOPROPYLBENZENE	7.935	105	556926	12.09	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	33612	8.30	UG/L		90
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	136073	11.85	UG/L	#	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	36562	10.14	UG/L	#	81
83) BROMOBENZENE	8.188	77	231577	10.54	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.269	75	111235	10.85	UG/L		97
85) N-PROPYLBENZENE	8.339	91	616354	12.01	UG/L		99
86) 2-CHLOROT0LUENE	8.395	91	421804	11.90	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	486655	11.25	UG/L		99
88) 4-CHLOROTOLUENE	8.506	91	497330	11.92	UG/L		100
90) TERT-BUTYLBENZENE	8.833	119	338756	11.17	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	491648	11.08	UG/L		99
92) SEC-BUTYLBENZENE	9.047	105	487524	11.48	UG/L		100
93) 1,3-DICHLOROBENZENE	9.123	146	251794	11.57	UG/L		98
94) P-ISOPROPYLTOLUENE	9.206	119	399402	11.14	UG/L		99
95) 1,4-DICHLOROBENZENE	9.217	146	274995	10.98	UG/L		97
96) N-BUTYLBENZENE	9.605	91	359093	11.07	UG/L		100
97) 1,2-DICHLOROBENZENE	9.569	146	252256	11.64	UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	22341	11.20	UG/L	#	65
99) 1,3,5-TRICHLOROBENZENE	10.550	180	145164	9.47	UG/L		94
100) 1,2,4-TRICHLOROBENZENE	11.153	180	108573	9.04	UG/L		99
101) HEXACHLOROBUTADIENE	11.345	225	61841	11.31	UG/L		95
102) NAPHTHALENE	11.379	128	159579	6.79	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	79409	8.67	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081005.D
Acq On : 21 Mar 2012 11:53 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 09:56:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BSD1	File ID:	VC081006.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 12:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	134	0.54	50	
107-13-1	Acrylonitrile	12.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.8	0.11	0.50	
71-43-2	Benzene	11.6	0.050	1.0	
108-86-1	Bromobenzene	11.6	0.10	1.0	
74-97-5	Bromochloromethane	10.3	0.10	1.0	
75-27-4	Bromodichloromethane	11.7	0.080	0.50	
75-25-2	Bromoform	13.8	0.25	1.0	L-07
74-83-9	Bromomethane	6.78	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	111	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	126	3.5	20	V-16
104-51-8	n-Butylbenzene	11.8	0.050	1.0	
135-98-8	sec-Butylbenzene	13.0	0.050	1.0	
98-06-6	tert-Butylbenzene	12.2	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.3	0.070	0.50	
75-15-0	Carbon Disulfide	10.4	0.050	2.0	
56-23-5	Carbon Tetrachloride	12.1	0.090	5.0	
108-90-7	Chlorobenzene	12.4	0.050	1.0	
124-48-1	Chlorodibromomethane	12.8	0.12	0.50	
75-00-3	Chloroethane	9.66	0.33	2.0	
67-66-3	Chloroform	12.1	0.040	2.0	
74-87-3	Chloromethane	8.84	0.13	2.0	
95-49-8	2-Chlorotoluene	12.5	0.050	1.0	
106-43-4	4-Chlorotoluene	12.4	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	11.0	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	12.9	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BSD1	File ID:	VC081006.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 12:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	12.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	12.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	12.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.4	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.82	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	8.95	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.9	0.090	1.0	
107-06-2	1,2-Dichloroethane	12.3	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.4	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.3	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.9	0.080	0.50	
594-20-7	2,2-Dichloropropane	12.0	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.7	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.2	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	14.1	0.12	0.50	L-07
60-29-7	Diethyl Ether	11.0	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	122	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	13.0	0.26	0.50	
591-78-6	2-Hexanone (MBK)	115	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	12.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	12.8	0.050	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048283-BSD1	File ID:	VC081006.D
Sampled:		Prepared:	03/21/12 04:15	Analyzed:	03/21/12 12:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048283	Sequence:	S002042	Calibration:	1200036
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.6	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	111	0.22	10	
91-20-3	Naphthalene	7.82	0.21	5.0	V-05
103-65-1	n-Propylbenzene	12.6	0.040	1.0	
100-42-5	Styrene	12.1	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	12.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.7	0.18	0.50	
127-18-4	Tetrachloroethylene	13.3	0.14	1.0	L-07
109-99-9	Tetrahydrofuran	11.2	1.0	10	
108-88-3	Toluene	12.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.92	0.22	5.0	V-05
120-82-1	1,2,4-Trichlorobenzene	9.77	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.6	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	12.0	0.080	1.0	
79-01-6	Trichloroethylene	11.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.0	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.5	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.8	0.060	1.0	
75-01-4	Vinyl Chloride	8.81	0.16	2.0	
108383/106423	m+p Xylene	24.1	0.070	2.0	
95-47-6	o-Xylene	12.6	0.050	1.0	

Data Path : X:\1\DATA\032112\
Data File : VC081006.D
Acq On : 21 Mar 2012 12:26 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 22 09:57:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	490515	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	738186	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	463783	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	409606	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	284119	22.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.08%				
49) TOLUENE SS	5.486	98	738214	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	352595	25.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	112425	8.95	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	128213	9.73	UG/L		95
5) CHLOROMETHANE	0.913	50	71719	8.84	UG/L		97
6) VINYL CHLORIDE	0.960	62	102663	8.81	UG/L		100
7) BROMOMETHANE	1.099	94	48763	6.78	UG/L		96
8) CHLOROETHANE	1.144	64	56171	9.66	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	203166	10.30	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	178300	10.24	UG/L		97
12) DI ETHYL ETHER	1.384	59	81277	10.98	UG/L		94
13) ACROLEIN	1.454	56	117897	2268.45	UG/L	#	1
14) ACETONE	1.529	43	286566	133.54	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	177238	10.37	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	97626	11.54	UG/L		99
17) IODOMETHANE	1.585	142	191673	16.68	UG/L		99
18) ACETONITRILE	1.696	41	115027	59.79	UG/L	#	78
19) ALLYL CHLORIDE	1.696	76	48214	8.26	UG/L		84
20) METHYL ACETATE	1.707	43	68155	6.62	UG/L		95
21) T-BUTYL ALCOHOL	1.838	59	75878	126.38	UG/L	#	100
22) ACRYLONITRILE	1.917	53	33996	12.44	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	154604	11.62	UG/L		91
24) CARBON DISULFIDE	1.618	76	301442	10.40	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	297675	12.83	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.933	61	180802	11.26	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	223542	11.87	UG/L		98
28) VINYL ACETATE	2.271	43	1849672	112.67	UG/L		99
29) DI ISOPROYL ETHER	2.285	45	282884	10.65	UG/L		97
31) 2-BUTANONE	2.739	43	360435	111.33	UG/L		98
32) T-BUTYL ETHYL ETHER	2.589	59	336975	11.34	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.706	61	207214	10.56	UG/L		99
34) 2,2-DICHLOROPROPANE	2.703	77	155001	11.99	UG/L	#	77
35) ETHYL ACETATE	2.803	43	77797	8.89	UG/L	#	80
36) PROPIONITRILE	2.801	54	8728	8.38	UG/L	#	91
37) METHACRYLONITRILE	2.943	41	50054	10.27	UG/L	#	66
38) BROMOCHLOROMETHANE	2.937	49	86668	10.28	UG/L		91
39) TETRAHYDROFURAN	2.996	42	20139m	11.16	UG/L		
40) CHLOROFORM	3.038	83	232142	12.06	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.210	97	202878	11.72	UG/L		98
42) CYCLOHEXANE	3.250	56	169195	10.88	UG/L	#	84
43) CARBON TETRACHLORIDE	3.372	117	154651	12.07	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	175096	11.70	UG/L		98
45) BENZENE	3.593	78	444097	11.58	UG/L		97
46) ISOBUTANOL	3.740	41	35348	99.63	UG/L	#	68
47) T-AMYLMETHYL ETHER	3.746	73	280507	11.76	UG/L		98

Data Path : X:\1\DATA\032112\
Data File : VC081006.D
Acq On : 21 Mar 2012 12:26 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

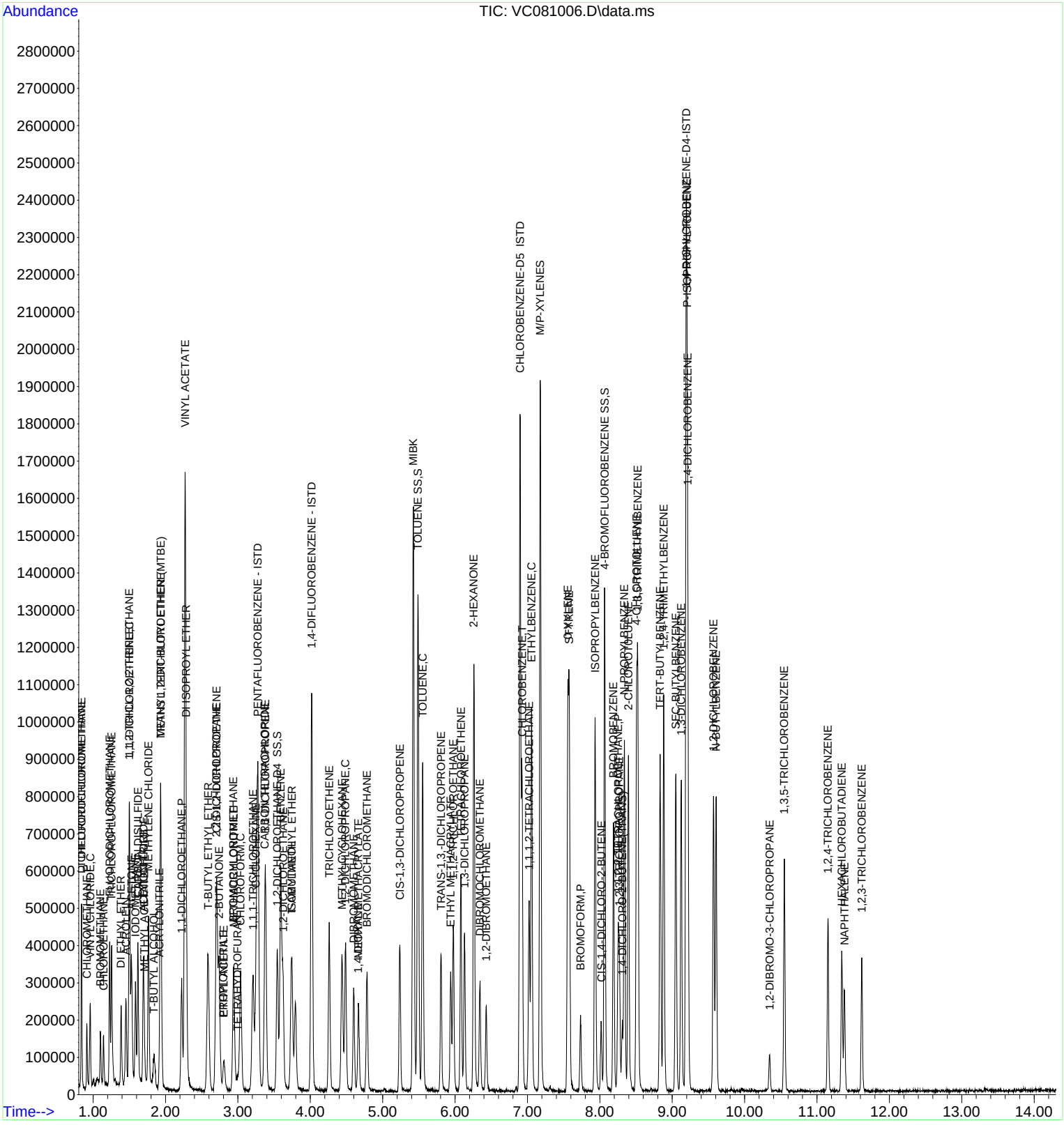
Quant Time: Mar 22 09:57:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
50) 1,2-DICHLOROETHANE	3.626	62	244861	12.34 UG/L	100
51) TRICHLOROETHENE	4.262	95	121239	11.20 UG/L	100
52) METHYLCYCLOHEXANE	4.437	83	142529	12.42 UG/L	92
53) 1,2-DICHLOROPROPANE	4.485	63	113473	11.49 UG/L	95
54) DIBROMOMETHANE	4.599	93	87594	12.29 UG/L	98
55) METHYL METHACRYLATE	4.663	41	78095	9.93 UG/L #	84
56) 1,4-DIOXANE	4.661	88	6557	121.54 UG/L #	82
57) BROMODICHLOROMETHANE	4.783	83	173892	11.68 UG/L	99
59) MIBK	5.422	43	795119	111.33 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.238	75	178587	12.15 UG/L	100
61) TOLUENE	5.553	91	511990	12.25 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	164328	14.09 UG/L	99
63) ETHYL METHACRYLATE	5.938	69	129237	6.20 UG/L	93
64) 1,1,2-TRICHLOROETHANE	5.974	97	102487	11.99 UG/L	96
65) 2-HEXANONE	6.258	43	561109	114.89 UG/L	96
66) TETRACHLOROETHENE	6.083	166	136531	13.33 UG/L	93
67) 1,3-DICHLOROPROPANE	6.130	76	176731	11.86 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	119698	12.78 UG/L	98
69) 1,2-DIBROMOETHANE	6.431	107	116848	12.92 UG/L	100
72) CHLOROBENZENE	6.928	112	345193	12.44 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.025	131	105585	12.11 UG/L	97
74) ETHYLBENZENE	7.056	91	594684	11.82 UG/L	98
75) M/P-XYLENES	7.176	91	960801	24.08 UG/L	99
76) 0-XYLENE	7.558	91	489429	12.57 UG/L	100
77) STYRENE	7.577	104	381944	12.06 UG/L	97
78) BROMOFORM	7.734	173	72058	13.80 UG/L	94
79) ISOPROPYLBENZENE	7.934	105	549831	12.63 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	33413	8.72 UG/L	89
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	138261	12.74 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	30089	8.82 UG/L	100
83) BROMOBENZENE	8.188	77	241659	11.64 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.269	75	116011	11.97 UG/L	99
85) N-PROPYLBENZENE	8.339	91	611856	12.61 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	419756	12.53 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	480531	11.75 UG/L	99
88) 4-CHLOROTOLUENE	8.509	91	489028	12.39 UG/L	99
90) TERT-BUTYLBENZENE	8.832	119	341845	12.21 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	484221	11.82 UG/L	98
92) SEC-BUTYLBENZENE	9.050	105	511368	13.04 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	257965	12.83 UG/L	98
94) P-ISOPROPYLTOLUENE	9.206	119	407919	12.33 UG/L	99
95) 1,4-DICHLOROBENZENE	9.214	146	263267	11.38 UG/L	97
96) N-BUTYLBENZENE	9.608	91	352109	11.75 UG/L	99
97) 1,2-DICHLOROBENZENE	9.571	146	256705	12.83 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	20325	11.04 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	150199	10.61 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	108344	9.77 UG/L	98
101) HEXACHLOROBUTADIENE	11.342	225	65469	12.96 UG/L	96
102) NAPHTHALENE	11.381	128	169610	7.82 UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.618	180	83964	9.92 UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032112\
Data File : VC081006.D
Acq On : 21 Mar 2012 12:26 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 22 09:57:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Mar 19 14:58:55 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

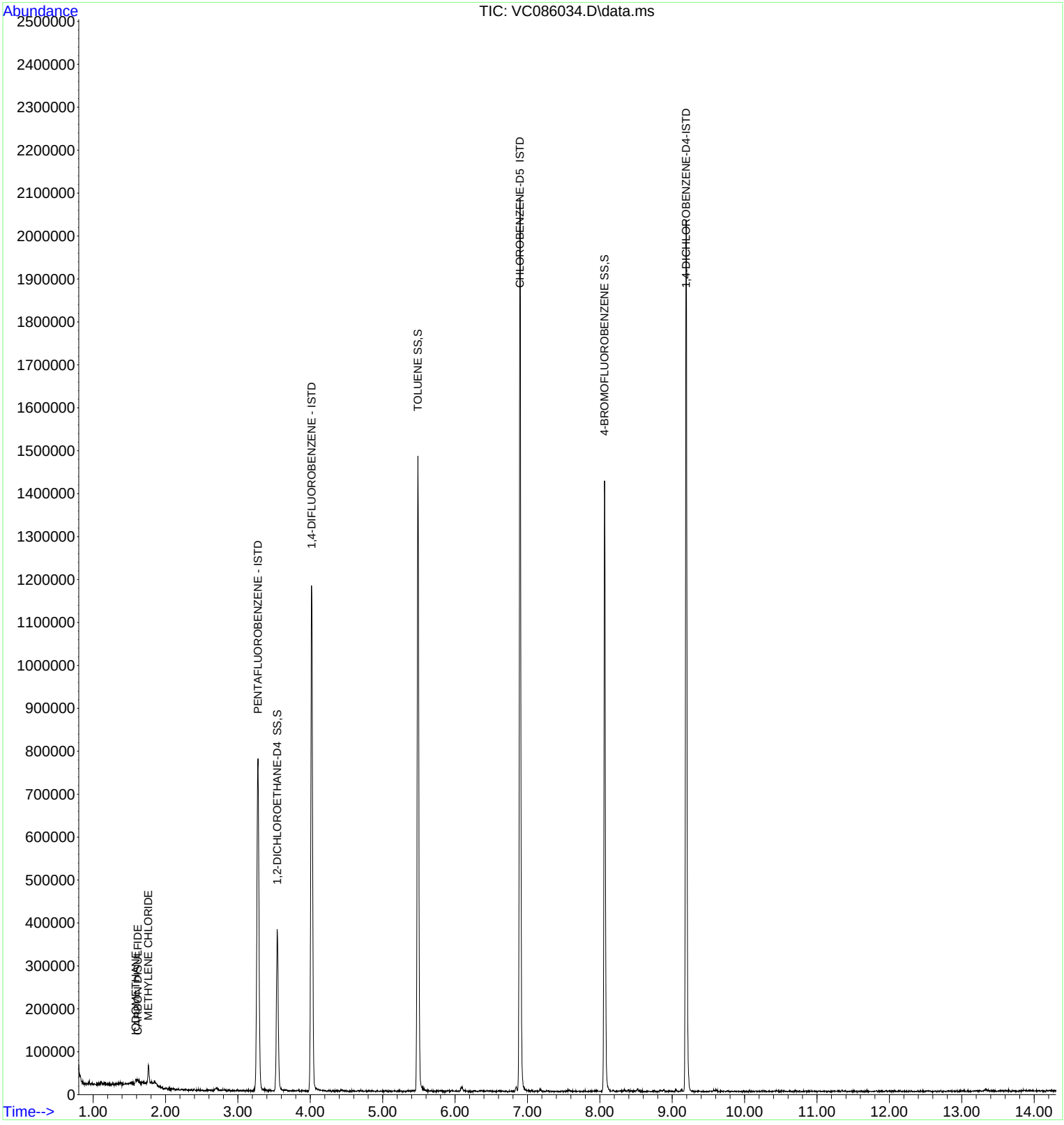
Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

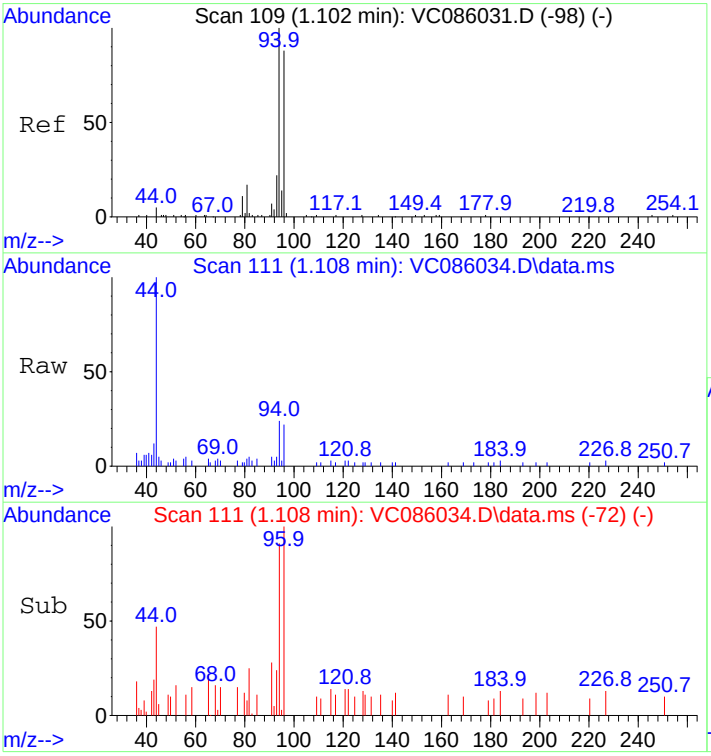
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	583399	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	919390	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488679	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	479968	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	238454	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
49) TOLUENE SS	5.486	98	849589	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	392626	24.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2255	Below Cal		97
17) IODOMETHANE	1.588	142	18573m	1.59	UG/L	
23) METHYLENE CHLORIDE	1.763	49	16724	1.38	UG/L	95
24) CARBON DISULFIDE	1.616	76	2556	0.14	UG/L #	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

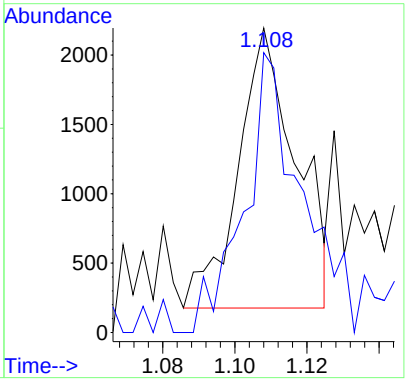


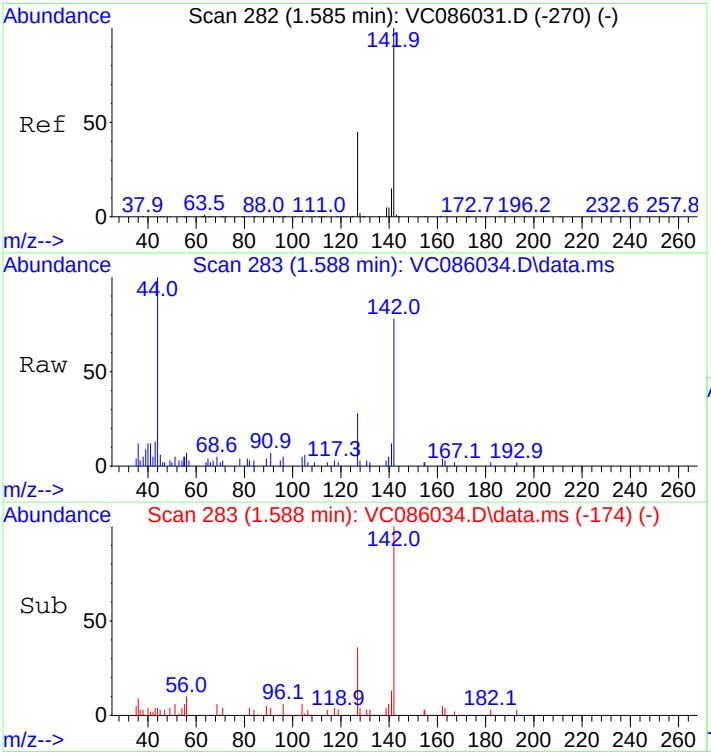


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 94 Resp: 2255

Ion	Ratio	Lower	Upper
94	100		
96	98.6	76.2	114.2

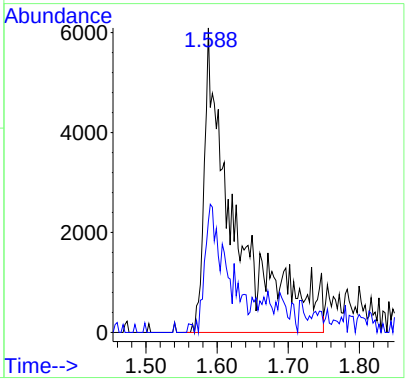


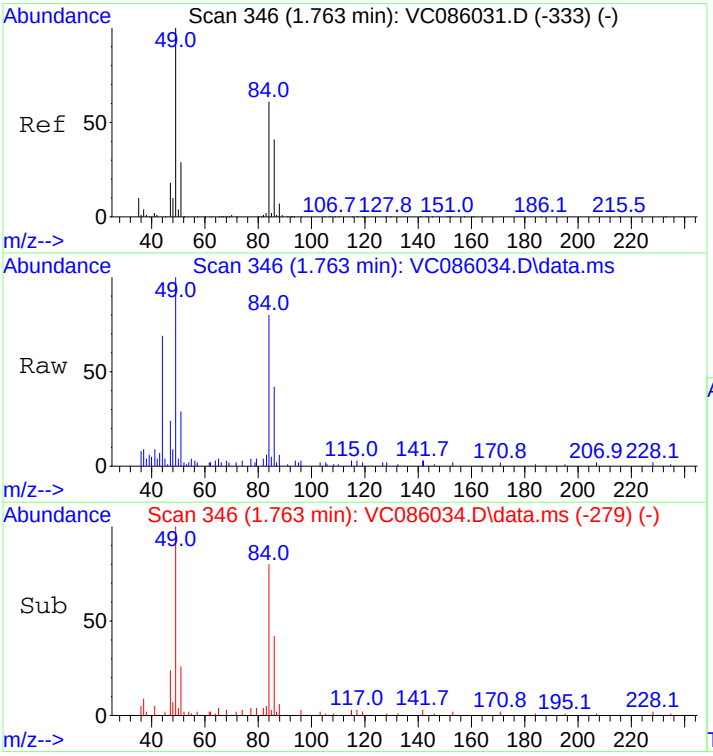


#17
IODOMETHANE
Concen: 1.59 UG/L m
RT: 1.588 min Scan# 283
Delta R.T. 0.004 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion:142 Resp: 18573

Ion	Ratio	Lower	Upper
142	100		
127	16.8	36.8	55.2#

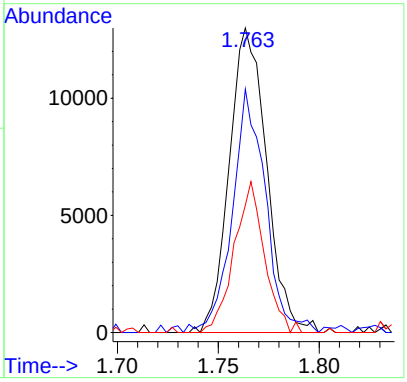


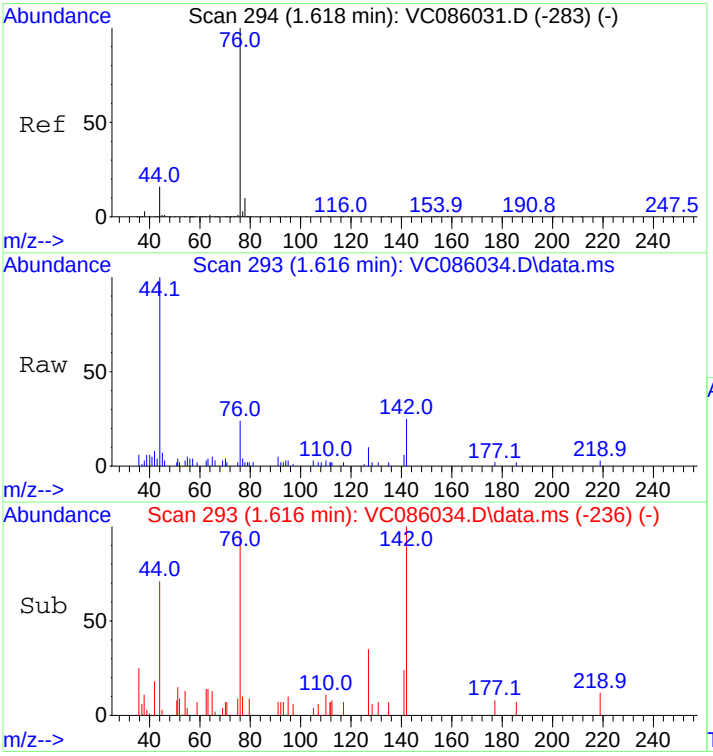


#23
METHYLENE CHLORIDE
Concen: 1.38 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 49 Resp: 16724

Ion	Ratio	Lower	Upper
49	100		
84	70.8	57.8	86.6
86	40.3	37.1	55.7

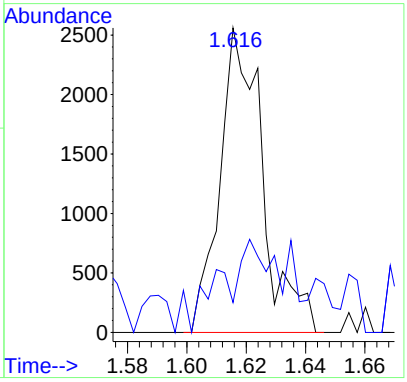




#24
CARBON DISULFIDE
Concen: 0.14 UG/L
RT: 1.616 min Scan# 293
Delta R.T. -0.005 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 76 Resp: 2556

Ion	Ratio	Lower	Upper
76	100		
78	20.1	0.0	0.0#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	109	0.54	50	
107-13-1	Acrylonitrile	9.51	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.9	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.91	0.080	0.50	
75-25-2	Bromoform	12.1	0.25	1.0	V-20
74-83-9	Bromomethane	7.55	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	96.5	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	78.3	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	11.0	0.050	1.0	
135-98-8	sec-Butylbenzene	11.4	0.050	1.0	
98-06-6	tert-Butylbenzene	11.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.0	0.070	0.50	
75-15-0	Carbon Disulfide	12.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.89	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	11.4	0.33	2.0	
67-66-3	Chloroform	10.7	0.040	2.0	
74-87-3	Chloromethane	14.5	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	11.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.5	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.21	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.4	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.36	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	18.4	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.7	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.6	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.85	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.6	0.12	0.50	
60-29-7	Diethyl Ether	9.42	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.7	0.030	0.50	
123-91-1	1,4-Dioxane	95.4	3.5	50	V-16
100-41-4	Ethylbenzene	10.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	2.0	
591-78-6	2-Hexanone (MBK)	98.7	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.3	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	95.4	0.22	10	
91-20-3	Naphthalene	8.27	0.21	2.0	
103-65-1	n-Propylbenzene	11.4	0.040	1.0	
100-42-5	Styrene	10.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.92	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	8.76	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.73	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.88	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.29	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.080	1.0	
79-01-6	Trichloroethylene	10.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.8	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.6	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.5	0.060	1.0	
75-01-4	Vinyl Chloride	10.9	0.16	2.0	
108383/106423	m+p Xylene	21.9	0.070	2.0	
95-47-6	o-Xylene	11.7	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

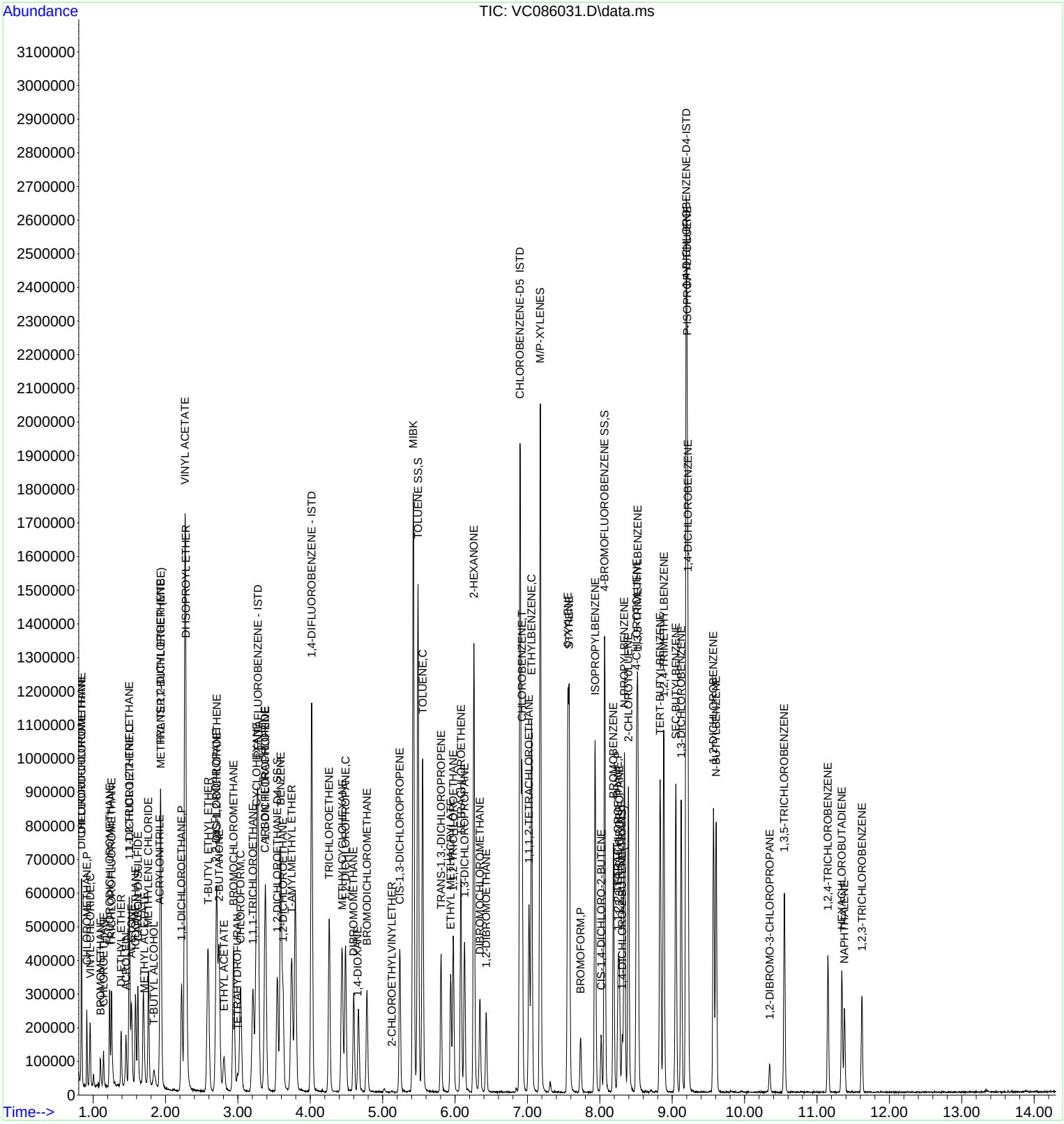
Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	121	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.0	0.10	1.0	
74-97-5	Bromochloromethane	10.6	0.10	1.0	
75-27-4	Bromodichloromethane	9.41	0.080	0.50	
75-25-2	Bromoform	12.6	0.25	1.0	V-20
74-83-9	Bromomethane	8.36	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	110	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.0	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	10.2	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.7	0.070	0.50	
75-15-0	Carbon Disulfide	11.3	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.17	0.090	5.0	
108-90-7	Chlorobenzene	10.8	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	10.6	0.33	2.0	
67-66-3	Chloroform	10.2	0.040	2.0	
74-87-3	Chloromethane	13.7	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	10.5	0.050	1.0	
106-43-4	4-Chlorotoluene	10.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.75	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.94	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.98	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	16.7	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.52	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.1	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.7	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.65	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.3	0.12	0.50	
60-29-7	Diethyl Ether	9.93	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.3	0.030	0.50	
123-91-1	1,4-Dioxane	93.7	3.5	50	V-16
100-41-4	Ethylbenzene	10.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.48	0.26	2.0	
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.7	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0539
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.6	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	109	0.22	10	
91-20-3	Naphthalene	9.04	0.21	2.0	
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	10.2	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	9.79	0.14	1.0	
109-99-9	Tetrahydrofuran	9.74	1.0	10	
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.47	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.82	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.69	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.1	0.080	1.0	
79-01-6	Trichloroethylene	10.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.85	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.2	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.97	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.75	0.060	1.0	
75-01-4	Vinyl Chloride	10.1	0.16	2.0	
108383/106423	m+p Xylene	20.4	0.070	2.0	
95-47-6	o-Xylene	10.9	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	595410	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	942826	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	498289	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	520398	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241216	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
49) TOLUENE SS	5.489	98	883300	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
71) 4-BROMOFLUOROBENZENE SS	8.063	95	410598	24.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	116656	16.68	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	184480	12.73	UG/L		96
5) CHLOROMETHANE	0.913	50	94323	13.67	UG/L		98
6) VINYL CHLORIDE	0.960	62	88684	10.08	UG/L		98
7) BROMOMETHANE	1.102	94	34799	8.36	UG/L		97
8) CHLOROETHANE	1.144	64	43526	10.56	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	144468	9.94	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	132874	9.85	UG/L		98
12) DI ETHYL ETHER	1.387	59	66132	9.93	UG/L		98
13) ACROLEIN	1.454	56	95676	87.76	UG/L		96
14) ACETONE	1.532	43	247519	121.08	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	121029	10.18	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	73654	11.16	UG/L		96
17) IODOMETHANE	1.585	142	182522	15.26	UG/L		95
20) METHYL ACETATE	1.707	43	75598	13.06	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	56729	91.96	UG/L		96
22) ACRYLONITRILE	1.919	53	52943	10.75	UG/L		98
23) METHYLENE CHLORIDE	1.766	49	131639	10.63	UG/L		96
24) CARBON DISULFIDE	1.618	76	219004	11.34	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	349831	11.68	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	195827	10.07	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	249694	10.43	UG/L		99
28) VINYL ACETATE	2.271	43	2522175	82.77	UG/L	#	94
29) DI ISOPROYL ETHER	2.285	45	496008	11.34	UG/L		91
31) 2-BUTANONE	2.739	43	601625	109.62	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	411836	10.73	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.709	61	221226	9.52	UG/L		100
34) 2,2-DICHLOROPROPANE	2.703	77	138999	8.61	UG/L		97
35) ETHYL ACETATE	2.809	43	134714	8.91	UG/L	#	93
38) BROMOCHLOROMETHANE	2.940	49	142389	10.57	UG/L		94
39) TETRAHYDROFURAN	2.996	42	34173	9.74	UG/L	#	87
40) CHLOROFORM	3.038	83	236087	10.22	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	207353	10.03	UG/L		97
42) CYCLOHEXANE	3.258	56	233927	10.58	UG/L		99
43) CARBON TETRACHLORIDE	3.372	117	153859	9.17	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	179271	10.56	UG/L		97
45) BENZENE	3.590	78	531195	10.41	UG/L		100
47) T-AMYLMETHYL ETHER	3.746	73	336060	10.54	UG/L		97
50) 1,2-DICHLOROETHANE	3.620	62	211358	10.72	UG/L		99
51) TRICHLOROETHENE	4.259	95	145874	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.435	83	159771	10.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143940	10.12	UG/L		99
54) DIBROMOMETHANE	4.599	93	93649	10.42	UG/L		96

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

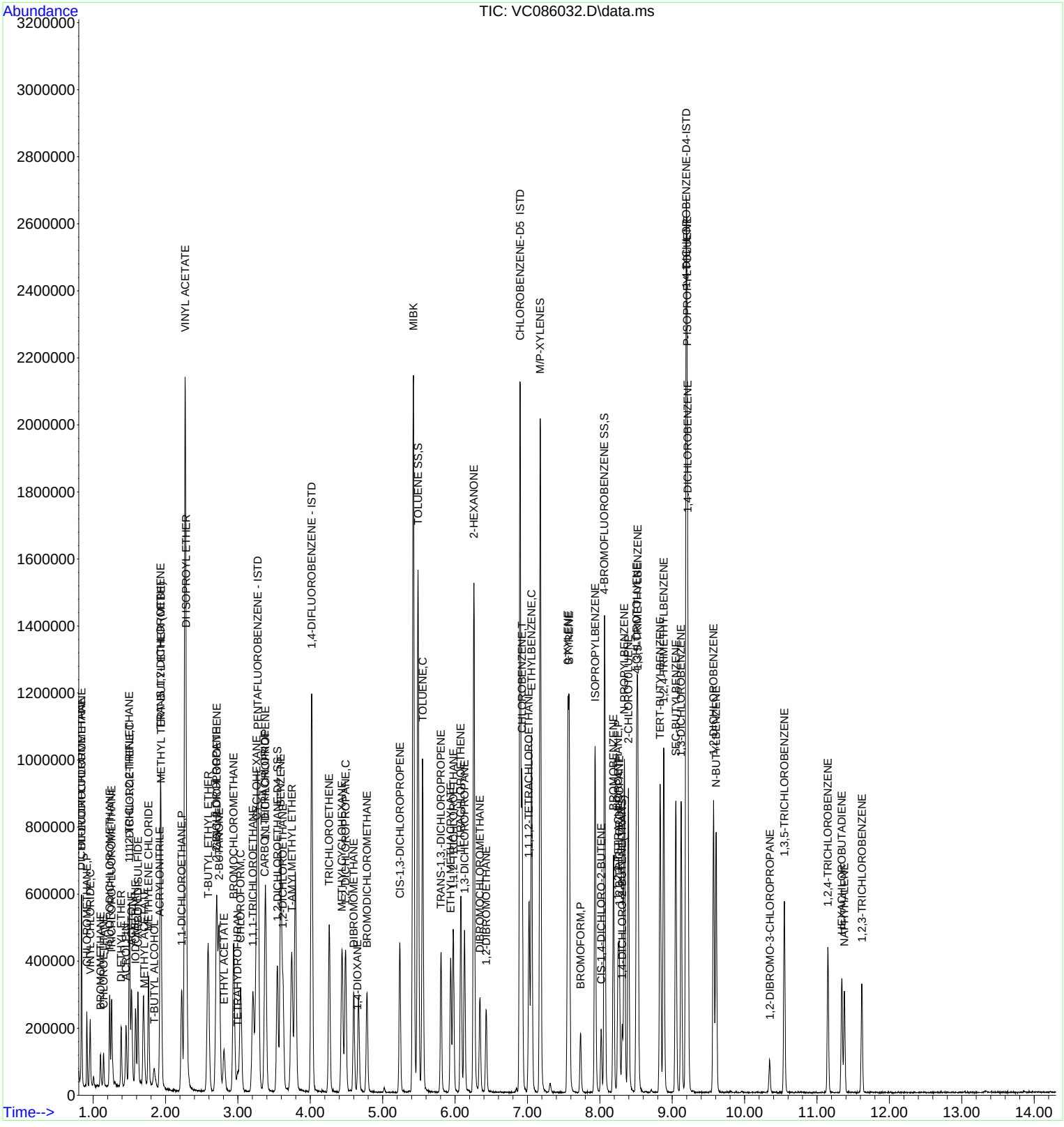
Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.652	88	8159m	93.70	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	161248	9.41	UG/L		100
59) MIBK	5.425	43	1316460	108.52	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.238	75	199265	9.65	UG/L		98
61) TOLUENE	5.553	91	595587	10.42	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	173170	10.29	UG/L		99
63) ETHYL METHACRYLATE	5.938	69	158516	9.70	UG/L		97
64) 1,1,2-TRICHLOROETHANE	5.977	97	125798	10.12	UG/L		98
65) 2-HEXANONE	6.261	43	878745	110.72	UG/L		95
66) TETRACHLOROETHENE	6.077	166	151256	9.79	UG/L		98
67) 1,3-DICHLOROPROPANE	6.133	76	209635	10.67	UG/L		98
68) DIBROMOCHLOROMETHANE	6.345	129	124188	11.38	UG/L		98
69) 1,2-DIBROMOETHANE	6.429	107	137891	10.68	UG/L		100
72) CHLOROBENZENE	6.925	112	417954	10.83	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	128571	10.18	UG/L		98
74) ETHYLBENZENE	7.056	91	649637	10.06	UG/L		98
75) M/P-XYLENES	7.176	91	1003055	20.41	UG/L		96
76) 0-XYLENE	7.558	91	531213	10.86	UG/L		98
77) STYRENE	7.578	104	431047	10.17	UG/L		97
78) BROMOFORM	7.734	173	67449	12.64	UG/L		98
79) ISOPROPYLBENZENE	7.935	105	594380	10.63	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	36428	7.51	UG/L	#	79
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	157426	10.81	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	39681	7.98	UG/L	#	84
83) BROMOBENZENE	8.188	77	243022	10.01	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	122412	10.87	UG/L		95
85) N-PROPYLBENZENE	8.339	91	670990	10.60	UG/L		98
86) 2-CHLOROT0LUENE	8.395	91	435802	10.49	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	485357	9.75	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	505667	10.73	UG/L		100
90) TERT-BUTYLBENZENE	8.832	119	396413	10.41	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	502492	9.97	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	532824	10.58	UG/L		99
93) 1,3-DICHLOROBENZENE	9.122	146	306626	10.77	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	454697	10.36	UG/L		99
95) 1,4-DICHLOROBENZENE	9.214	146	309285	9.94	UG/L		99
96) N-BUTYLBENZENE	9.608	91	371706	10.20	UG/L		98
97) 1,2-DICHLOROBENZENE	9.571	146	299440	10.81	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.349	75	16932	9.75	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	158073	8.69	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	111523	8.82	UG/L		98
101) HEXACHLOROBUTADIENE	11.342	225	62081	9.48	UG/L		99
102) NAPHTHALENE	11.378	128	191164	9.04	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	86010	9.47	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
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Quant Time: Mar 27 10:25:06 2012
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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Package

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 27, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale
Client Job Number:
Project Number: EN.002699.0025.06
Laboratory Work Order Number: 12C0572

Enclosed are results of analyses for samples received by the laboratory on March 20, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Charles W. Balicki
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0572

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-27-March 2012	12C0572-01	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
TB 31912-03	12C0572-02	Trip Blank Water		SW-846 8260C	
PW-8-Ch4-March 2012	12C0572-03	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
PW-8-Ch0-March-2012	12C0572-04	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
PW-8-Ch0-March-2012 2	12C0572-05	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
PW-11-Ch4-March-2012	12C0572-06	Ground Water		SW-846 8260C	
PW-11-Ch0-March-2012	12C0572-07	Ground Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0572

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
P2-14-March-2012	12C0572-08	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
RB-12319	12C0572-09	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

B048557-BS1, B048557-BSD1

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

Chloromethane, Dichlorodifluoromethane (Freon 12)

B048557-MS1, B048557-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

B048557-MSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane, tert-Butyl Alcohol (TBA), trans-1,4-Dichloro-2-butene

12C0572-01[MW-27-March 2012], 12C0572-02[TB 31912-03], 12C0572-03[PW-8-Ch4-March 2012], 12C0572-04[PW-8-Ch0-March-2012], 12C0572-05[PW-8-Ch0-March-2012 2], 12C0572-06[PW-11-Ch4-March-2012], 12C0572-07[PW-11-Ch0-March-2012], 12C0572-08[P2-14-March-2012], 12C0572-09[RB-12319], B048557-BLK1, B048557-BS1, B048557-BSD1, B048557-MS1, B048557-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

12C0572-01[MW-27-March 2012], 12C0572-02[TB 31912-03], 12C0572-03[PW-8-Ch4-March 2012], 12C0572-04[PW-8-Ch0-March-2012], 12C0572-05[PW-8-Ch0-March-2012 2], 12C0572-06[PW-11-Ch4-March-2012], 12C0572-07[PW-11-Ch0-March-2012], 12C0572-08[P2-14-March-2012], 12C0572-09[RB-12319], B048557-BLK1, B048557-BS1, B048557-BSD1, B048557-MS1, B048557-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromoform, Chloromethane, Dichlorodifluoromethane (Freon 12)

B048557-BS1, B048557-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: MW-27-March 2012 | Sampled: 3/19/2012 13:34

Sample ID: 12C0572-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 0:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 0:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2-Dichlorobenzene	1.2	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,4-Dichlorobenzene	1.3	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: MW-27-March 2012 | Sampled: 3/19/2012 13:34

Sample ID: 12C0572-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Tetrachloroethylene	6.3	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 0:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	101	70-130		3/27/12	0:54
Toluene-d8	100	70-130		3/27/12	0:54
4-Bromofluorobenzene	97.2	70-130		3/27/12	0:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: MW-27-March 2012 | Sampled: 3/19/2012 13:34

Sample ID: 12C0572-01

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:02	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:02	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:02	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: MW-27-March 2012 | Sampled: 3/19/2012 13:34

Sample ID: 12C0572-01

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	0.073	0.050	mg/L	1		SW-846 6010C	3/21/12	3/21/12 13:27	KSH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: MW-27-March 2012 | Sampled: 3/19/2012 13:34

Sample ID: 12C0572-01

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	6.3	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 8:25	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/20/12	3/20/12 18:00	AED
Sulfate	24	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.5	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: TB 31912-03 | Sampled: 3/19/2012 07:30

Sample ID: 12C0572-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 22:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/26/12 22:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: TB 31912-03 | Sampled: 3/19/2012 07:30

Sample ID: 12C0572-02

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 22:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	96.0	70-130		3/26/12 22:54
Toluene-d8	101	70-130		3/26/12 22:54
4-Bromofluorobenzene	95.7	70-130		3/26/12 22:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch4-March 2012 | Sampled: 3/19/2012 08:47

Sample ID: 12C0572-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 1:24	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 1:24	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch4-March 2012 | Sampled: 3/19/2012 08:47

Sample ID: 12C0572-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:24	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		3/27/12 1:24
Toluene-d8	99.6	70-130		3/27/12 1:24
4-Bromofluorobenzene	98.2	70-130		3/27/12 1:24

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch4-March 2012 | Sampled: 3/19/2012 08:47

Sample ID: 12C0572-03

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:16	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:16	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:16	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch4-March 2012 | Sampled: 3/19/2012 08:47

Sample ID: 12C0572-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	2.0	0.050	mg/L	1		SW-846 6010C	3/21/12	3/21/12 12:58	KSH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch4-March 2012 | Sampled: 3/19/2012 08:47

Sample ID: 12C0572-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	1.9	1.0	mg/L	5		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	3.1	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 8:25	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/20/12	3/20/12 18:00	AED
Sulfate	23	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.1	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 | Sampled: 3/19/2012 09:45

Sample ID: 12C0572-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 1:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 1:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
cis-1,2-Dichloroethylene	3.4	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 | Sampled: 3/19/2012 09:45

Sample ID: 12C0572-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Tetrachloroethylene	18	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Trichloroethylene	3.1	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 1:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		3/27/12 1:54
Toluene-d8	101	70-130		3/27/12 1:54
4-Bromofluorobenzene	96.0	70-130		3/27/12 1:54

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 | Sampled: 3/19/2012 09:45

Sample ID: 12C0572-04

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:29	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:29	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:29	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 | Sampled: 3/19/2012 09:45

Sample ID: 12C0572-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	ND	0.050	mg/L	1		SW-846 6010C	3/21/12	3/21/12 13:47	KSH

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Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 | Sampled: 3/19/2012 09:45

Sample ID: 12C0572-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	2.6	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 8:25	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/20/12	3/20/12 18:00	AED
Sulfate	40	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.2	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 2 | Sampled: 3/19/2012 09:48

Sample ID: 12C0572-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 2:24	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 2:24	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
cis-1,2-Dichloroethylene	3.6	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 2 | Sampled: 3/19/2012 09:48

Sample ID: 12C0572-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Tetrachloroethylene	18	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Trichloroethylene	3.3	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:24	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		3/27/12 2:24
Toluene-d8	100	70-130		3/27/12 2:24
4-Bromofluorobenzene	95.9	70-130		3/27/12 2:24

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 2 | Sampled: 3/19/2012 09:48

Sample ID: 12C0572-05

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:41	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:41	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:41	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 2 | Sampled: 3/19/2012 09:48

Sample ID: 12C0572-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	ND	0.050	mg/L	1		SW-846 6010C	3/21/12	3/21/12 13:52	KSH

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Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-8-Ch0-March-2012 2 | Sampled: 3/19/2012 09:48

Sample ID: 12C0572-05

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	2.6	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 8:25	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/20/12	3/20/12 18:00	AED
Sulfate	30	4.0	mg/L	2		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.1	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-11-Ch4-March-2012 | Sampled: 3/19/2012 11:17

Sample ID: 12C0572-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 2:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 2:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-11-Ch4-March-2012 | Sampled: 3/19/2012 11:17

Sample ID: 12C0572-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 2:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		3/27/12 2:54
Toluene-d8	99.8	70-130		3/27/12 2:54
4-Bromofluorobenzene	96.8	70-130		3/27/12 2:54

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-11-Ch0-March-2012 | Sampled: 3/19/2012 11:50

Sample ID: 12C0572-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 3:25	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 3:25	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: PW-11-Ch0-March-2012 | Sampled: 3/19/2012 11:50

Sample ID: 12C0572-07

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:25	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		3/27/12 3:25
Toluene-d8	101	70-130		3/27/12 3:25
4-Bromofluorobenzene	97.0	70-130		3/27/12 3:25

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: P2-14-March-2012 | Sampled: 3/19/2012 15:22

Sample ID: 12C0572-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 3:55	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 3:55	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
cis-1,2-Dichloroethylene	3.4	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: P2-14-March-2012 | Sampled: 3/19/2012 15:22

Sample ID: 12C0572-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Methyl tert-Butyl Ether (MTBE)	1.6	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Tetrachloroethylene	3.6	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Trichloroethylene	18	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 3:55	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		3/27/12 3:55
Toluene-d8	99.9	70-130		3/27/12 3:55
4-Bromofluorobenzene	98.7	70-130		3/27/12 3:55

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: P2-14-March-2012 | Sampled: 3/19/2012 15:22

Sample ID: 12C0572-08

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:53	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:53	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/26/12	3/26/12 16:53	WSD

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Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: P2-14-March-2012 | Sampled: 3/19/2012 15:22

Sample ID: 12C0572-08

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	ND	0.050	mg/L	1		SW-846 6010C	3/21/12	3/21/12 13:56	KSH

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Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: P2-14-March-2012 | Sampled: 3/19/2012 15:22

Sample ID: 12C0572-08

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	3.9	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 8:25	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/20/12	3/20/12 18:00	AED
Sulfate	26	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.2	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: RB-12319 | Sampled: 3/19/2012 17:00

Sample ID: 12C0572-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 23:54	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/26/12 23:54	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0572

Date Received: 3/20/2012

Field Sample #: RB-12319 | Sampled: 3/19/2012 17:00

Sample ID: 12C0572-09

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:54	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		3/26/12 23:54
Toluene-d8	101	70-130		3/26/12 23:54
4-Bromofluorobenzene	96.7	70-130		3/26/12 23:54

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

3810/RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048643	1.00	1.00	03/26/12
12C0572-03 [PW-8-Ch4-March 2012]	B048643	1.00	1.00	03/26/12
12C0572-04 [PW-8-Ch0-March-2012]	B048643	1.00	1.00	03/26/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048643	1.00	1.00	03/26/12
12C0572-08 [P2-14-March-2012]	B048643	1.00	1.00	03/26/12

ASTM D516-90, 02

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048577	100	100	03/26/12
12C0572-03 [PW-8-Ch4-March 2012]	B048577	100	100	03/26/12
12C0572-04 [PW-8-Ch0-March-2012]	B048577	100	100	03/26/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048577	50.0	100	03/26/12
12C0572-08 [P2-14-March-2012]	B048577	100	100	03/26/12

SM 18-20 4500 NO2 B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048302	50.0	50.0	03/21/12
12C0572-03 [PW-8-Ch4-March 2012]	B048302	50.0	50.0	03/21/12
12C0572-04 [PW-8-Ch0-March-2012]	B048302	50.0	50.0	03/21/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048302	50.0	50.0	03/21/12
12C0572-08 [P2-14-March-2012]	B048302	50.0	50.0	03/21/12

Prep Method: SM 4500 NO3-F-SM 18-20 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048564	25.0	25.0	03/26/12
12C0572-03 [PW-8-Ch4-March 2012]	B048564	25.0	25.0	03/26/12
12C0572-04 [PW-8-Ch0-March-2012]	B048564	25.0	25.0	03/26/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048564	25.0	25.0	03/26/12
12C0572-08 [P2-14-March-2012]	B048564	25.0	25.0	03/26/12

SM 18-20 4500 P E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048238	50.0	50.0	03/20/12
12C0572-03 [PW-8-Ch4-March 2012]	B048238	50.0	50.0	03/20/12
12C0572-04 [PW-8-Ch0-March-2012]	B048238	50.0	50.0	03/20/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048238	50.0	50.0	03/20/12
12C0572-08 [P2-14-March-2012]	B048238	50.0	50.0	03/20/12

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048633	50.0	50.0	03/23/12
12C0572-03 [PW-8-Ch4-March 2012]	B048633	50.0	50.0	03/23/12
12C0572-04 [PW-8-Ch0-March-2012]	B048633	50.0	50.0	03/23/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048633	50.0	50.0	03/23/12

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Sample Extraction Data

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-08 [P2-14-March-2012]	B048633	50.0	50.0	03/23/12

SM18-20 3500 Fe D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048508	50.0	50.0	03/22/12
12C0572-03 [PW-8-Ch4-March 2012]	B048508	50.0	50.0	03/22/12
12C0572-04 [PW-8-Ch0-March-2012]	B048508	50.0	50.0	03/22/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048508	50.0	50.0	03/22/12
12C0572-08 [P2-14-March-2012]	B048508	50.0	50.0	03/22/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048251	50.0	50.0	03/21/12
12C0572-03 [PW-8-Ch4-March 2012]	B048251	50.0	50.0	03/21/12
12C0572-04 [PW-8-Ch0-March-2012]	B048251	50.0	50.0	03/21/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048251	50.0	50.0	03/21/12
12C0572-08 [P2-14-March-2012]	B048251	50.0	50.0	03/21/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0572-01 [MW-27-March 2012]	B048557	5	5.00	03/26/12
12C0572-02 [TB 31912-03]	B048557	5	5.00	03/26/12
12C0572-03 [PW-8-Ch4-March 2012]	B048557	5	5.00	03/26/12
12C0572-04 [PW-8-Ch0-March-2012]	B048557	5	5.00	03/26/12
12C0572-05 [PW-8-Ch0-March-2012 2]	B048557	5	5.00	03/26/12
12C0572-06 [PW-11-Ch4-March-2012]	B048557	5	5.00	03/26/12
12C0572-07 [PW-11-Ch0-March-2012]	B048557	5	5.00	03/26/12
12C0572-08 [P2-14-March-2012]	B048557	5	5.00	03/26/12
12C0572-09 [RB-12319]	B048557	5	5.00	03/26/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B										
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	2.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B											
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.9	70-130				
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12							
Acetone	109	50	µg/L	100		109	70-160				†
Acrylonitrile	9.51	5.0	µg/L	10.0		95.1	70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105	70-130				
Benzene	10.9	1.0	µg/L	10.0		109	70-130				
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130				
Bromodichloromethane	9.91	0.50	µg/L	10.0		99.1	70-130				
Bromoform	12.1	1.0	µg/L	10.0		121	70-130			V-20	
Bromomethane	7.55	2.0	µg/L	10.0		75.5	40-160			V-05	†
2-Butanone (MEK)	96.5	20	µg/L	100		96.5	40-160				†
tert-Butyl Alcohol (TBA)	78.3	20	µg/L	100		78.3	40-160			V-05, V-16	†
n-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
sec-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
tert-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.0	0.50	µg/L	10.0		110	70-130				
Carbon Disulfide	12.2	2.0	µg/L	10.0		122	70-130				
Carbon Tetrachloride	9.89	5.0	µg/L	10.0		98.9	70-130				
Chlorobenzene	11.2	1.0	µg/L	10.0		112	70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114	70-130				
Chloroethane	11.4	2.0	µg/L	10.0		114	70-130				
Chloroform	10.7	2.0	µg/L	10.0		107	70-130				
Chloromethane	14.5	2.0	µg/L	10.0		145	40-160			V-20	†
2-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12								
4-Chlorotoluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.21	5.0	µg/L	10.0		92.1		70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130				
trans-1,4-Dichloro-2-butene	7.36	2.0	µg/L	10.0		73.6		70-130			V-05	
Dichlorodifluoromethane (Freon 12)	18.4	2.0	µg/L	10.0		**184**	*	40-160			L-02, V-20	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130				
2,2-Dichloropropane	9.61	1.0	µg/L	10.0		96.1		40-130				†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109		70-130				
cis-1,3-Dichloropropene	9.85	0.50	µg/L	10.0		98.5		70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130				
Diethyl Ether	9.42	2.0	µg/L	10.0		94.2		70-130				
Diisopropyl Ether (DIPE)	11.7	0.50	µg/L	10.0		117		70-130				
1,4-Dioxane	95.4	50	µg/L	100		95.4		40-130			V-16	†
Ethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Hexachlorobutadiene	10.1	2.0	µg/L	10.0		101		70-130				
2-Hexanone (MBK)	98.7	10	µg/L	100		98.7		70-160				†
Isopropylbenzene (Cumene)	11.4	1.0	µg/L	10.0		114		70-130				
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113		70-130				
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112		70-130				
Methylene Chloride	11.3	5.0	µg/L	10.0		113		70-130				
4-Methyl-2-pentanone (MIBK)	95.4	10	µg/L	100		95.4		70-160				†
Naphthalene	8.27	2.0	µg/L	10.0		82.7		40-130				†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
Styrene	10.9	1.0	µg/L	10.0		109		70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106		70-130				
1,1,2,2-Tetrachloroethane	9.92	0.50	µg/L	10.0		99.2		70-130				
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
Tetrahydrofuran	8.76	10	µg/L	10.0		87.6		70-130				
Toluene	11.1	1.0	µg/L	10.0		111		70-130				
1,2,3-Trichlorobenzene	8.73	5.0	µg/L	10.0		87.3		70-130				
1,2,4-Trichlorobenzene	8.88	1.0	µg/L	10.0		88.8		70-130				
1,3,5-Trichlorobenzene	9.29	1.0	µg/L	10.0		92.9		70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107		70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.0		118		70-130				
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
1,3,5-Trimethylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Vinyl Chloride	10.9	2.0	µg/L	10.0		109		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12								
m+p Xylene	21.9	2.0	µg/L	20.0		110		70-130				
o-Xylene	11.7	1.0	µg/L	10.0		117		70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.9		70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4		70-130				
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12								
Acetone	121	50	µg/L	100		121		70-160	10.7	25		†
Acrylonitrile	10.8	5.0	µg/L	10.0		108		70-130	12.2	25		
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130	0.0949	25		
Benzene	10.4	1.0	µg/L	10.0		104		70-130	4.96	25		
Bromobenzene	10.0	1.0	µg/L	10.0		100		70-130	6.57	25		
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130	3.99	25		
Bromodichloromethane	9.41	0.50	µg/L	10.0		94.1		70-130	5.18	25		
Bromoform	12.6	1.0	µg/L	10.0		126		70-130	4.45	25	V-20	
Bromomethane	8.36	2.0	µg/L	10.0		83.6		40-160	10.2	25	V-05	†
2-Butanone (MEK)	110	20	µg/L	100		110		40-160	12.7	25		†
tert-Butyl Alcohol (TBA)	92.0	20	µg/L	100		92.0		40-160	16.1	25	V-05, V-16	†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130	7.55	25		
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	7.81	25		
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	8.73	25		
tert-Butyl Ethyl Ether (TBEE)	10.7	0.50	µg/L	10.0		107		70-130	2.03	25		
Carbon Disulfide	11.3	2.0	µg/L	10.0		113		70-130	7.72	25		
Carbon Tetrachloride	9.17	5.0	µg/L	10.0		91.7		70-130	7.56	25		
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	3.36	25		
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130	0.0878	25		
Chloroethane	10.6	2.0	µg/L	10.0		106		70-130	7.47	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	4.31	25		
Chloromethane	13.7	2.0	µg/L	10.0		137		40-160	5.82	25	V-20	†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	5.83	25		
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130	6.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.75	5.0	µg/L	10.0		97.5		70-130	5.70	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130	2.18	25		
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130	0.385	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.27	25		
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.73	25		
1,4-Dichlorobenzene	9.94	1.0	µg/L	10.0		99.4		70-130	6.80	25		
trans-1,4-Dichloro-2-butene	7.98	2.0	µg/L	10.0		79.8		70-130	8.08	25	V-05	
Dichlorodifluoromethane (Freon 12)	16.7	2.0	µg/L	10.0		**167**	*	40-160	9.81	25	L-02, V-20	†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	5.77	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130	1.79	25		
1,1-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130	9.18	25		
cis-1,2-Dichloroethylene	9.52	1.0	µg/L	10.0		95.2		70-130	7.09	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	6.16	25		
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101		70-130	4.63	25		
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107		70-130	0.470	25		
2,2-Dichloropropane	8.61	1.0	µg/L	10.0		86.1		40-130	11.0	25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130	3.44	25		
cis-1,3-Dichloropropene	9.65	0.50	µg/L	10.0		96.5		70-130	2.05	25		
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130	3.25	25		
Diethyl Ether	9.93	2.0	µg/L	10.0		99.3		70-130	5.27	25		
Diisopropyl Ether (DIPE)	11.3	0.50	µg/L	10.0		113		70-130	3.21	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B											
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12							
1,4-Dioxane	93.7	50	µg/L	100		93.7	40-130	1.84	50	V-16	† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	6.35	25		
Hexachlorobutadiene	9.48	2.0	µg/L	10.0		94.8	70-130	5.94	25		
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	11.4	25		†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106	70-130	7.08	25		
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130	8.59	25		
Methyl tert-Butyl Ether (MTBE)	11.7	1.0	µg/L	10.0		117	70-130	4.64	25		
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130	6.38	25		
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100		109	70-160	12.9	25		†
Naphthalene	9.04	2.0	µg/L	10.0		90.4	40-130	8.90	25		†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	7.45	25		
Styrene	10.2	1.0	µg/L	10.0		102	70-130	6.75	25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	4.23	25		
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130	8.59	25		
Tetrachloroethylene	9.79	1.0	µg/L	10.0		97.9	70-130	9.72	25		
Tetrahydrofuran	9.74	10	µg/L	10.0		97.4	70-130	10.6	25		
Toluene	10.4	1.0	µg/L	10.0		104	70-130	6.05	25		
1,2,3-Trichlorobenzene	9.47	5.0	µg/L	10.0		94.7	70-130	8.13	25		
1,2,4-Trichlorobenzene	8.82	1.0	µg/L	10.0		88.2	70-130	0.678	25		
1,3,5-Trichlorobenzene	8.69	1.0	µg/L	10.0		86.9	70-130	6.67	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.29	25		
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	3.50	25		
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	6.86	25		
Trichlorofluoromethane (Freon 11)	9.85	2.0	µg/L	10.0		98.5	70-130	8.18	25		
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130	7.24	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	1.0	µg/L	10.0		112	70-130	5.74	25		
1,2,4-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130	6.31	25		
1,3,5-Trimethylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130	7.12	25		
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	40-160	7.45	25		†
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130	7.04	25		
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	7.28	25		
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.4	70-130				
Matrix Spike (B048557-MS1)		**Source: 12C0572-03**		Prepared: 03/26/12 Analyzed: 03/27/12							
Acetone	97.4	50	µg/L	100	ND	97.4	70-130				
Acrylonitrile	11.1	5.0	µg/L	10.0	ND	111	70-130				
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0	ND	102	70-130				
Benzene	11.0	1.0	µg/L	10.0	ND	110	70-130				
Bromobenzene	10.2	1.0	µg/L	10.0	ND	102	70-130				
Bromochloromethane	11.3	1.0	µg/L	10.0	ND	113	70-130				
Bromodichloromethane	9.33	0.50	µg/L	10.0	ND	93.3	70-130				
Bromoform	11.7	1.0	µg/L	10.0	ND	117	70-130				
Bromomethane	9.43	2.0	µg/L	10.0	ND	94.3	70-130			V-05	
2-Butanone (MEK)	108	20	µg/L	100	ND	108	70-130				
tert-Butyl Alcohol (TBA)	91.6	20	µg/L	100	ND	91.6	70-130			V-05, V-16	
n-Butylbenzene	10.6	1.0	µg/L	10.0	ND	106	70-130				
sec-Butylbenzene	11.3	1.0	µg/L	10.0	ND	113	70-130				
tert-Butylbenzene	11.1	1.0	µg/L	10.0	ND	111	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0	ND	106	70-130				
Carbon Disulfide	12.2	2.0	µg/L	10.0	0.160	120	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B											
Matrix Spike (B048557-MS1)	**Source: 12C0572-03**			Prepared: 03/26/12 Analyzed: 03/27/12							
Carbon Tetrachloride	9.47	5.0	µg/L	10.0	ND	94.7		70-130			
Chlorobenzene	11.0	1.0	µg/L	10.0	ND	110		70-130			
Chlorodibromomethane	10.5	0.50	µg/L	10.0	ND	105		70-130			
Chloroethane	11.4	2.0	µg/L	10.0	ND	114		70-130			
Chloroform	11.0	2.0	µg/L	10.0	0.180	109		70-130			
Chloromethane	14.2	2.0	µg/L	10.0	ND	**142**	*	70-130			MS-15
2-Chlorotoluene	11.0	1.0	µg/L	10.0	ND	110		70-130			
4-Chlorotoluene	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.70	5.0	µg/L	10.0	ND	97.0		70-130			
1,2-Dibromoethane (EDB)	10.6	0.50	µg/L	10.0	ND	106		70-130			
Dibromomethane	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2-Dichlorobenzene	10.9	1.0	µg/L	10.0	ND	109		70-130			
1,3-Dichlorobenzene	11.0	1.0	µg/L	10.0	ND	110		70-130			
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0	ND	102		70-130			
trans-1,4-Dichloro-2-butene	7.44	2.0	µg/L	10.0	ND	74.4		70-130			V-05
Dichlorodifluoromethane (Freon 12)	18.5	2.0	µg/L	10.0	ND	**185**	*	70-130			MS-15
1,1-Dichloroethane	11.0	1.0	µg/L	10.0	ND	110		70-130			
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130			
1,1-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111		70-130			
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0	ND	102		70-130			
trans-1,2-Dichloroethylene	11.1	1.0	µg/L	10.0	ND	111		70-130			
1,2-Dichloropropane	10.5	1.0	µg/L	10.0	ND	105		70-130			
1,3-Dichloropropane	10.8	0.50	µg/L	10.0	ND	108		70-130			
2,2-Dichloropropane	8.53	1.0	µg/L	10.0	ND	85.3		70-130			
1,1-Dichloropropene	11.6	2.0	µg/L	10.0	ND	116		70-130			
cis-1,3-Dichloropropene	9.52	0.50	µg/L	10.0	ND	95.2		70-130			
trans-1,3-Dichloropropene	9.85	0.50	µg/L	10.0	ND	98.5		70-130			
Diethyl Ether	9.87	2.0	µg/L	10.0	ND	98.7		70-130			
Diisopropyl Ether (DIPE)	11.9	0.50	µg/L	10.0	ND	119		70-130			
1,4-Dioxane	87.8	50	µg/L	100	ND	87.8		70-130			V-16
Ethylbenzene	10.8	1.0	µg/L	10.0	ND	108		70-130			
Hexachlorobutadiene	9.19	0.50	µg/L	10.0	ND	91.9		70-130			
2-Hexanone (MBK)	112	10	µg/L	100	ND	112		70-130			
Isopropylbenzene (Cumene)	11.3	1.0	µg/L	10.0	ND	113		70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0	ND	109		70-130			
Methyl tert-Butyl Ether (MTBE)	11.6	1.0	µg/L	10.0	ND	116		70-130			
Methylene Chloride	9.31	5.0	µg/L	10.0	ND	93.1		70-130			
4-Methyl-2-pentanone (MIBK)	111	10	µg/L	100	ND	111		70-130			
Naphthalene	9.17	2.0	µg/L	10.0	ND	91.7		70-130			
n-Propylbenzene	11.2	1.0	µg/L	10.0	ND	112		70-130			
Styrene	10.4	1.0	µg/L	10.0	ND	104		70-130			
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,1,2,2-Tetrachloroethane	11.1	0.50	µg/L	10.0	ND	111		70-130			
Tetrachloroethylene	12.0	1.0	µg/L	10.0	0.930	111		70-130			
Tetrahydrofuran	11.0	10	µg/L	10.0	ND	110		70-130			
Toluene	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2,3-Trichlorobenzene	9.40	5.0	µg/L	10.0	ND	94.0		70-130			
1,2,4-Trichlorobenzene	9.07	1.0	µg/L	10.0	ND	90.7		70-130			
1,3,5-Trichlorobenzene	9.12	1.0	µg/L	10.0	ND	91.2		70-130			
1,1,1-Trichloroethane	10.6	1.0	µg/L	10.0	ND	106		70-130			
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0	ND	106		70-130			
Trichloroethylene	10.6	1.0	µg/L	10.0	0.190	104		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B											
Matrix Spike (B048557-MS1)	**Source: 12C0572-03**			Prepared: 03/26/12 Analyzed: 03/27/12							
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0	ND	110		70-130			
1,2,3-Trichloropropane	11.0	2.0	µg/L	10.0	ND	110		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.5	1.0	µg/L	10.0	ND	125		70-130			
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0	ND	103		70-130			
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.0	ND	103		70-130			
Vinyl Chloride	10.7	2.0	µg/L	10.0	ND	107		70-130			
m+p Xylene	21.9	2.0	µg/L	20.0	ND	109		70-130			
o-Xylene	11.2	1.0	µg/L	10.0	ND	112		70-130			
Surrogate: 1,2-Dichloroethane-d4	*26.3*		µg/L	25.0		105		70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130			
Surrogate: 4-Bromofluorobenzene	*24.3*		µg/L	25.0		97.1		70-130			
Matrix Spike Dup (B048557-MSD1)	**Source: 12C0572-03**			Prepared: 03/26/12 Analyzed: 03/27/12							
Acetone	93.1	50	µg/L	100	ND	93.1		70-130	4.53	30	
Acrylonitrile	10.6	5.0	µg/L	10.0	ND	106		70-130	4.72	30	
tert-Amyl Methyl Ether (TAME)	9.54	0.50	µg/L	10.0	ND	95.4		70-130	7.08	30	
Benzene	10.8	1.0	µg/L	10.0	ND	108		70-130	1.56	30	
Bromobenzene	9.93	1.0	µg/L	10.0	ND	99.3		70-130	3.17	30	
Bromochloromethane	11.0	1.0	µg/L	10.0	ND	110		70-130	2.06	30	
Bromodichloromethane	9.20	0.50	µg/L	10.0	ND	92.0		70-130	1.40	30	
Bromoform	11.2	1.0	µg/L	10.0	ND	112		70-130	4.28	30	
Bromomethane	11.1	2.0	µg/L	10.0	ND	111		70-130	16.4	30	V-05
2-Butanone (MEK)	103	20	µg/L	100	ND	103		70-130	5.19	30	
tert-Butyl Alcohol (TBA)	83.5	20	µg/L	100	ND	83.5		70-130	9.31	30	V-05, V-16
n-Butylbenzene	10.2	1.0	µg/L	10.0	ND	102		70-130	3.74	30	
sec-Butylbenzene	11.1	1.0	µg/L	10.0	ND	111		70-130	2.23	30	
tert-Butylbenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	1.54	30	
tert-Butyl Ethyl Ether (TBEE)	9.95	0.50	µg/L	10.0	ND	99.5		70-130	6.80	30	
Carbon Disulfide	12.2	2.0	µg/L	10.0	0.160	121		70-130	0.246	30	
Carbon Tetrachloride	9.53	5.0	µg/L	10.0	ND	95.3		70-130	0.632	30	
Chlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	2.66	30	
Chlorodibromomethane	10.3	0.50	µg/L	10.0	ND	103		70-130	2.21	30	
Chloroethane	11.2	2.0	µg/L	10.0	ND	112		70-130	1.85	30	
Chloroform	11.0	2.0	µg/L	10.0	0.180	108		70-130	0.727	30	
Chloromethane	14.7	2.0	µg/L	10.0	ND	**147**	*	70-130	3.39	30	MS-15
2-Chlorotoluene	10.7	1.0	µg/L	10.0	ND	107		70-130	2.40	30	
4-Chlorotoluene	10.7	1.0	µg/L	10.0	ND	107		70-130	5.09	30	
1,2-Dibromo-3-chloropropane (DBCP)	9.26	5.0	µg/L	10.0	ND	92.6		70-130	4.64	30	
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0	ND	100		70-130	5.54	30	
Dibromomethane	10.3	1.0	µg/L	10.0	ND	103		70-130	4.17	30	
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	2.42	30	
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	4.25	30	
1,4-Dichlorobenzene	9.87	1.0	µg/L	10.0	ND	98.7		70-130	3.78	30	
trans-1,4-Dichloro-2-butene	6.40	2.0	µg/L	10.0	ND	**64.0**	*	70-130	15.0	30	MS-24, V-05
Dichlorodifluoromethane (Freon 12)	17.8	2.0	µg/L	10.0	ND	**178**	*	70-130	3.96	30	MS-15
1,1-Dichloroethane	11.1	1.0	µg/L	10.0	ND	111		70-130	0.361	30	
1,2-Dichloroethane	10.5	1.0	µg/L	10.0	ND	105		70-130	3.18	30	
1,1-Dichloroethylene	11.5	1.0	µg/L	10.0	ND	115		70-130	3.19	30	
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0	ND	100		70-130	1.48	30	
trans-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0	ND	109		70-130	1.18	30	
1,2-Dichloropropane	9.87	1.0	µg/L	10.0	ND	98.7		70-130	6.28	30	
1,3-Dichloropropane	10.3	0.50	µg/L	10.0	ND	103		70-130	5.31	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B										
Matrix Spike Dup (B048557-MSD1)	**Source: 12C0572-03**			Prepared: 03/26/12 Analyzed: 03/27/12						
2,2-Dichloropropane	7.89	1.0	µg/L	10.0	ND	78.9	70-130	7.80	30	
1,1-Dichloropropene	11.2	2.0	µg/L	10.0	ND	112	70-130	3.52	30	
cis-1,3-Dichloropropene	9.05	0.50	µg/L	10.0	ND	90.5	70-130	5.06	30	
trans-1,3-Dichloropropene	9.36	0.50	µg/L	10.0	ND	93.6	70-130	5.10	30	
Diethyl Ether	9.71	2.0	µg/L	10.0	ND	97.1	70-130	1.63	30	
Diisopropyl Ether (DIPE)	11.6	0.50	µg/L	10.0	ND	116	70-130	2.47	30	
1,4-Dioxane	101	50	µg/L	100	ND	101	70-130	13.8	30	V-16
Ethylbenzene	10.3	1.0	µg/L	10.0	ND	103	70-130	5.03	30	
Hexachlorobutadiene	9.26	0.50	µg/L	10.0	ND	92.6	70-130	0.759	30	
2-Hexanone (MBK)	100	10	µg/L	100	ND	100	70-130	11.2	30	
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.0	ND	109	70-130	3.96	30	
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0	ND	105	70-130	3.08	30	
Methyl tert-Butyl Ether (MTBE)	10.7	1.0	µg/L	10.0	ND	107	70-130	7.64	30	
Methylene Chloride	9.25	5.0	µg/L	10.0	ND	92.5	70-130	0.647	30	
4-Methyl-2-pentanone (MIBK)	103	10	µg/L	100	ND	103	70-130	7.79	30	
Naphthalene	8.12	2.0	µg/L	10.0	ND	81.2	70-130	12.1	30	
n-Propylbenzene	11.0	1.0	µg/L	10.0	ND	110	70-130	2.34	30	
Styrene	10.1	1.0	µg/L	10.0	ND	101	70-130	3.60	30	
1,1,1,2-Tetrachloroethane	9.65	1.0	µg/L	10.0	ND	96.5	70-130	4.26	30	
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0	ND	103	70-130	7.56	30	
Tetrachloroethylene	11.1	1.0	µg/L	10.0	0.930	102	70-130	7.52	30	
Tetrahydrofuran	10.4	10	µg/L	10.0	ND	104	70-130	6.00	30	
Toluene	10.5	1.0	µg/L	10.0	ND	105	70-130	2.16	30	
1,2,3-Trichlorobenzene	8.70	5.0	µg/L	10.0	ND	87.0	70-130	7.73	30	
1,2,4-Trichlorobenzene	8.29	1.0	µg/L	10.0	ND	82.9	70-130	8.99	30	
1,3,5-Trichlorobenzene	8.57	1.0	µg/L	10.0	ND	85.7	70-130	6.22	30	
1,1,1-Trichloroethane	10.4	1.0	µg/L	10.0	ND	104	70-130	1.24	30	
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0	ND	101	70-130	4.93	30	
Trichloroethylene	10.3	1.0	µg/L	10.0	0.190	102	70-130	2.11	30	
Trichlorofluoromethane (Freon 11)	11.1	2.0	µg/L	10.0	ND	111	70-130	0.271	30	
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0	ND	104	70-130	6.17	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1	1.0	µg/L	10.0	ND	121	70-130	3.50	30	
1,2,4-Trimethylbenzene	9.98	1.0	µg/L	10.0	ND	99.8	70-130	3.25	30	
1,3,5-Trimethylbenzene	9.95	1.0	µg/L	10.0	ND	99.5	70-130	3.46	30	
Vinyl Chloride	10.8	2.0	µg/L	10.0	ND	108	70-130	0.930	30	
m+p Xylene	21.0	2.0	µg/L	20.0	ND	105	70-130	3.87	20	
o-Xylene	10.8	1.0	µg/L	10.0	ND	108	70-130	3.90	30	
Surrogate: 1,2-Dichloroethane-d4	*26.7*		µg/L	25.0		107	70-130			
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/L	25.0		98.0	70-130			

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048643 - 3810/RSK175										
Blank (B048643-BLK1)				Prepared & Analyzed: 03/26/12						
Ethane	ND	0.10	mg/L							
Ethene	ND	0.10	mg/L							
Methane	ND	0.010	mg/L							
LCS (B048643-BS1)				Prepared & Analyzed: 03/26/12						
Ethane	2000		mg/L	2000		101	60-122			
Ethene	2100		mg/L	2000		106	67-113			
Methane	2100		mg/L	2000		107	56-121			
Duplicate (B048643-DUP1)	**Source: 12C0572-08**			Prepared & Analyzed: 03/26/12						
Ethane	ND	0.10	mg/L		ND			NC		
Ethene	ND	0.10	mg/L		ND			NC		
Methane	ND	0.010	mg/L		ND			NC		

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048251 - SW-846 3005A										
Blank (B048251-BLK1)				Prepared & Analyzed: 03/21/12						
Iron	ND	0.050	mg/L							
LCS (B048251-BS1)				Prepared & Analyzed: 03/21/12						
Iron	0.507	0.050	mg/L	0.500		101	80-120			
LCS Dup (B048251-BSD1)				Prepared & Analyzed: 03/21/12						
Iron	0.516	0.050	mg/L	0.500		103	80-120	1.79	20	
Duplicate (B048251-DUP1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/21/12						
Iron	2.06	0.050	mg/L		2.01			2.28	20	
Matrix Spike (B048251-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/21/12						
Iron	2.50	0.050	mg/L	0.500	2.01	97.4	75-125			
Matrix Spike Dup (B048251-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/21/12						
Iron	2.50	0.050	mg/L	0.500	2.01	96.8	75-125	0.118	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048238 - SM 18-20 4500 P E										
Blank (B048238-BLK1)				Prepared & Analyzed: 03/20/12						
Orthophosphate as P	ND	0.050	mg/L							
LCS (B048238-BS1)				Prepared & Analyzed: 03/20/12						
Orthophosphate as P	0.40	0.050	mg/L	0.420		95.1	87.4-119			
LCS Dup (B048238-BSD1)				Prepared & Analyzed: 03/20/12						
Orthophosphate as P	0.42	0.050	mg/L	0.420		101	87.4-119	6.09	11.2	
Matrix Spike (B048238-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/20/12						
Orthophosphate as P	0.29	0.050	mg/L	0.300	ND	96.5	67.3-125			
Matrix Spike Dup (B048238-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/20/12						
Orthophosphate as P	0.30	0.050	mg/L	0.300	ND	99.1	67.3-125	2.67	20	
Batch B048302 - SM 18-20 4500 NO2 B										
Blank (B048302-BLK1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	ND	0.010	mg/L							
LCS (B048302-BS1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	0.10	0.010	mg/L	0.100		101	90.9-113			
LCS Dup (B048302-BSD1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	0.10	0.010	mg/L	0.100		102	90.9-113	0.698	6.88	
Matrix Spike (B048302-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/21/12						
Nitrite as N	0.091	0.010	mg/L	0.100	ND	91.1	71.8-116			
Matrix Spike Dup (B048302-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/21/12						
Nitrite as N	0.093	0.010	mg/L	0.100	ND	92.6	71.8-116	1.55	20	
Batch B048508 - SM18-20 3500 Fe D										
Blank (B048508-BLK1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	ND	0.20	mg/L							
LCS (B048508-BS1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	0.79	0.20	mg/L	0.800		98.4	85-115			
LCS Dup (B048508-BSD1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	0.79	0.20	mg/L	0.800		98.4	85-115	0.00	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048508 - SM18-20 3500 Fe D										
Duplicate (B048508-DUP1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/22/12						
Ferrous Iron	1.8	1.0	mg/L		1.9			5.61	20	
Matrix Spike (B048508-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/22/12						
Ferrous Iron	5.8	1.0	mg/L	4.00	1.9	99.3	85-115			
Matrix Spike Dup (B048508-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/22/12						
Ferrous Iron	5.7	1.0	mg/L	4.00	1.9	95.9	85-115	2.35	20	
Batch B048564 - SM 4500 NO3-F										
Blank (B048564-BLK1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	ND	0.050	mg/L							
LCS (B048564-BS1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	3.7		mg/L	3.71		99.7	94.7-112			
LCS Dup (B048564-BSD1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	3.7		mg/L	3.71		99.5	94.7-112	0.271	3.36	
Matrix Spike (B048564-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/26/12						
Nitrate as N	7.0	0.050	mg/L	3.98	3.1	97.9	60.8-138			
Matrix Spike Dup (B048564-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/26/12						
Nitrate as N	7.0	0.050	mg/L	3.98	3.1	97.9	60.8-138	0.00	20	
Batch B048577 - ASTM D516-90, 02										
Blank (B048577-BLK1)				Prepared & Analyzed: 03/26/12						
Sulfate	ND	2.0	mg/L							
LCS (B048577-BS1)				Prepared & Analyzed: 03/26/12						
Sulfate	19	2.0	mg/L	20.0		95.8	81.5-115			
LCS Dup (B048577-BSD1)				Prepared & Analyzed: 03/26/12						
Sulfate	19	2.0	mg/L	20.0		95.3	81.5-115	0.471	10.6	
Matrix Spike (B048577-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/26/12						
Sulfate	39	2.0	mg/L	20.0	23	79.0	54.4-133			
Matrix Spike Dup (B048577-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/26/12						
Sulfate	39	2.0	mg/L	20.0	23	82.6	54.4-133	1.90	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048633 - SM 5310B										
Blank (B048633-BLK1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	ND	1.0	mg/L							
LCS (B048633-BS1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	10.2	1.0	mg/L	10.0		102	88.3-112			
LCS Dup (B048633-BSD1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	10.6	1.0	mg/L	10.0		106	88.3-112	3.95	6.58	
Matrix Spike (B048633-MS1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/23/12						
Total Organic Carbon	6.52	1.0	mg/L	5.00	1.11	108	65.2-135			
Matrix Spike Dup (B048633-MSD1)	**Source: 12C0572-03**			Prepared & Analyzed: 03/23/12						
Total Organic Carbon	6.72	1.0	mg/L	5.00	1.11	112	65.2-135	3.14	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
ASTM D516-90, 02 in Water	
Sulfate	NY,NH,MA,CT,RI
SM 18-20 4500 NO2 B in Water	
Nitrite as N	CT,NH,NY,ME,NC
SM 18-20 4500 NO3 F in Water	
Nitrate as N	CT,MA,NH,NY,RI,ME,NC
SM 18-20 4500 P E in Water	
Orthophosphate as P	CT,MA,NH,NY,RI,ME
SM 5310B in Water	
Total Organic Carbon	CT,MA,NH,NY,RI,NC,ME
SW-846 6010C in Water	
Iron	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

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12C0572

Company Name: Ecology & Environment
Address: 368 Pleasantview Dr
Lancaster NY 14086
Attention: Nick Watt
Project Location: Farmingdale
Sampled By: L. Reed, M. Cheplowitz

Telephone: 716 684-8060
Project # EN-00269-0026-06
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ◉ WEBSITE
Fax #
Email:
Format: ◉ PDF ○ EXCEL ○ GIS
◉ OTHER EQuIS - EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code	ANALYSIS REQUESTED: VOC's 8260	Total Iron	Nitrate	Nitrite, Sulfate, O-PO4	Toc	Ferrous Iron	dissolved gases	Dissolved Metals: ○ Field Filtered ○ Lab to Filter
								B	L	L	L	L	L					
								H	N	S	I	H	H					
								V	P	P	P	A	A					
01	MW-27-March 2012	3/9/12	1334		X	GW	L	3	1	1	1	1	1	X	X	X	X	X	X	X

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other _____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other _____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Lawrence Reed	3/19/12 17:30
Received by: (signature) 2CC	Date/Time: ~~3/20/12 9:15~~ 3/20/12 9:33
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☐ Other MA Default
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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CHAIN OF CUSTODY RECORD

12C0572

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Company Name: Ecology & Environment INC
Address: 368 pleasantview Dr
Lancaster NY 14086
Attention: Rick Watt
Project Location: Fayetteville
Sampled By: L Reed, M Cheplowitz

Telephone: 716 684-8060
Project # EN-002699-0025-06
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ◉ WEBSITE
Fax #
Email:
Format: ◉ PDF ○ EXCEL ○ GIS
◉ OTHER EQuIS - EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	VOC's 8260	Total Iron	Nitrate	Nitrite, Sulfate, Ophos	Toc	Ferrous Iron	Dissolved Gas (RSK 175) 3/22/12					
30								6	6	6	6	6	6						# of Containers
H								N	S	I	H	H	H						** Preservation
V								P	P	P	A	A							***Container Code
02	TB 31912-03	3-19-12	7:30		X	GW	L	X											
03 ~~03~~	PW-8-ch4-march 2012	3-19-12	0847		X	GW	L	X	X	X	X	X	X	X					
04 ~~04~~	PW-8-ch4-march 2012 MS	3-19-12	0847		X	GW	L	X	X	X	X	X	X	X					
05	PW-8ch4-March 2012 MSD	3-19-12	0847		X	GW	L	X	X	X	X	X	X	X					
04 ~~05~~	PW-8ch0-March 2012	3-19-12	09:45		X	GW	L	X	X	X	X	X	X	X					
05 ~~07~~	PW-8ch0-march-20122	3-19-12	09:48		X	GW	L	X	X	X	X	X	X	X					
06 ~~08~~	PW-11-ch4-March-2012	3-19-12	11:17		X	GW	L	X											
07 ~~09~~	PW-11-ch0-march-2012	3-19-12	11:30		X	GW	L	X											
08 ~~10~~	PZ-14-March-2012	3-19-12	15:22		X	GW	L	X	X	X	X	X	X	X					
09 ~~11~~	TB 12319-	3-19-12	17:00		X	GW	L	X											

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	
Relinquished by: (signature)	Date/Time:	
Received by: (signature)	Date/Time:	

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other RUSH † (per contract)
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

††TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Print page | Close

FedEx

Detailed Results

Tracking no.: 872650182211 Select time format: **12H**

Delivered

Delivered
Signed for by: A.PIENKOWSKI

Shipment Dates	Destination
Ship date Mar 19, 2012	Signature Proof of Delivery
Delivery date Mar 20, 2012 9:33 AM	

Shipment Options

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	55.0 lbs/24.9 kg	Reference	EK 002699-0025-06

Shipment Travel History

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 20, 2012 9:33 AM	**Delivered**		
Mar 20, 2012 7:48 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 20, 2012 6:57 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 20, 2012 3:31 AM	Departed FedEx location	NEWARK, NJ	
Mar 20, 2012 12:00 AM	Departed FedEx location	NEWARK, NJ	
Mar 19, 2012 11:45 PM	Arrived at FedEx location	NEWARK, NJ	
Mar 19, 2012 10:03 PM	Left FedEx origin facility	MELVILLE, NY	
Mar 19, 2012 5:42 PM	Picked up	MELVILLE, NY	

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist



CLIENT NAME: Ecology RECEIVED BY: mlk DATE: 3/20/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified LL Date 10:00 Time 3/20

7) Location where samples are stored: log-in

Permission to subcontract samples? Yes No

(Walk-in clients only) if not already approved

Client Signature: _____

8) Do all samples have the proper Acid pH: (Yes) No N/A _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	14	2 oz amber/clear jar	
1 Liter Plastic	7	Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	14	Plastic Bag / Ziploc	
40 mL Vial - type listed below	33	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Last sample is suppose to be RB-123119 - Larry from Ecology 3/20/12 10:45AM

40 mL vials: # HCl 33 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

MW-27-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-01	File ID:	VC086039.D
Sampled:	03/19/12 13:34	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 00:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene	1.2	0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene	1.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
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Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	6.3	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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MW-27-March 2012

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Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086039.D
Acq On : 27 Mar 2012 12:54 am
Operator :
Sample : 12C0572-01 Inst : GCMSVOA3
Misc :
ALS Vial : 36 Sample Multiplier: 1

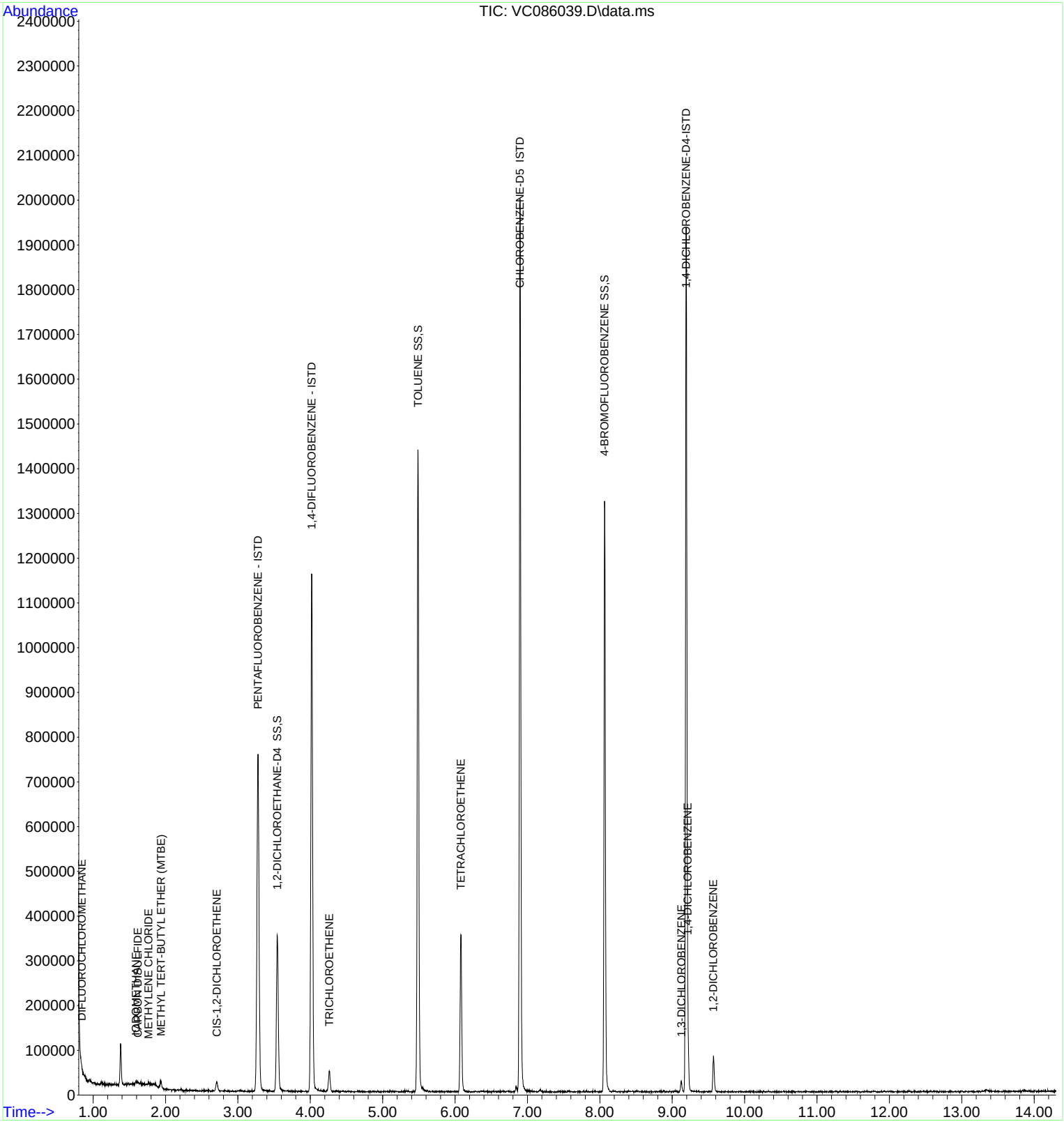
Quant Time: Mar 27 13:05:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

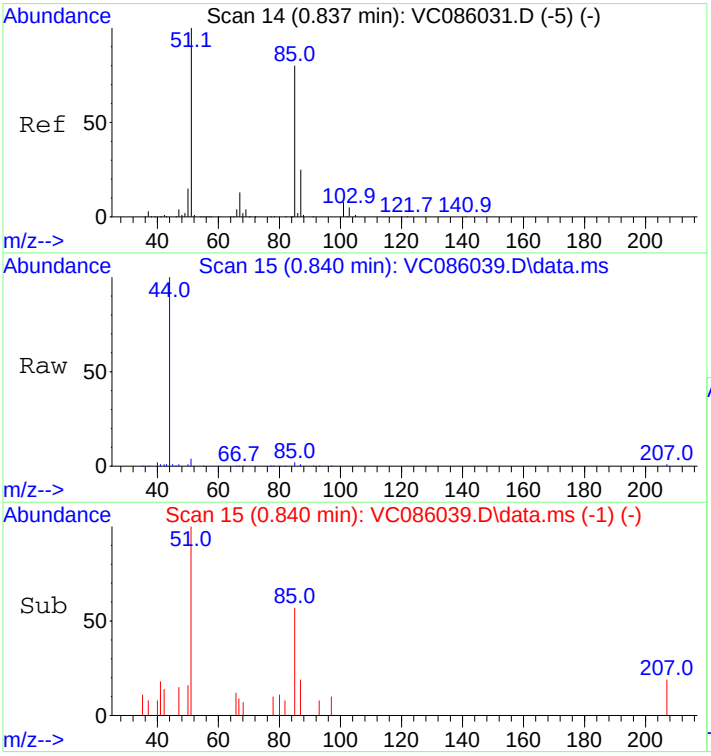
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	564302	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898716	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	472641	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	444586	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	226143	25.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%			
49) TOLUENE SS	5.489	98	823824	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.96%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	380997	24.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.20%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.840	85	1104	Below Cal	#	42
4) DIFLUOROCHLOROMETHANE	0.843	51	1735	0.13	UG/L #	64
7) BROMOMETHANE	1.111	94	1311	Below Cal	#	77
17) IODOMETHANE	1.593	142	8565m	0.76	UG/L	
23) METHYLENE CHLORIDE	1.766	49	2061	0.18	UG/L #	67
24) CARBON DISULFIDE	1.616	76	2022	0.11	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	11325	0.40	UG/L #	87
33) CIS-1,2-DICHLOROETHENE	2.709	61	8721	0.40	UG/L #	80
51) TRICHLOROETHENE	4.262	95	13469	0.98	UG/L	94
66) TETRACHLOROETHENE	6.080	166	92605	6.29	UG/L	99
93) 1,3-DICHLOROBENZENE	9.128	146	7478	0.31	UG/L	93
95) 1,4-DICHLOROBENZENE	9.215	146	34706	1.31	UG/L #	88
97) 1,2-DICHLOROBENZENE	9.569	146	28687	1.21	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086039.D
Acq On : 27 Mar 2012 12:54 am
Operator :
Sample : 12C0572-01 Inst : GCMSVOA3
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 27 13:05:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

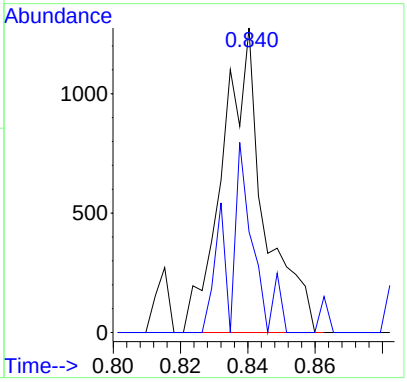


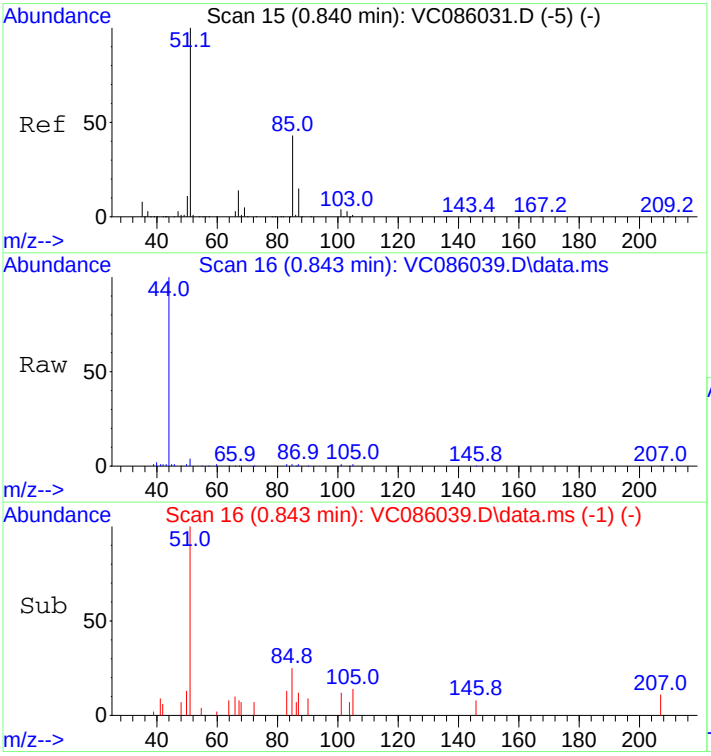


#3
DICHLORODIFLUOROMETHANE
Concen: Below Cal
RT: 0.840 min Scan# 15
Delta R.T. 0.003 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 85 Resp: 1104

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.2	39.2#

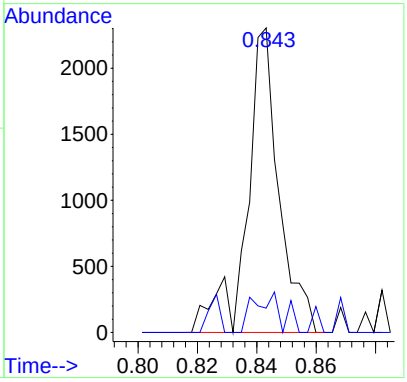


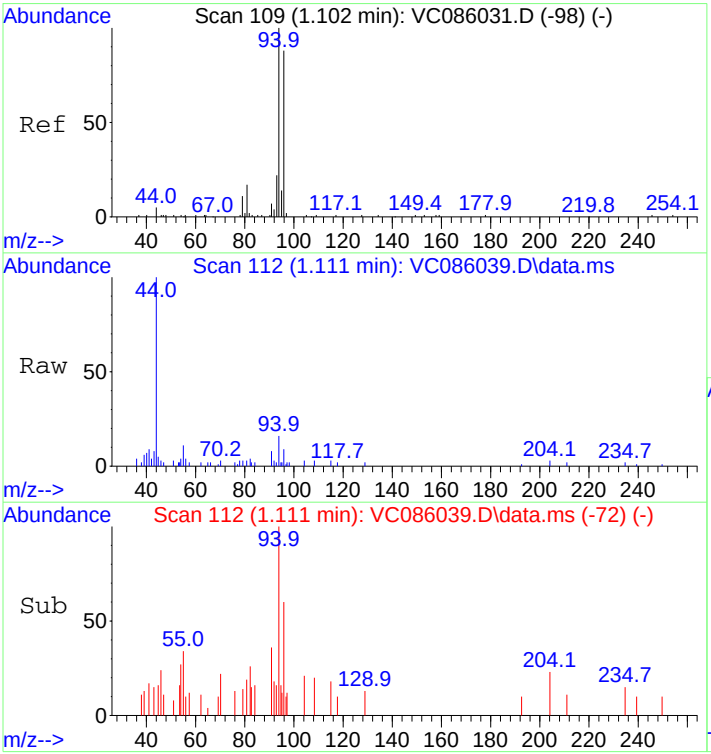


#4
DIFLUOROCHLOROMETHANE
Concen: 0.13 UG/L
RT: 0.843 min Scan# 16
Delta R.T. 0.003 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 51 Resp: 1735

Ion	Ratio	Lower	Upper
51	100		
67	0.0	12.1	18.1#

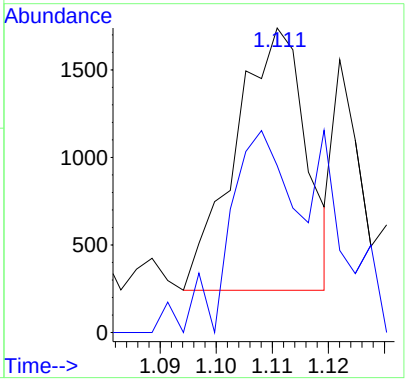


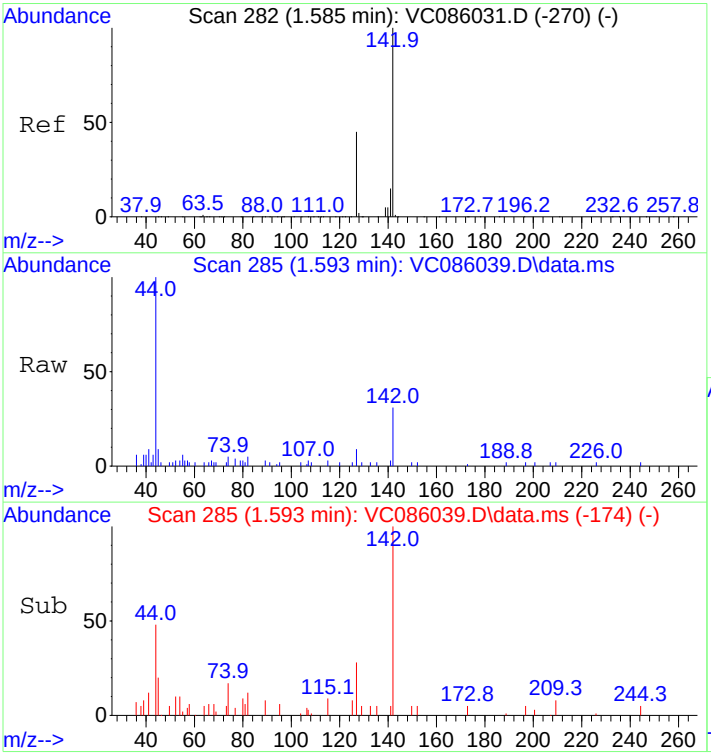


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 94 Resp: 1311

Ion	Ratio	Lower	Upper
94	100		
96	72.7	76.2	114.2#

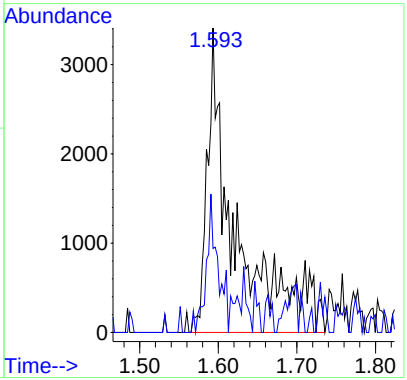


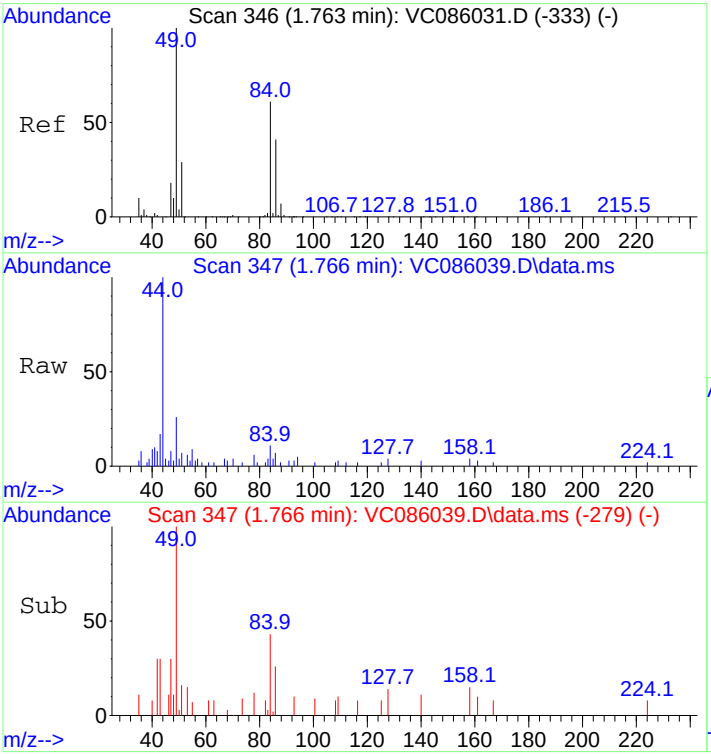


#17
IODOMETHANE
Concen: 0.76 UG/L m
RT: 1.593 min Scan# 285
Delta R.T. 0.009 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion:142 Resp: 8565

Ion	Ratio	Lower	Upper
142	100		
127	18.4	36.8	55.2#

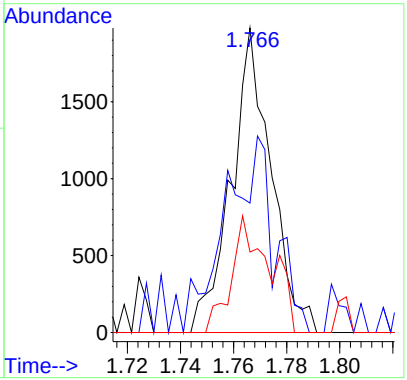


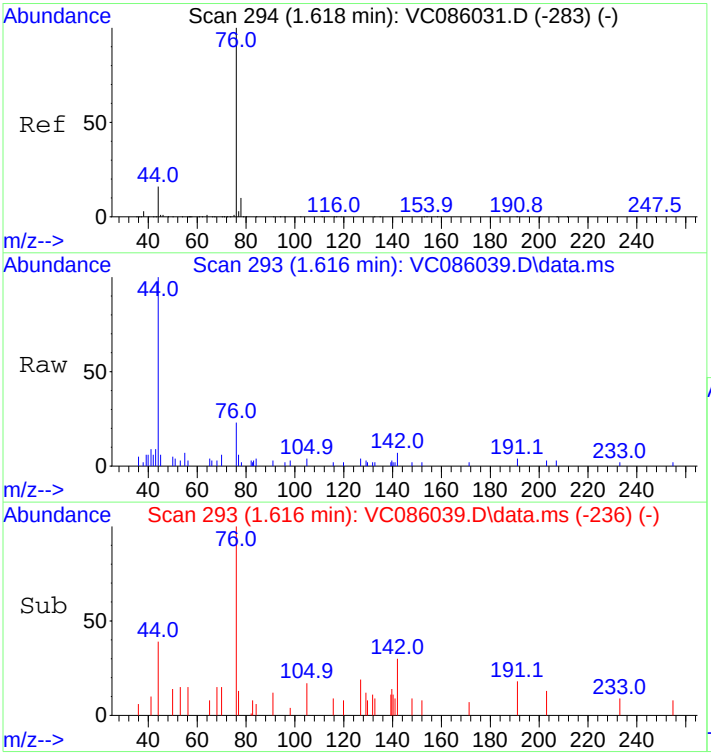


#23
METHYLENE CHLORIDE
Concen: 0.18 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 49 Resp: 2061

Ion	Ratio	Lower	Upper
49	100		
84	35.0	57.8	86.6#
86	36.8	37.1	55.7#

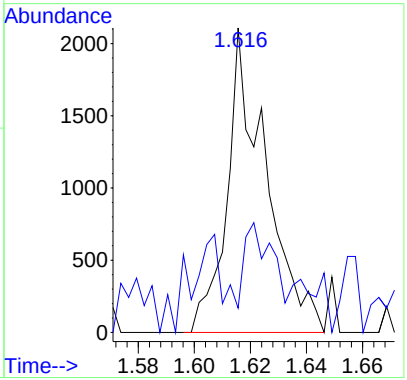


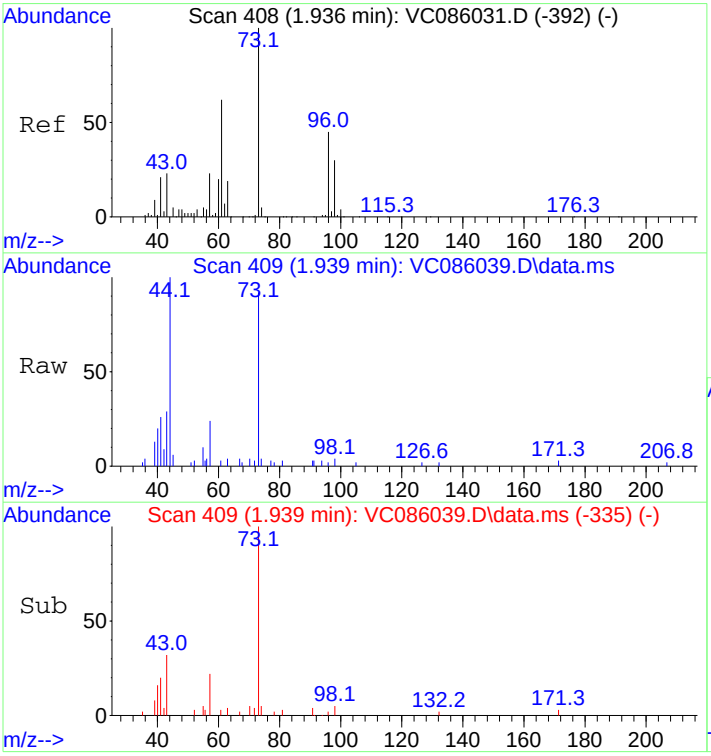


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.616 min Scan# 293
Delta R.T. -0.005 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 76 Resp: 2022

Ion	Ratio	Lower	Upper
76	100		
78	28.2	0.0	0.0#

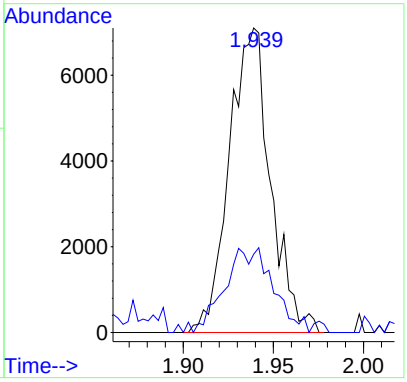


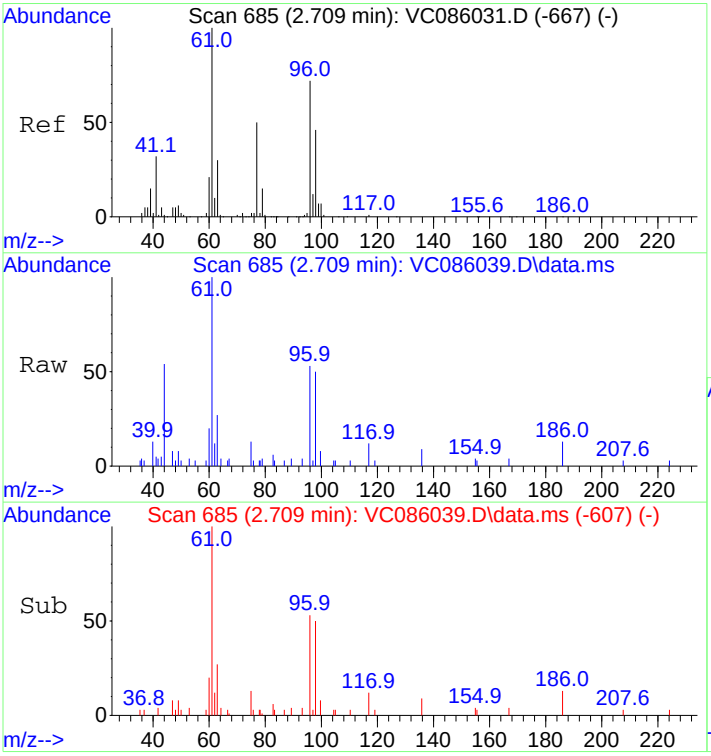


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.40 UG/L
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 73 Resp: 11325

Ion	Ratio	Lower	Upper
73	100		
57	17.1	18.9	28.3#

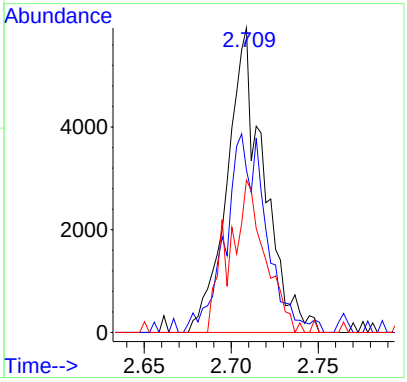


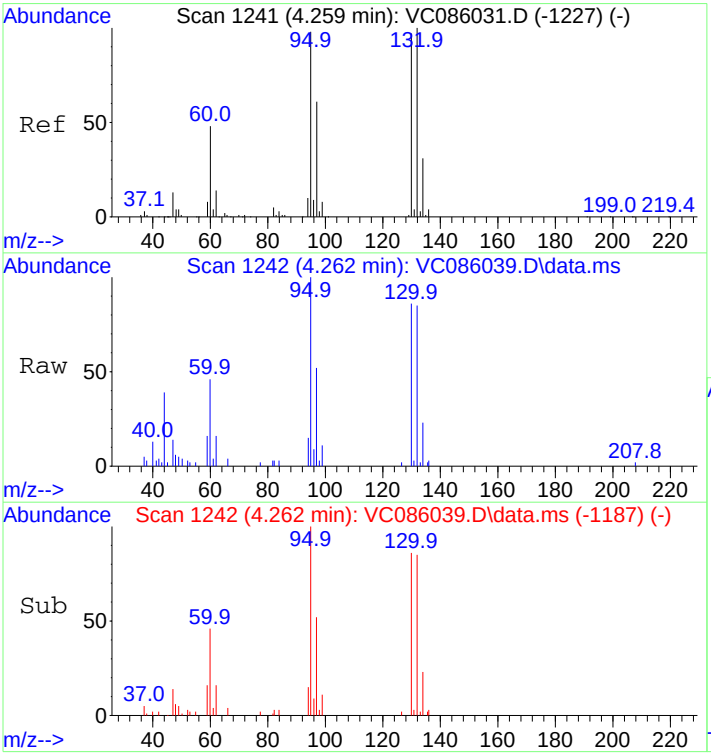


#33
CIS-1,2-DICHLOROETHENE
Concen: 0.40 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 61 Resp: 8721

Ion	Ratio	Lower	Upper
61	100		
96	44.6	54.4	81.6#
98	39.3	35.1	52.7

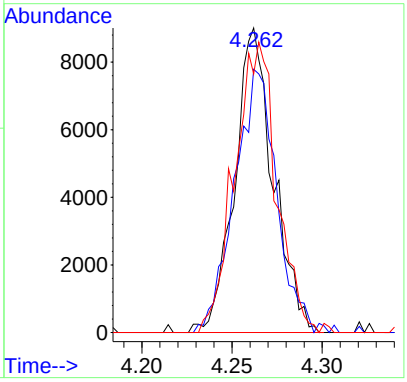


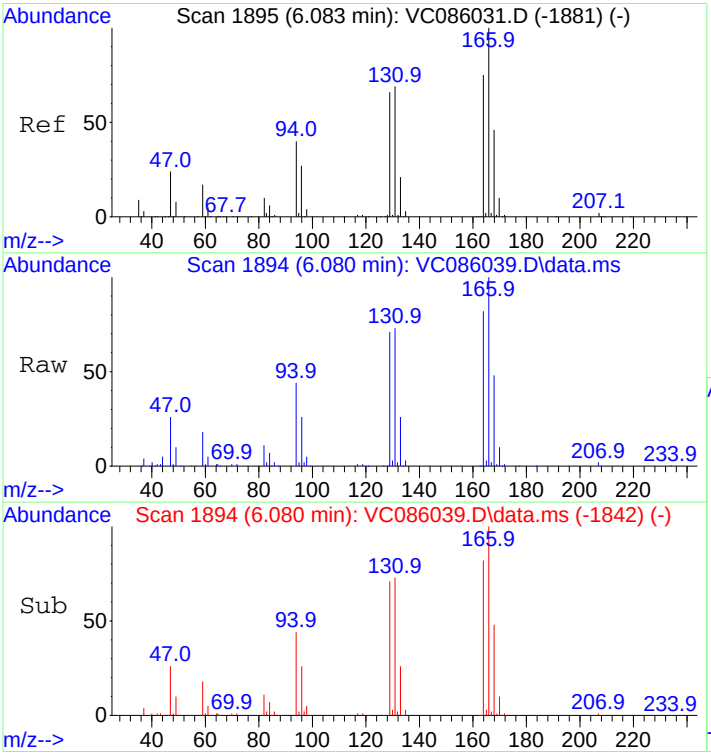


#51
TRICHLOROETHENE
Concen: 0.98 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion: 95 Resp: 13469

Ion	Ratio	Lower	Upper
95	100		
130	94.0	83.0	124.4
132	103.4	85.1	127.7

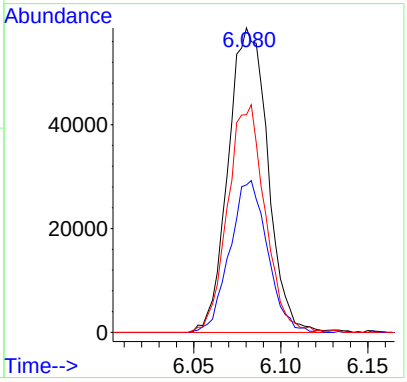


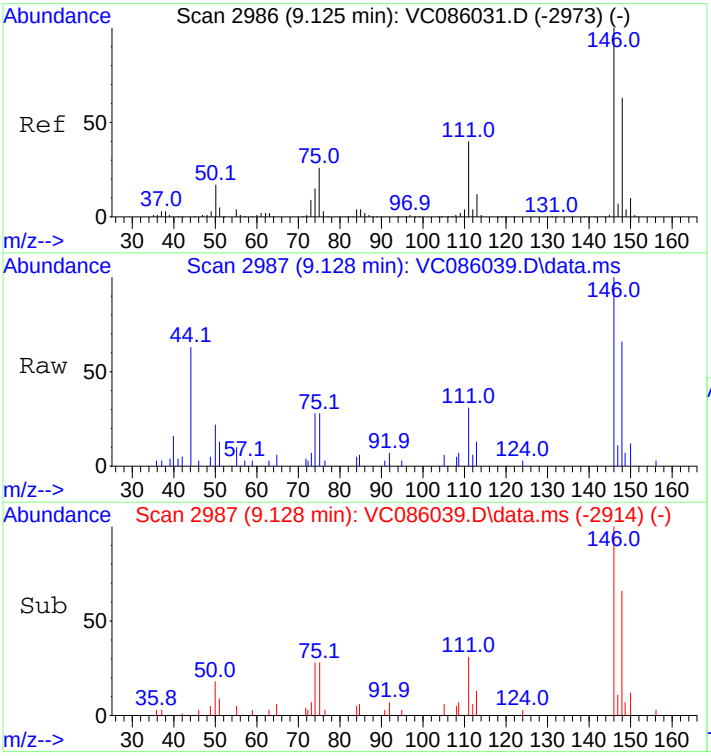


#66
TETRACHLOROETHENE
Concen: 6.29 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion:166 Resp: 92605

Ion	Ratio	Lower	Upper
166	100		
168	47.6	38.0	57.0
129	70.6	55.4	83.2

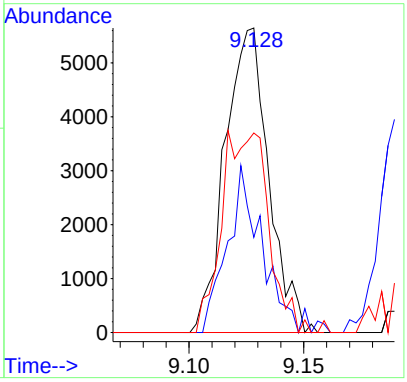


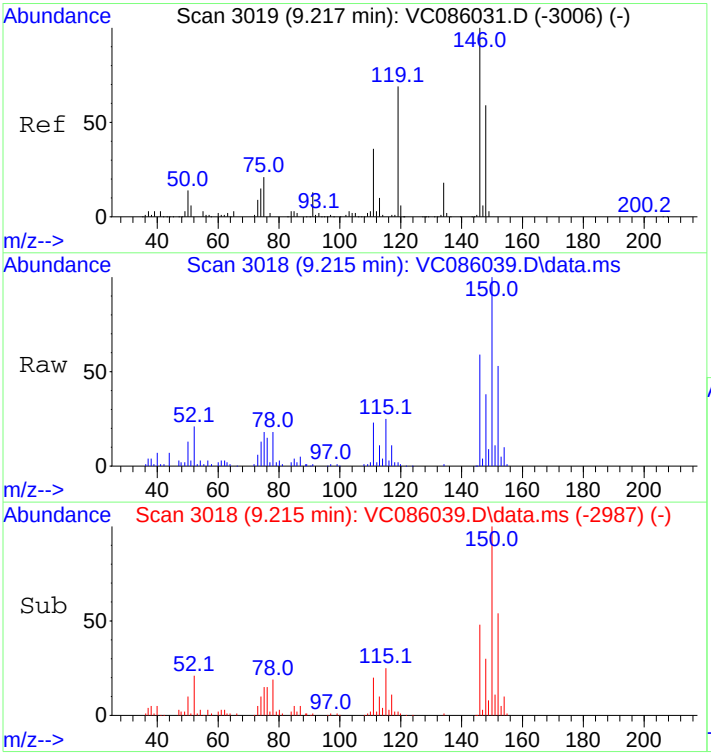


#93
1,3-DICHLOROBENZENE
Concen: 0.31 UG/L
RT: 9.128 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion:146 Resp: 7478

Ion	Ratio	Lower	Upper
146	100		
111	43.0	32.2	48.4
148	70.5	51.0	76.6

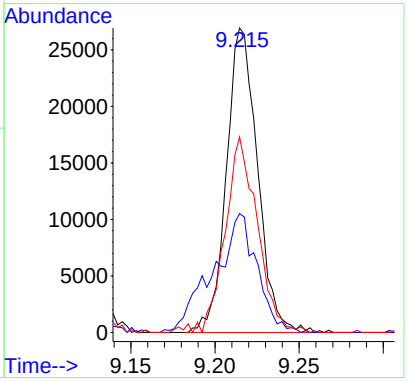


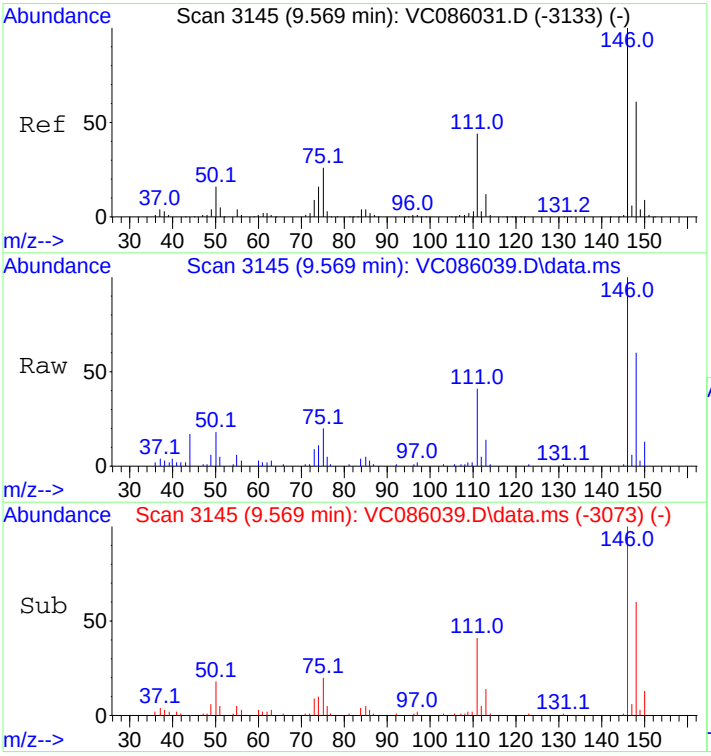


#95
1,4-DICHLOROBENZENE
Concen: 1.31 UG/L
RT: 9.215 min Scan# 3018
Delta R.T. 0.000 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion:146 Resp: 34706

Ion	Ratio	Lower	Upper
146	100		
111	54.7	31.0	46.6#
148	66.2	51.2	76.8

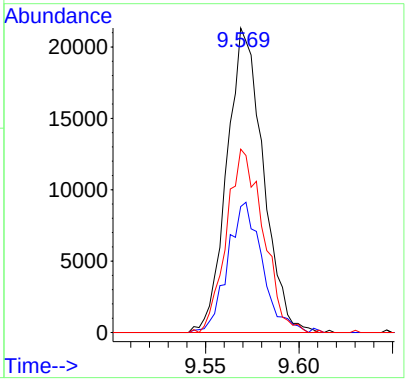




#97
1,2-DICHLOROBENZENE
Concen: 1.21 UG/L
RT: 9.569 min Scan# 3145
Delta R.T. 0.000 min
Lab File: VC086039.D
Acq: 27 Mar 2012 12:54 am

Tgt Ion:146 Resp: 28687

Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.2	49.8
148	61.4	51.0	76.6



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1 - FORM I
ANALYSIS DATA SHEET

TB 31912-03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0572-02	File ID:	VC086035.D
Sampled:	03/19/12 07:30	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB 31912-03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0572-02	File ID:	VC086035.D
Sampled:	03/19/12 07:30	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB 31912-03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0572-02	File ID:	VC086035.D
Sampled:	03/19/12 07:30	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB 31912-03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0572-02	File ID:	VC086035.D
Sampled:	03/19/12 07:30	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086035.D
Acq On : 26 Mar 2012 10:54 pm
Operator :
Sample : 12C0572-02 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 32 Sample Multiplier: 1

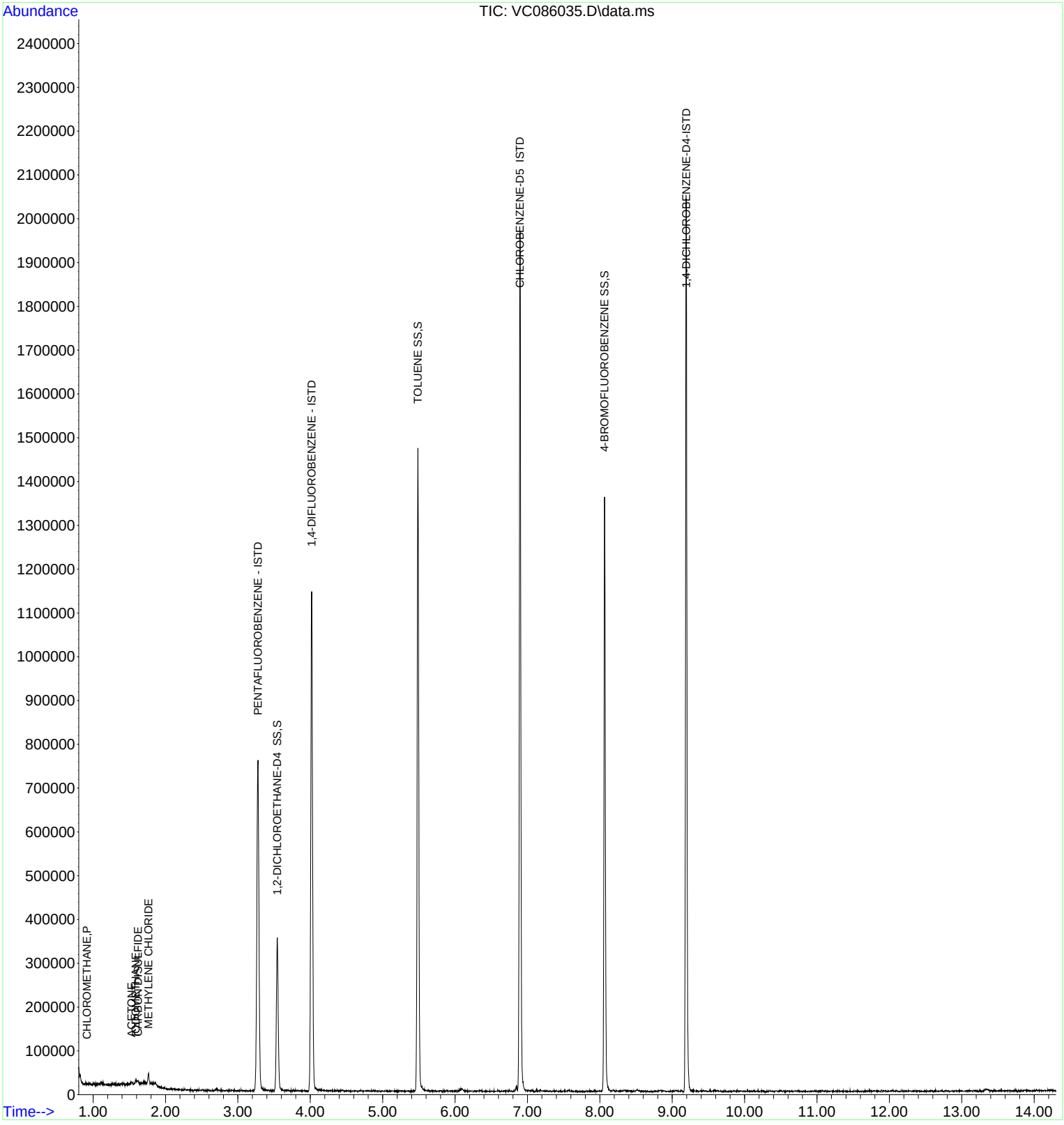
Quant Time: Mar 27 12:49:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

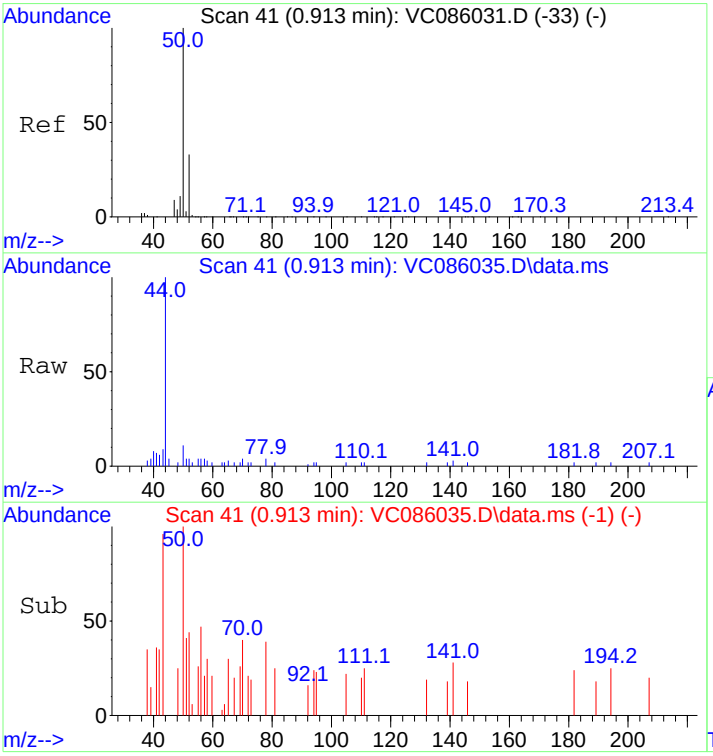
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	569223	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	899010	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	474523	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	455942	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	217216	24.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%			
49) TOLUENE SS	5.486	98	832677	25.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	376488	23.92	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%			
Target Compounds						Qvalue
5) CHLOROMETHANE	0.913	50	672	0.10	UG/L #	41
7) BROMOMETHANE	1.105	94	5008m	Below Cal		
14) ACETONE	1.532	43	3793m	1.94	UG/L	
17) IODOMETHANE	1.588	142	16456m	1.44	UG/L	
23) METHYLENE CHLORIDE	1.766	49	8785	0.74	UG/L	97
24) CARBON DISULFIDE	1.618	76	2475	0.13	UG/L #	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086035.D
Acq On : 26 Mar 2012 10:54 pm
Operator :
Sample : 12C0572-02 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 27 12:49:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

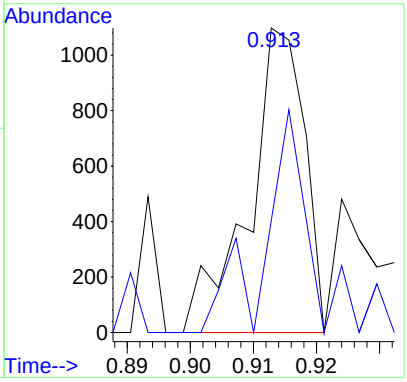


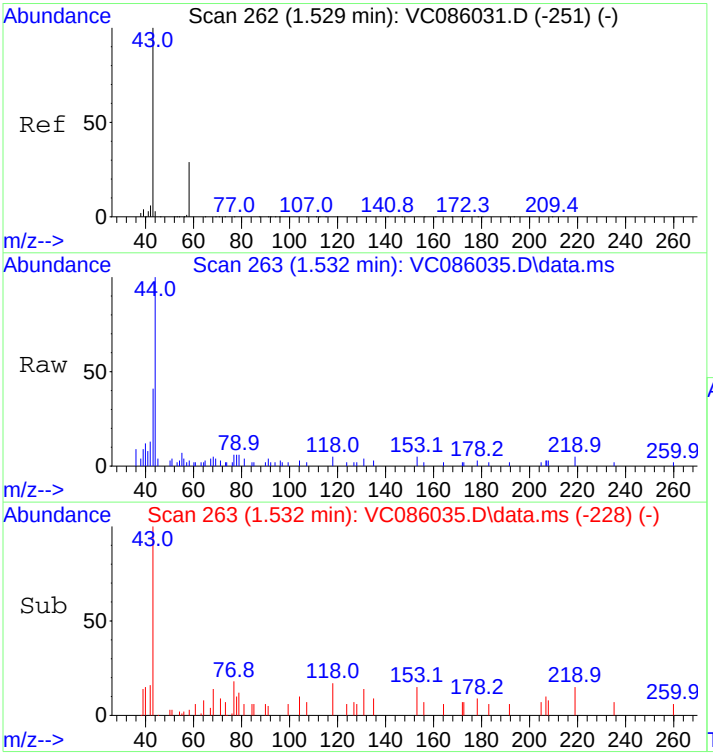


#5
CHLOROMETHANE
Concen: 0.10 UG/L
RT: 0.913 min Scan# 41
Delta R.T. 0.001 min
Lab File: VC086035.D
Acq: 26 Mar 2012 10:54 pm

Tgt Ion: 50 Resp: 672

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

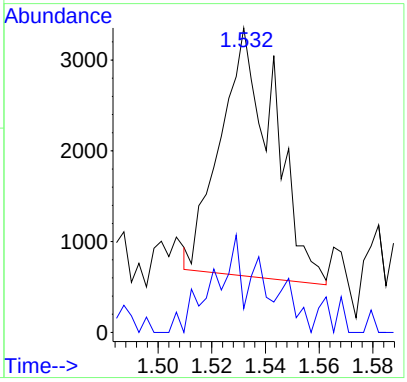


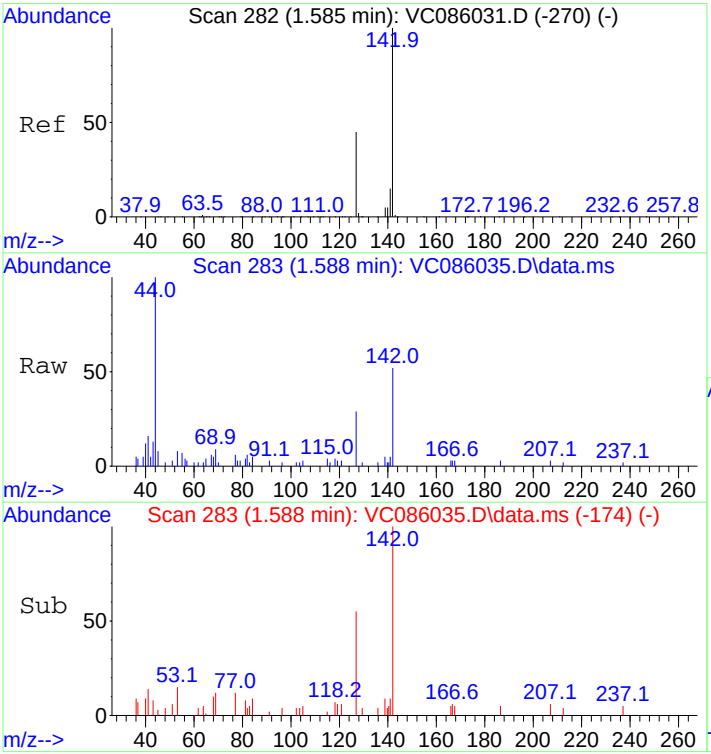


#14
ACETONE
Concen: 1.94 UG/L m
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC086035.D
Acq: 26 Mar 2012 10:54 pm

Tgt Ion: 43 Resp: 3793

Ion	Ratio	Lower	Upper
43	100		
58	19.9	23.8	35.6#

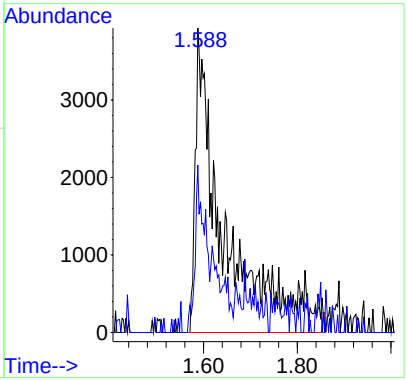


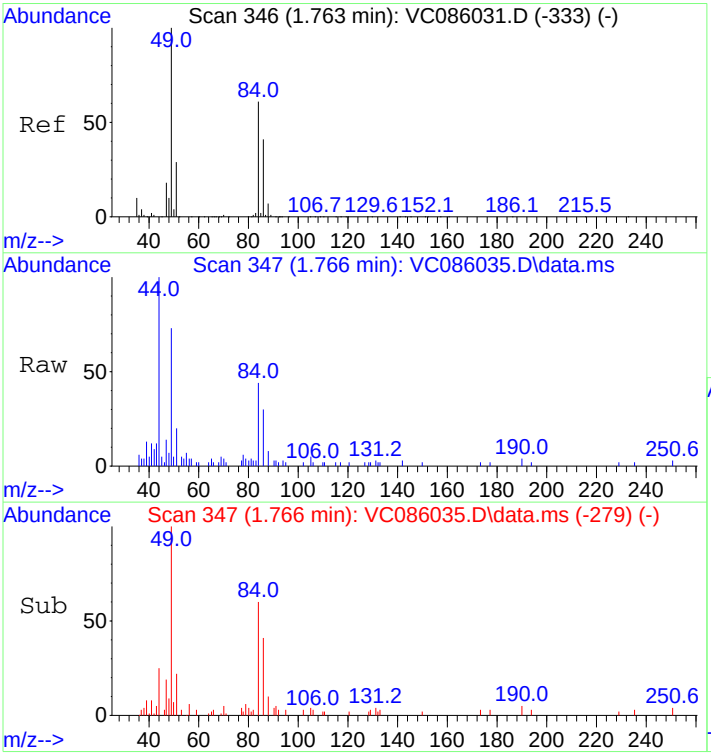


#17
IODOMETHANE
Concen: 1.44 UG/L m
RT: 1.588 min Scan# 283
Delta R.T. 0.004 min
Lab File: VC086035.D
Acq: 26 Mar 2012 10:54 pm

Tgt Ion:142 Resp: 16456

Ion	Ratio	Lower	Upper
142	100		
127	18.6	36.8	55.2#

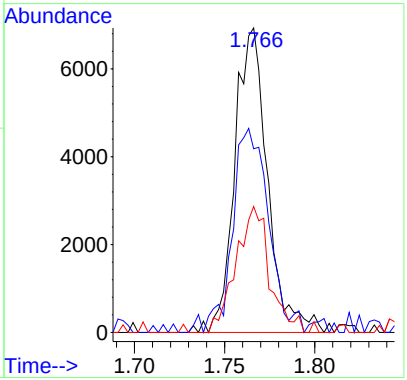


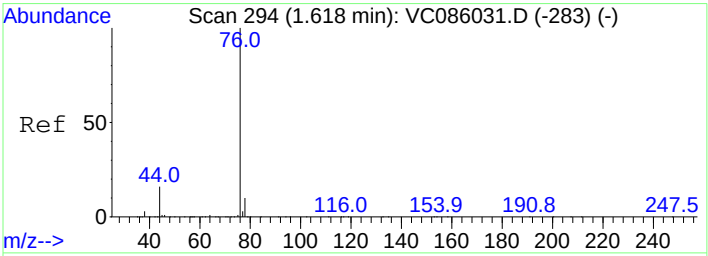


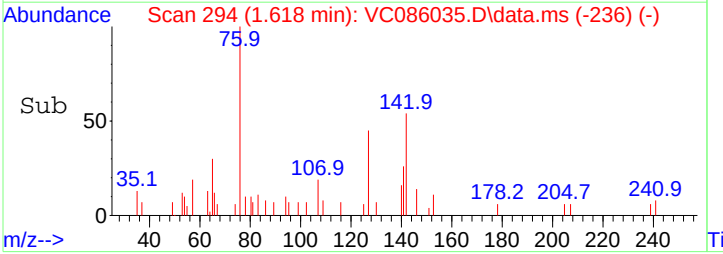
#23
METHYLENE CHLORIDE
Concen: 0.74 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC086035.D
Acq: 26 Mar 2012 10:54 pm

Tgt Ion: 49 Resp: 8785

Ion	Ratio	Lower	Upper
49	100		
84	73.1	57.8	86.6
86	42.3	37.1	55.7



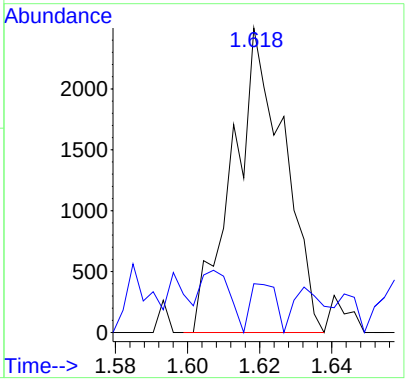




#24
CARBON DISULFIDE
Concen: 0.13 UG/L
RT: 1.618 min Scan# 294
Delta R.T. -0.003 min
Lab File: VC086035.D
Acq: 26 Mar 2012 10:54 pm

Tgt Ion: 76 Resp: 2475

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0



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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03	File ID:	VC086040.D
Sampled:	03/19/12 08:47	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03	File ID:	VC086040.D
Sampled:	03/19/12 08:47	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03	File ID:	VC086040.D
Sampled:	03/19/12 08:47	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03	File ID:	VC086040.D
Sampled:	03/19/12 08:47	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086040.D
Acq On : 27 Mar 2012 1:24 am
Operator :
Sample : 12C0572-03 Inst : GCMSVOA3
Misc :
ALS Vial : 37 Sample Multiplier: 1

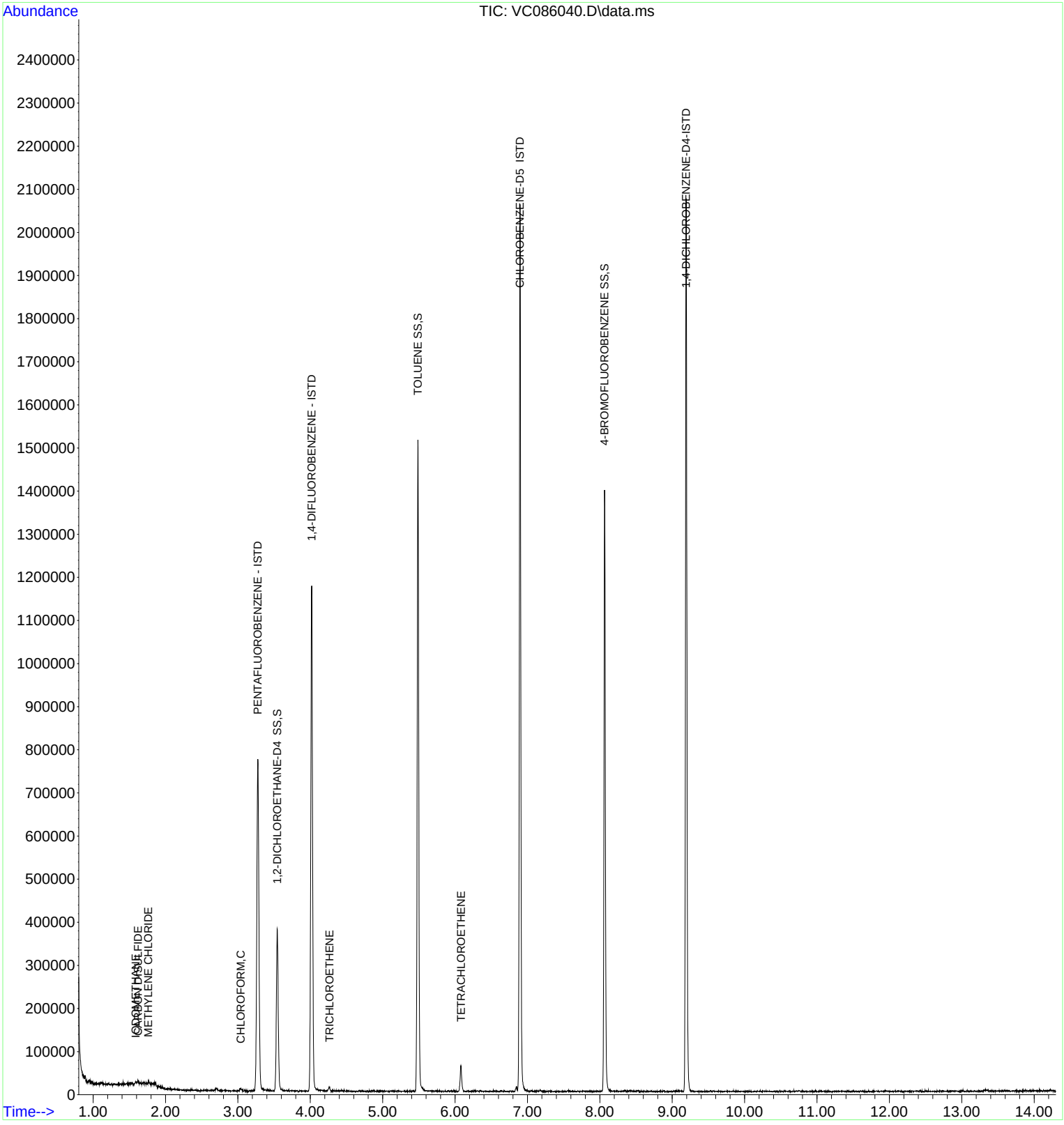
Quant Time: Mar 27 13:13:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

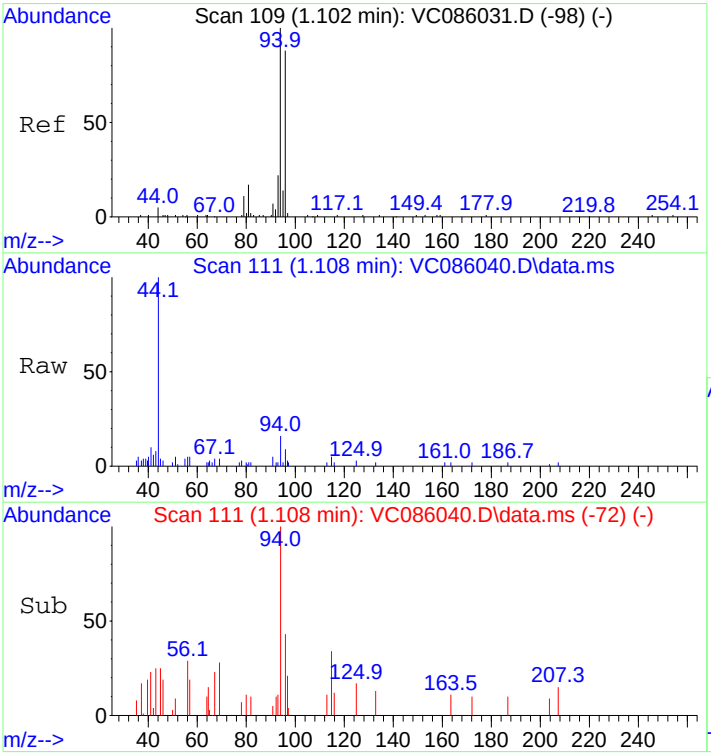
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	573881	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	918102	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482599	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	476610	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	238530	26.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%			
49) TOLUENE SS	5.486	98	838429	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	393079	24.55	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.20%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	1326	Below Cal		87
17) IODOMETHANE	1.588	142	7602m	0.66	UG/L	
23) METHYLENE CHLORIDE	1.763	49	2410	0.20	UG/L	99
24) CARBON DISULFIDE	1.621	76	2978	0.16	UG/L #	100
40) CHLOROFORM	3.041	83	4086m	0.18	UG/L	
51) TRICHLOROETHENE	4.268	95	2679	0.19	UG/L #	49
66) TETRACHLOROETHENE	6.083	166	13937	0.93	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086040.D
Acq On : 27 Mar 2012 1:24 am
Operator :
Sample : 12C0572-03 Inst : GCMSVOA3
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Mar 27 13:13:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

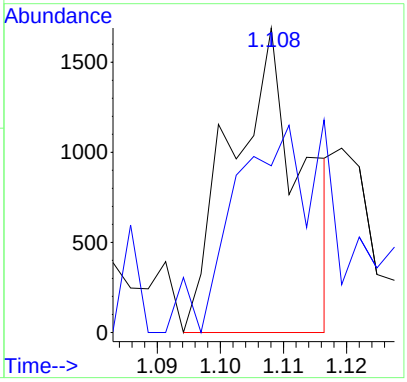


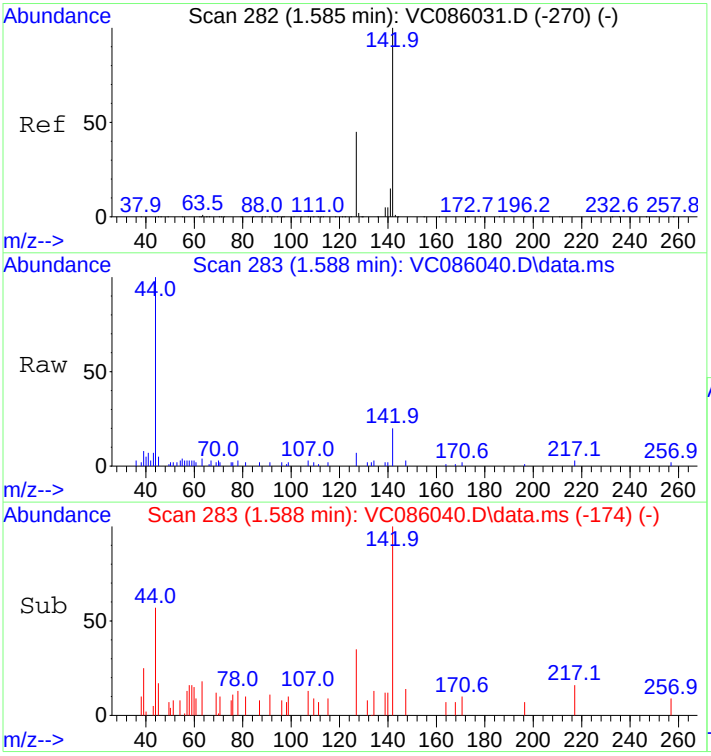


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion: 94 Resp: 1326

Ion	Ratio	Lower	Upper
94	100		
96	108.3	76.2	114.2

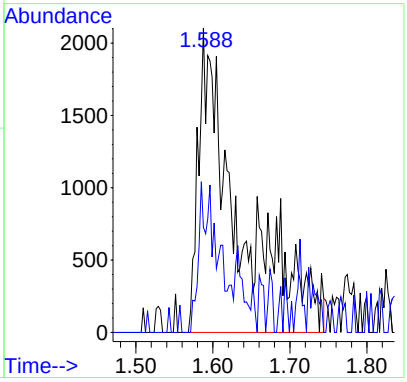


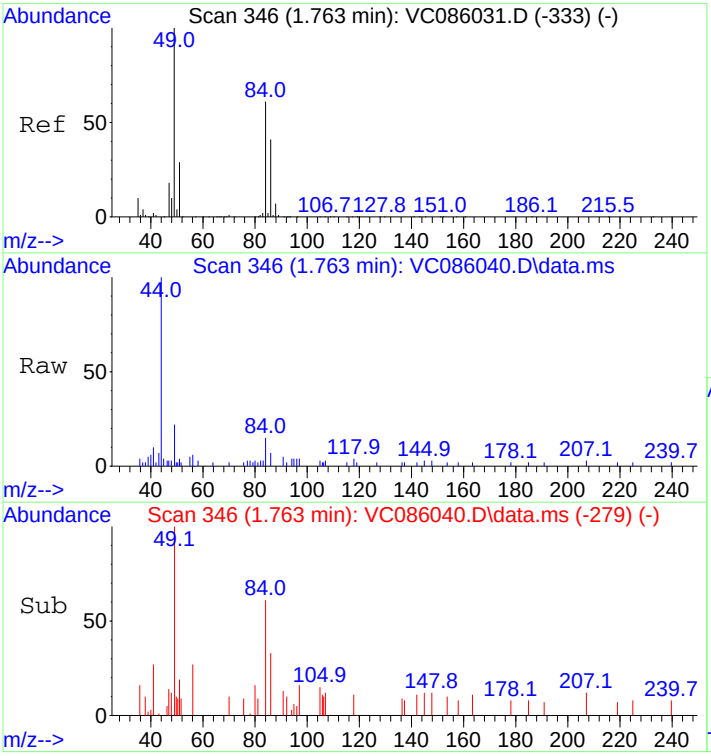


#17
IODOMETHANE
Concen: 0.66 UG/L m
RT: 1.588 min Scan# 283
Delta R.T. 0.004 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion:142 Resp: 7602

Ion	Ratio	Lower	Upper
142	100		
127	8.4	36.8	55.2#

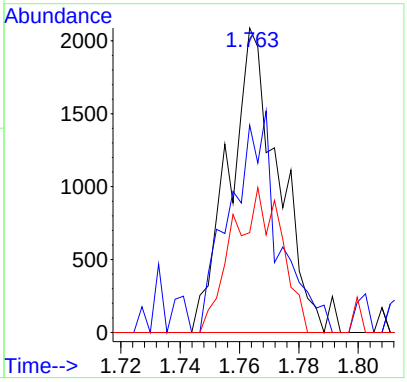


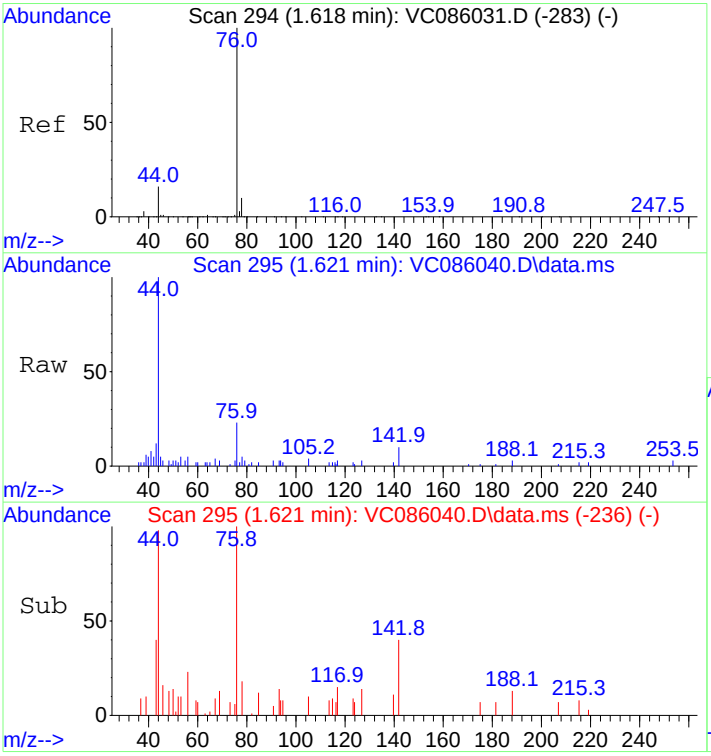


#23
METHYLENE CHLORIDE
Concen: 0.20 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion: 49 Resp: 2410

Ion	Ratio	Lower	Upper
49	100		
84	71.3	57.8	86.6
86	47.1	37.1	55.7

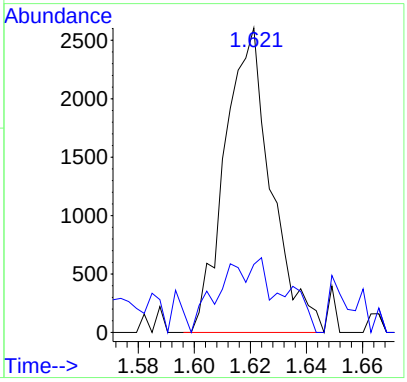


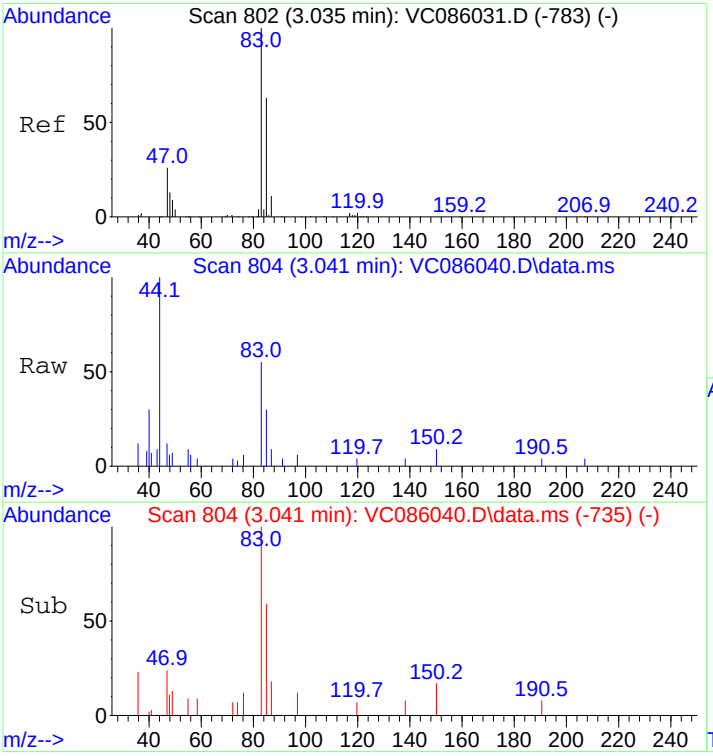


#24
CARBON DISULFIDE
Concen: 0.16 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion: 76 Resp: 2978

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

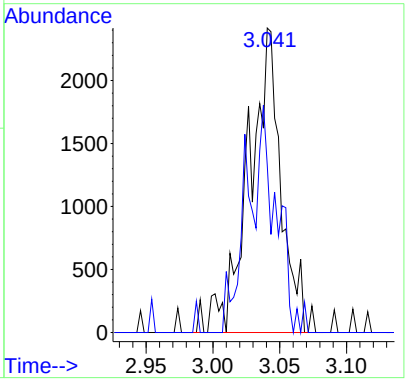


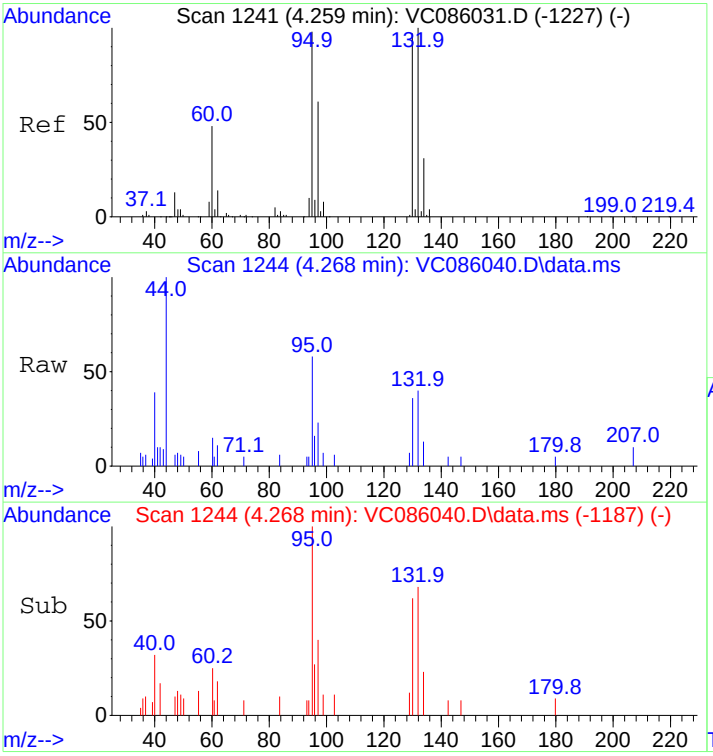


#40
CHLOROFORM
Concen: 0.18 UG/L m
RT: 3.041 min Scan# 804
Delta R.T. 0.003 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion: 83 Resp: 4086

Ion	Ratio	Lower	Upper
83	100		
85	38.6	51.8	77.6#

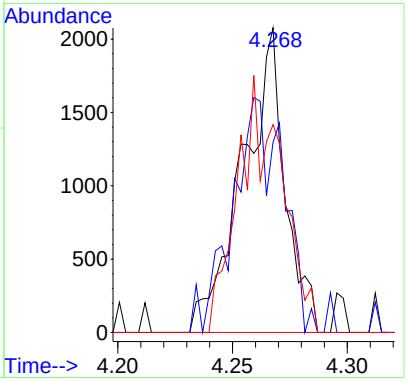


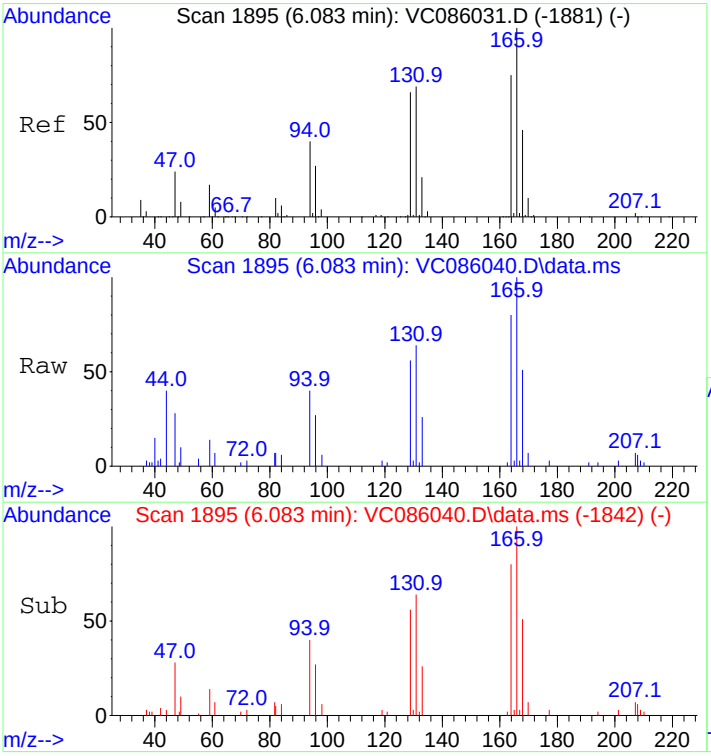


#51
TRICHLOROETHENE
Concen: 0.19 UG/L
RT: 4.268 min Scan# 1244
Delta R.T. 0.009 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion: 95 Resp: 2679

Ion	Ratio	Lower	Upper
95	100		
130	59.9	83.0	124.4#
132	45.6	85.1	127.7#

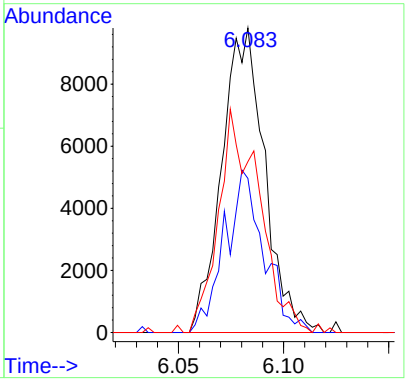




#66
TETRACHLOROETHENE
Concen: 0.93 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC086040.D
Acq: 27 Mar 2012 1:24 am

Tgt Ion:166 Resp: 13937

Ion	Ratio	Lower	Upper
166	100		
168	48.8	38.0	57.0
129	70.0	55.4	83.2



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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04	File ID:	VC086041.D
Sampled:	03/19/12 09:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04	File ID:	VC086041.D
Sampled:	03/19/12 09:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04	File ID:	VC086041.D
Sampled:	03/19/12 09:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	18	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04	File ID:	VC086041.D
Sampled:	03/19/12 09:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 01:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

100

Data Path : X:\1\DATA\032612\
Data File : VC086041.D
Acq On : 27 Mar 2012 1:54 am
Operator :
Sample : 12C0572-04 Inst : GCMSVOA3
Misc :
ALS Vial : 38 Sample Multiplier: 1

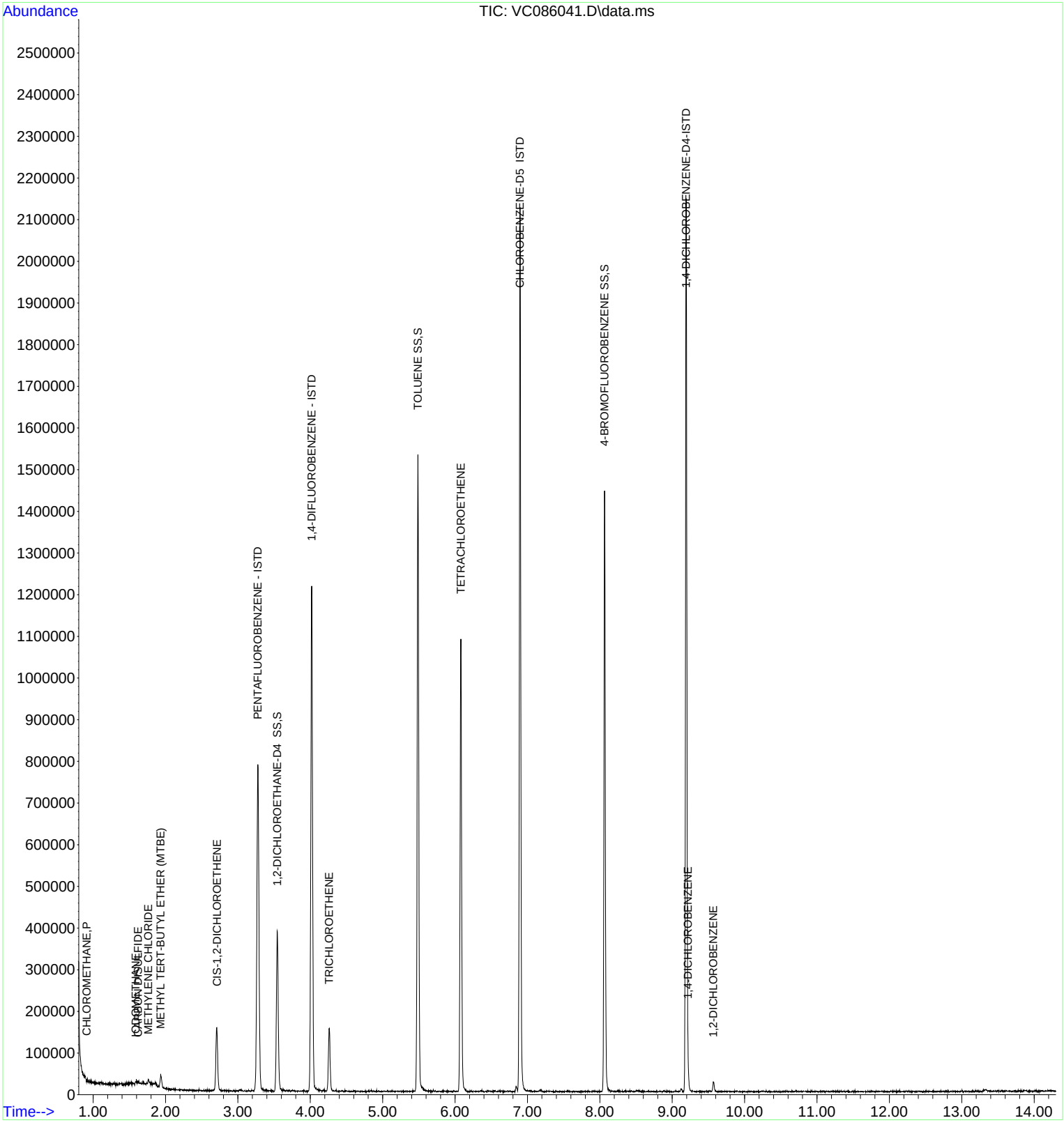
Quant Time: Mar 27 13:29:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

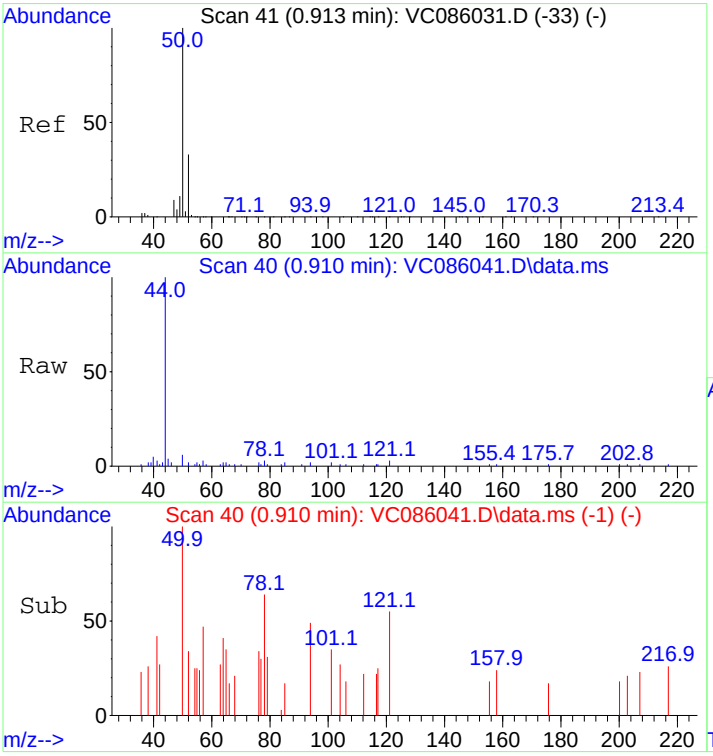
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	589846	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	932079	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	500697	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	481181	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	243774	26.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.00%			
49) TOLUENE SS	5.486	98	863476	25.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398820	24.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.04%			
Target Compounds						Qvalue
5) CHLOROMETHANE	0.910	50	1009	0.15	UG/L #	41
7) BROMOMETHANE	1.102	94	993	Below Cal	#	74
17) IODOMETHANE	1.590	142	4001	0.34	UG/L #	52
23) METHYLENE CHLORIDE	1.763	49	3783	0.31	UG/L	91
24) CARBON DISULFIDE	1.621	76	2208	0.12	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	21329	0.72	UG/L	95
33) CIS-1,2-DICHLOROETHENE	2.711	61	78121	3.39	UG/L	92
51) TRICHLOROETHENE	4.259	95	43913	3.09	UG/L	99
66) TETRACHLOROETHENE	6.080	166	276185	18.09	UG/L	100
95) 1,4-DICHLOROBENZENE	9.217	146	9710	0.34	UG/L #	75
97) 1,2-DICHLOROBENZENE	9.569	146	7976	0.31	UG/L #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086041.D
Acq On : 27 Mar 2012 1:54 am
Operator :
Sample : 12C0572-04 Inst : GCMSVOA3
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Mar 27 13:29:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

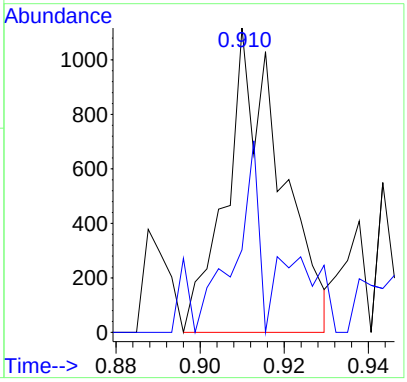


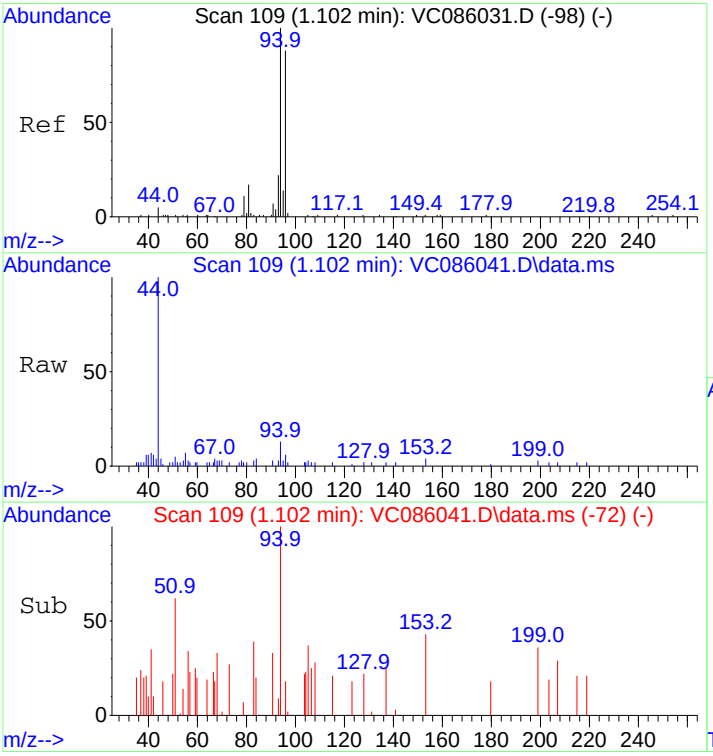


#5
CHLOROMETHANE
Concen: 0.15 UG/L
RT: 0.910 min Scan# 40
Delta R.T. -0.002 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 50 Resp: 1009

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

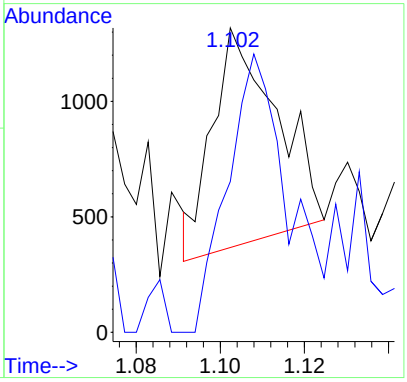


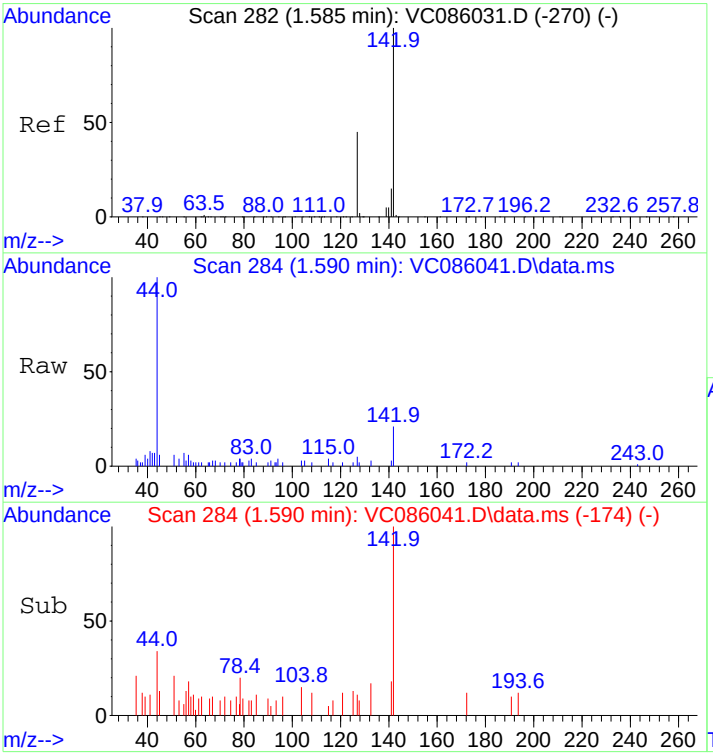


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 94 Resp: 993

Ion	Ratio	Lower	Upper
94	100		
96	120.9	76.2	114.2#

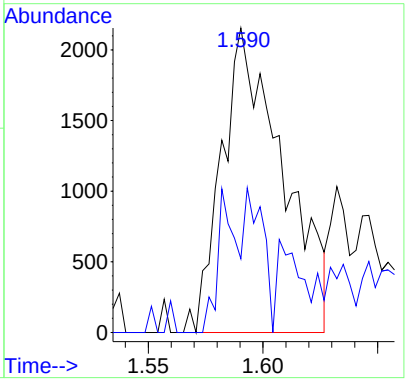


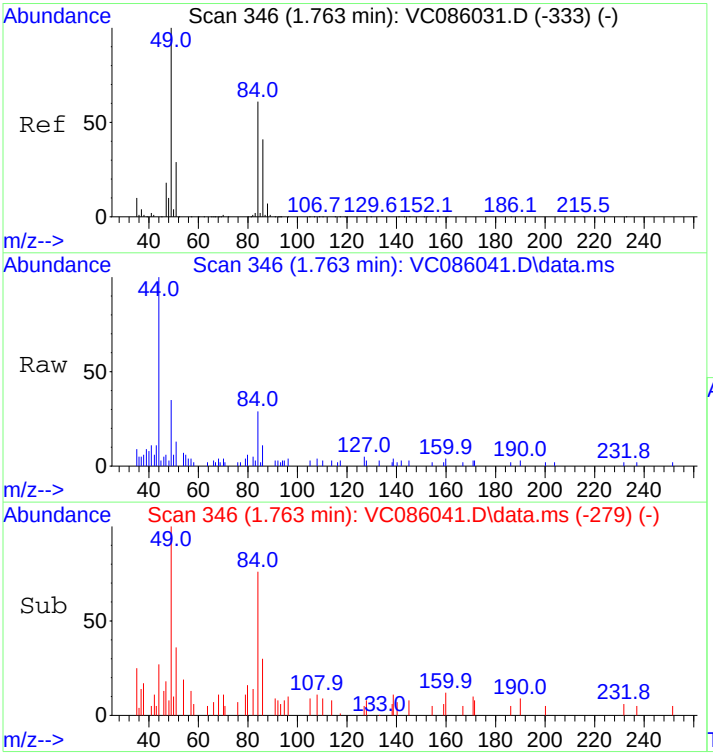


#17
IODOMETHANE
Concen: 0.34 UG/L
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion:142 Resp: 4001

Ion	Ratio	Lower	Upper
142	100		
127	13.9	36.8	55.2#

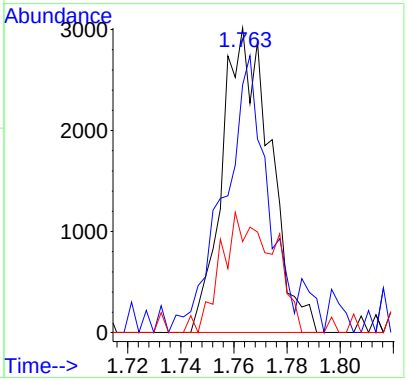


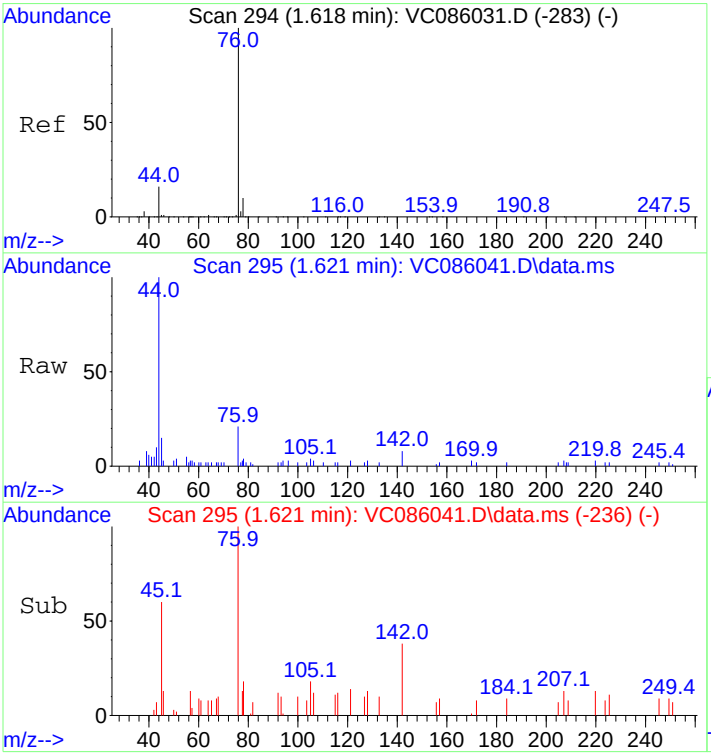


#23
METHYLENE CHLORIDE
Concen: 0.31 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 49 Resp: 3783

Ion	Ratio	Lower	Upper
49	100		
84	81.6	57.8	86.6
86	42.8	37.1	55.7

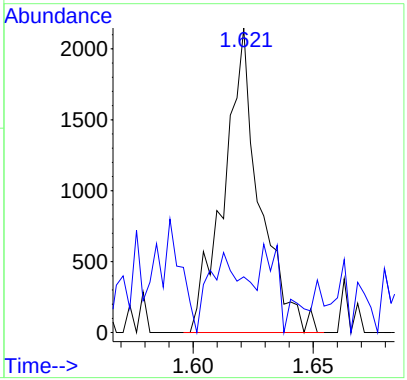


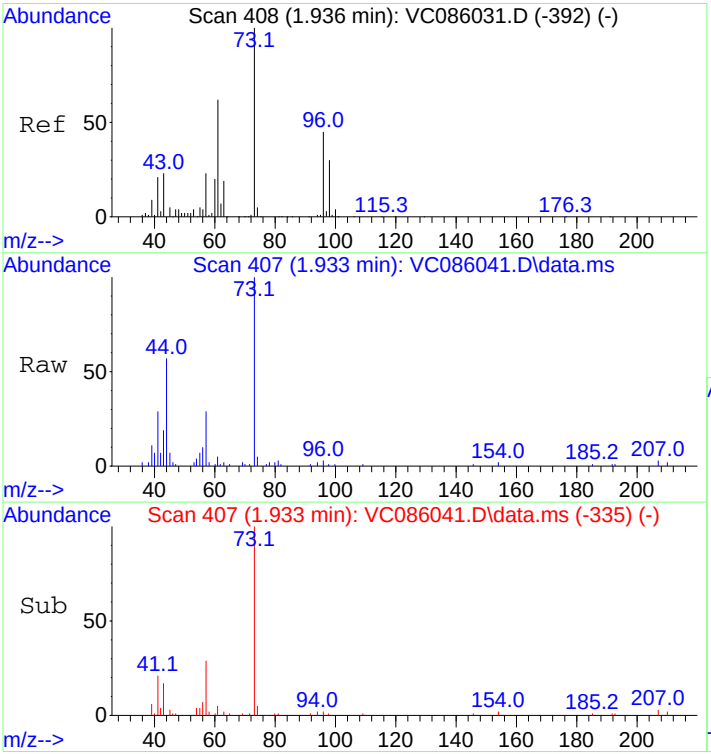


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 76 Resp: 2208

Ion	Ratio	Lower	Upper
76	100		
78	24.7	0.0	0.0#

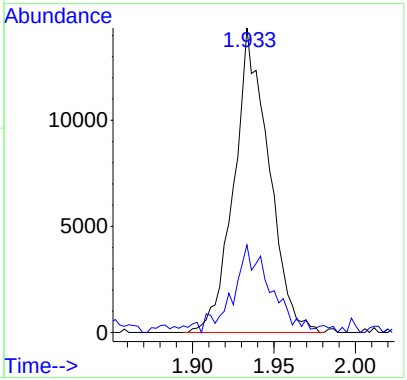


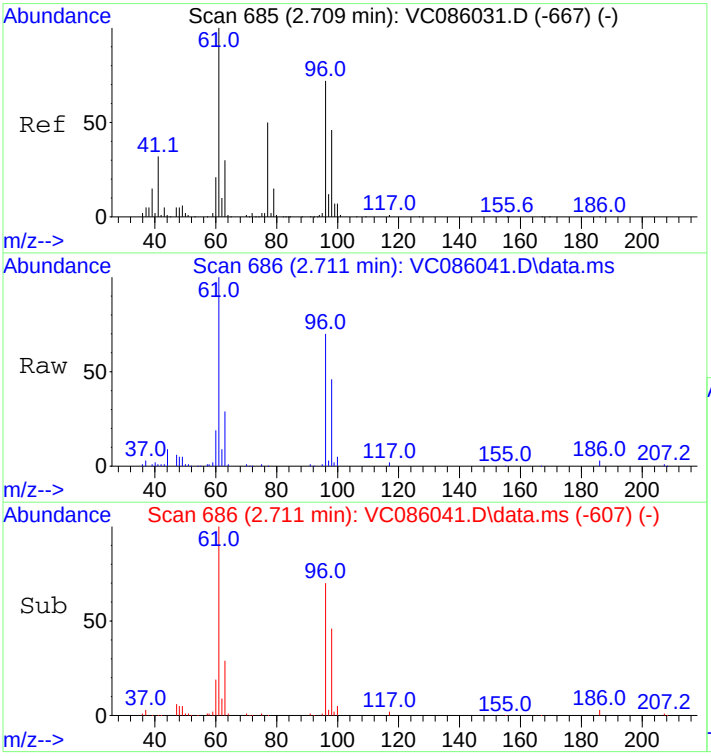


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.72 UG/L
RT: 1.933 min Scan# 407
Delta R.T. 0.000 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 73 Resp: 21329

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.9	28.3

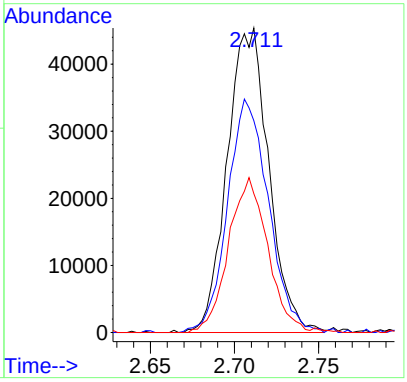


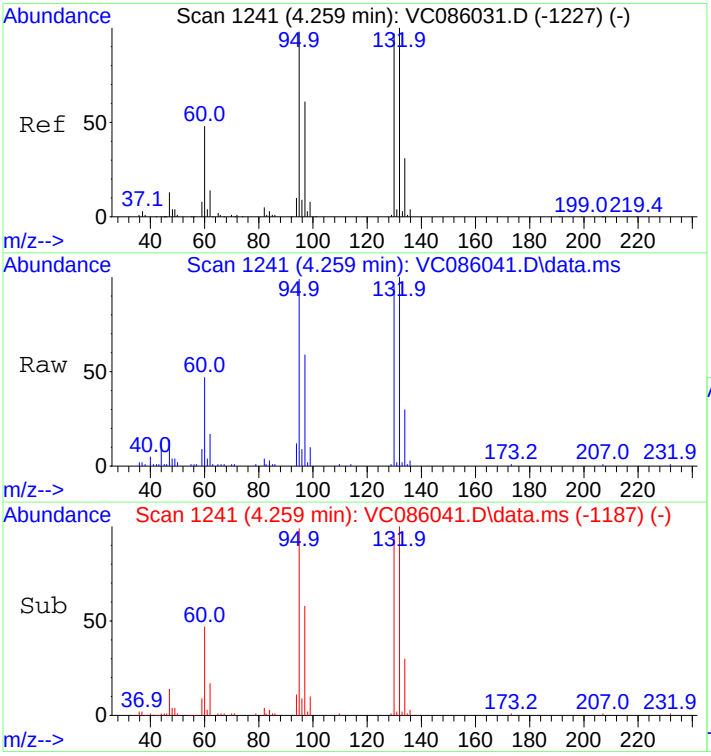


#33
CIS-1,2-DICHLOROETHENE
Concen: 3.39 UG/L
RT: 2.711 min Scan# 686
Delta R.T. 0.006 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 61 Resp: 78121

Ion	Ratio	Lower	Upper
61	100		
96	75.7	54.4	81.6
98	48.0	35.1	52.7

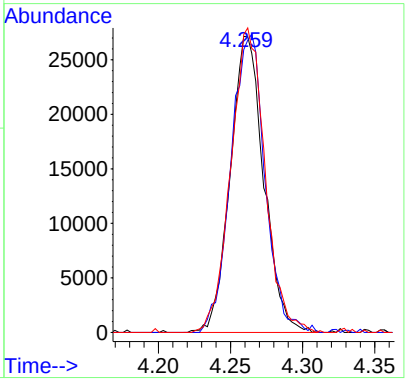


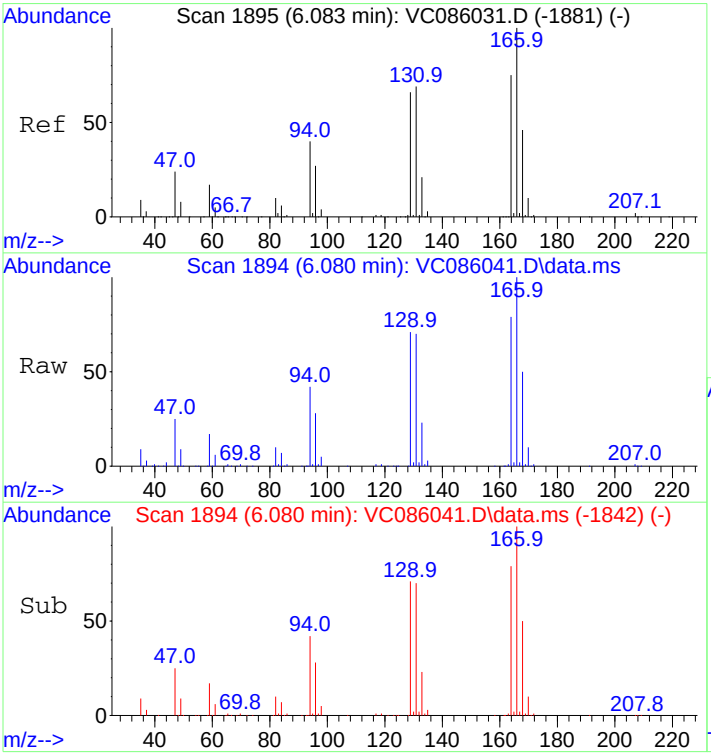


#51
TRICHLOROETHENE
Concen: 3.09 UG/L
RT: 4.259 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion: 95 Resp: 43913

Ion	Ratio	Lower	Upper
95	100		
130	102.6	83.0	124.4
132	104.9	85.1	127.7

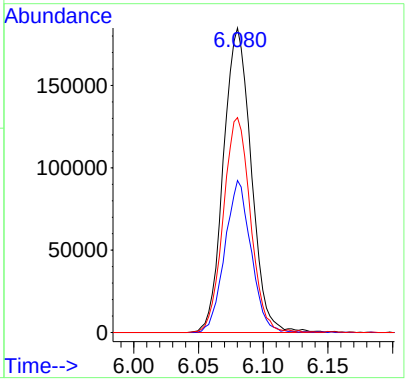


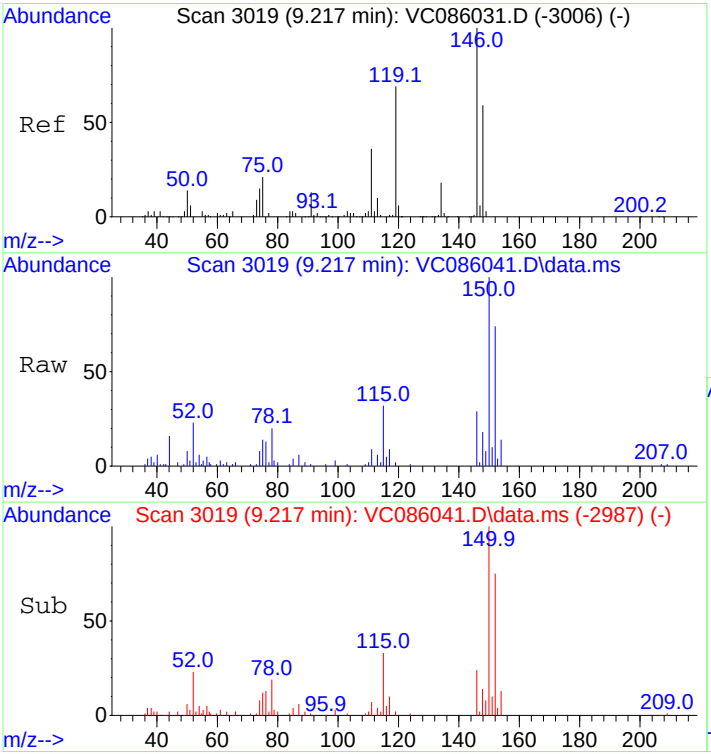


#66
TETRACHLOROETHENE
Concen: 18.09 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion:166 Resp: 276185

Ion	Ratio	Lower	Upper
166	100		
168	47.2	38.0	57.0
129	69.1	55.4	83.2

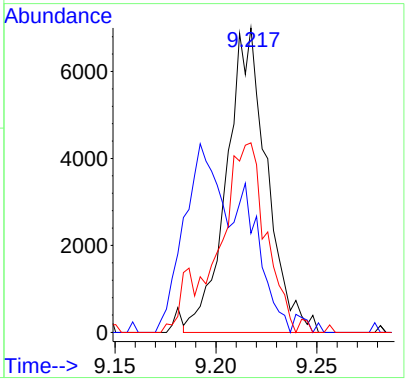


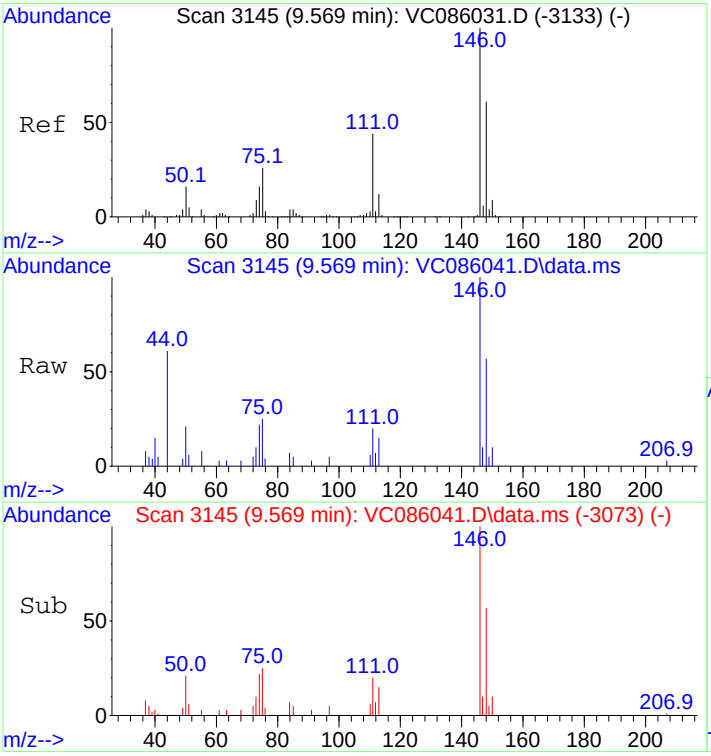


#95
1,4-DICHLOROBENZENE
Concen: 0.34 UG/L
RT: 9.217 min Scan# 3019
Delta R.T. 0.003 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion:146 Resp: 9710

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.0	46.6#
148	63.3	51.2	76.8

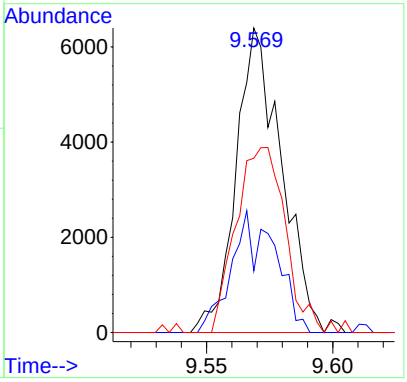




#97
1,2-DICHLOROBENZENE
Concen: 0.31 UG/L
RT: 9.569 min Scan# 3145
Delta R.T. 0.000 min
Lab File: VC086041.D
Acq: 27 Mar 2012 1:54 am

Tgt Ion:146 Resp: 7976

Ion	Ratio	Lower	Upper
146	100		
111	19.8	33.2	49.8#
148	65.9	51.0	76.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05	File ID:	VC086042.D
Sampled:	03/19/12 09:48	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05	File ID:	VC086042.D
Sampled:	03/19/12 09:48	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05	File ID:	VC086042.D
Sampled:	03/19/12 09:48	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	18	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.3	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05	File ID:	VC086042.D
Sampled:	03/19/12 09:48	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086042.D
Acq On : 27 Mar 2012 2:24 am
Operator :
Sample : 12C0572-05 Inst : GCMSVOA3
Misc :
ALS Vial : 39 Sample Multiplier: 1

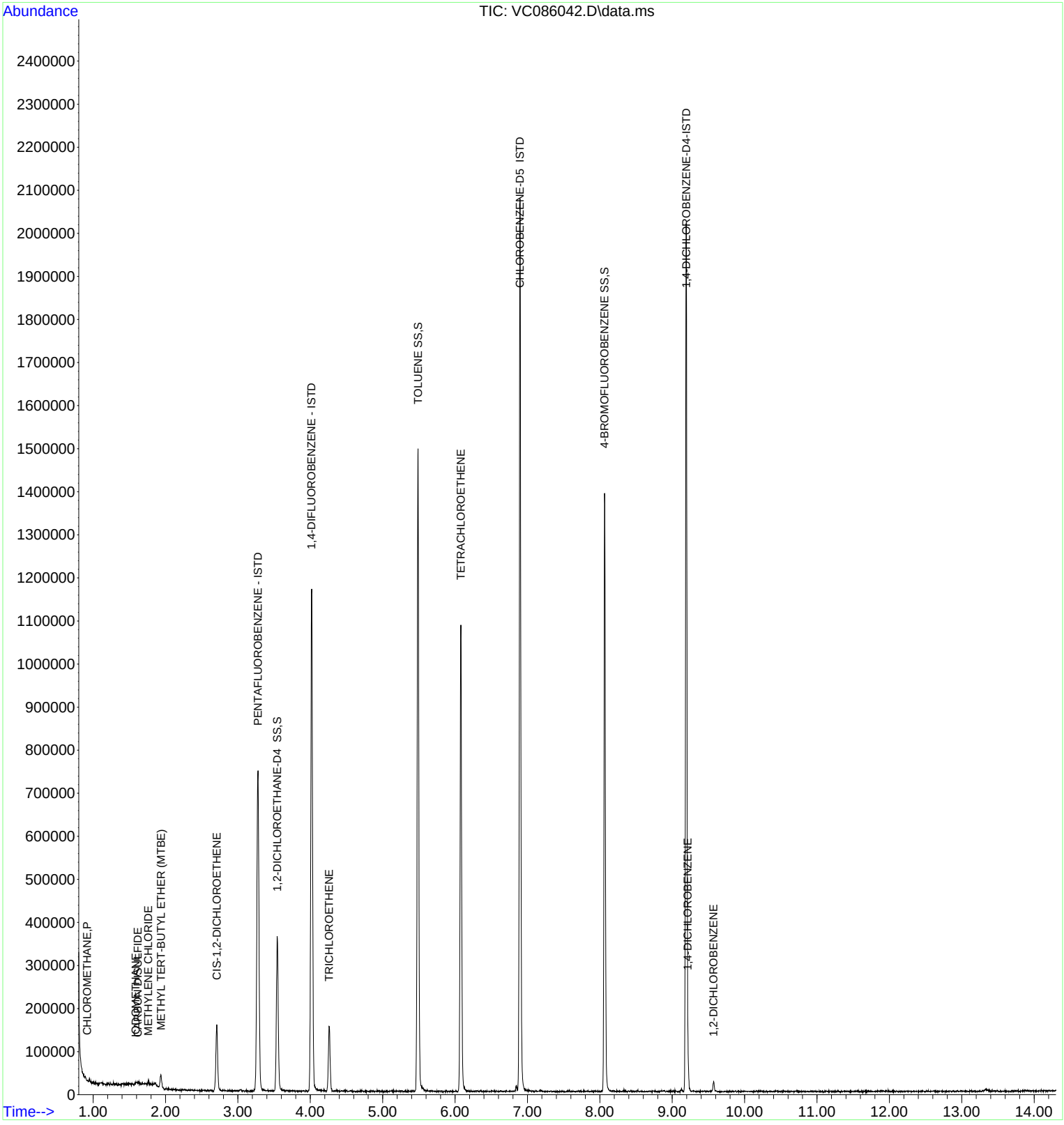
Quant Time: Mar 27 13:32:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

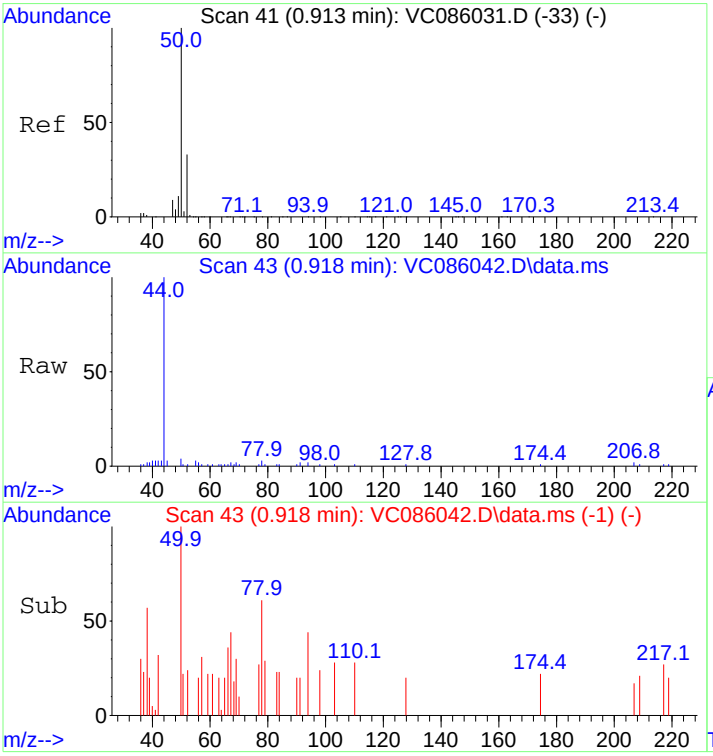
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	565415	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	912824	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	478542	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	457961	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	228135	25.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.52%			
49) TOLUENE SS	5.489	98	838263	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	380683	23.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.92%			
Target Compounds						Qvalue
5) CHLOROMETHANE	0.918	50	662	0.10	UG/L #	41
7) BROMOMETHANE	1.113	94	870	Below Cal	#	40
17) IODOMETHANE	1.590	142	5724m	0.50	UG/L	
23) METHYLENE CHLORIDE	1.760	49	2360	0.20	UG/L	90
24) CARBON DISULFIDE	1.615	76	1954	0.11	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	20827	0.73	UG/L	96
33) CIS-1,2-DICHLOROETHENE	2.709	61	79296	3.59	UG/L	95
51) TRICHLOROETHENE	4.259	95	45435	3.26	UG/L	94
66) TETRACHLOROETHENE	6.080	166	273370	18.28	UG/L	100
95) 1,4-DICHLOROBENZENE	9.214	146	9078	0.33	UG/L #	71
97) 1,2-DICHLOROBENZENE	9.571	146	8057	0.33	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086042.D
Acq On : 27 Mar 2012 2:24 am
Operator :
Sample : 12C0572-05 Inst : GCMSVOA3
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Mar 27 13:32:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

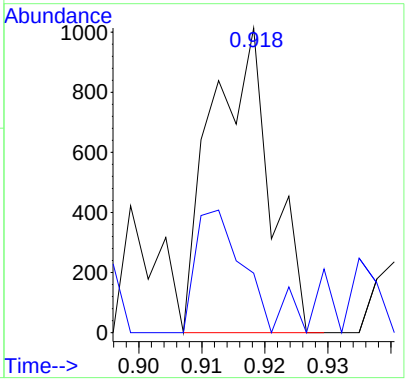


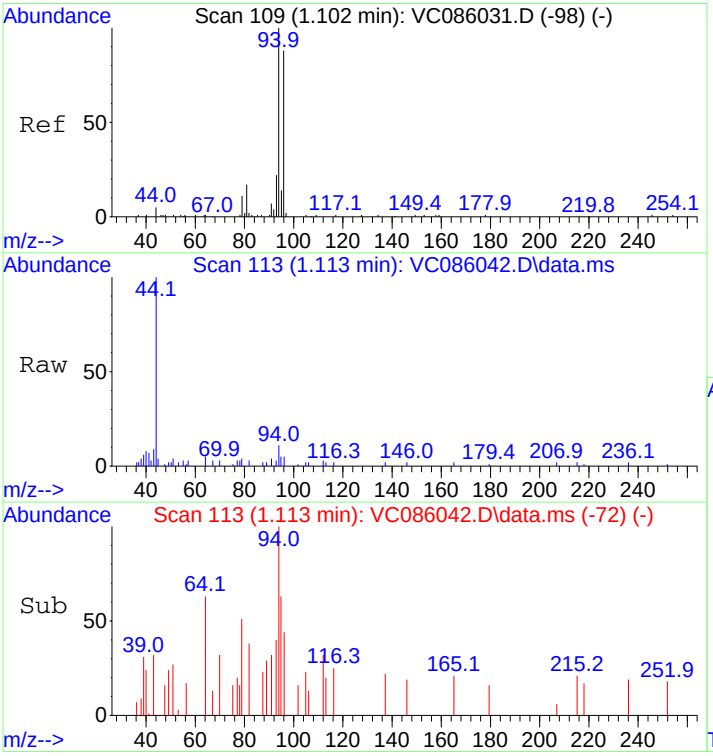


#5
CHLOROMETHANE
Concen: 0.10 UG/L
RT: 0.918 min Scan# 43
Delta R.T. 0.006 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 50 Resp: 662

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

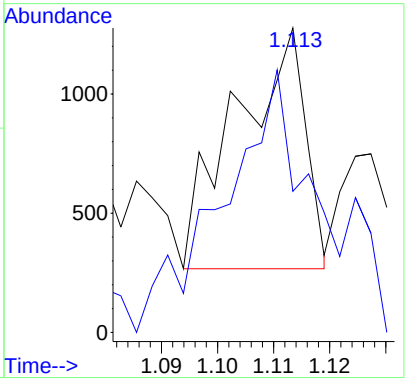


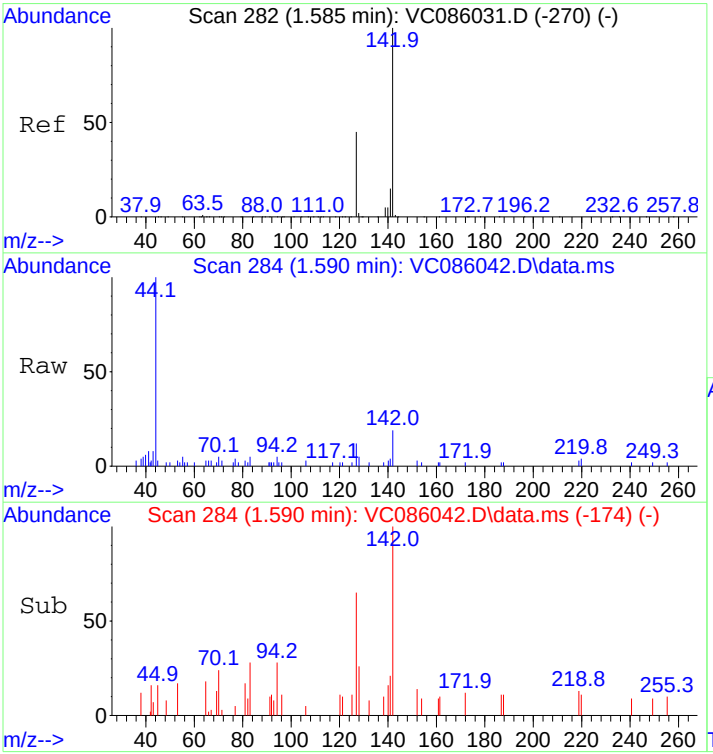


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.113 min Scan# 113
Delta R.T. 0.014 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 94 Resp: 870

Ion	Ratio	Lower	Upper
94	100		
96	153.6	76.2	114.2#

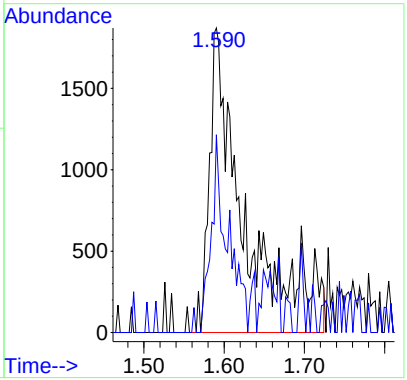


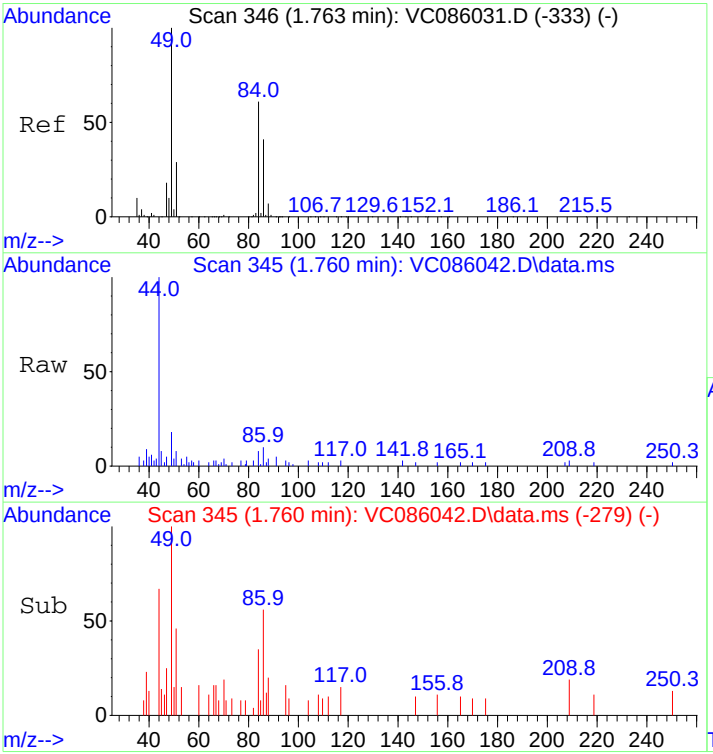


#17
IODOMETHANE
Concen: 0.50 UG/L m
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion:142 Resp: 5724

Ion	Ratio	Lower	Upper
142	100		
127	20.5	36.8	55.2#

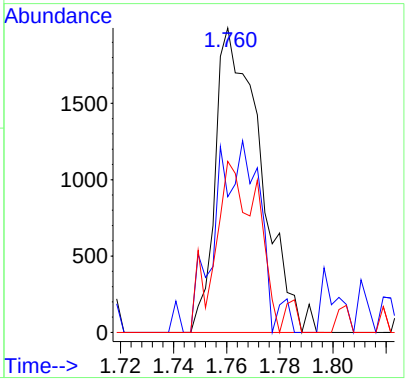


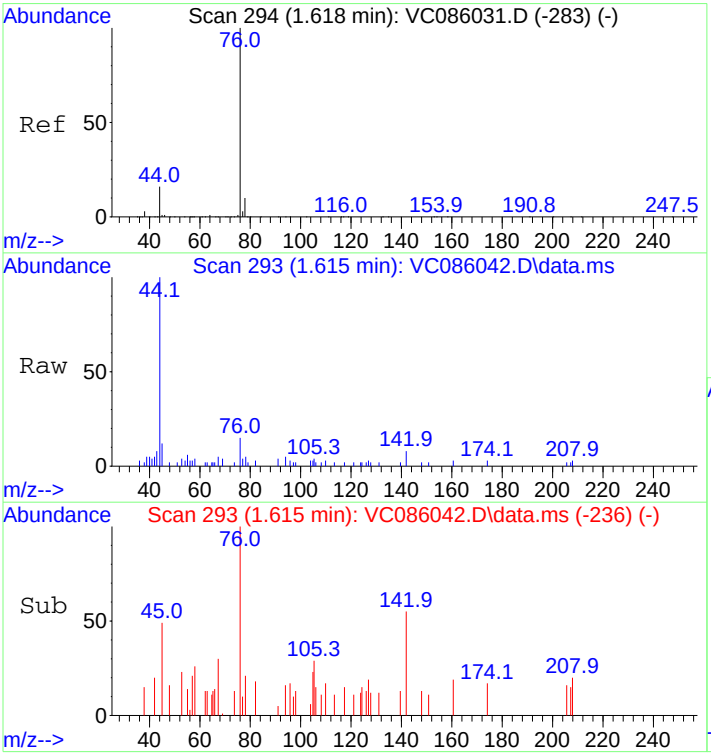


#23
METHYLENE CHLORIDE
Concen: 0.20 UG/L
RT: 1.760 min Scan# 345
Delta R.T. -0.006 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 49 Resp: 2360

Ion	Ratio	Lower	Upper
49	100		
84	63.6	57.8	86.6
86	52.3	37.1	55.7

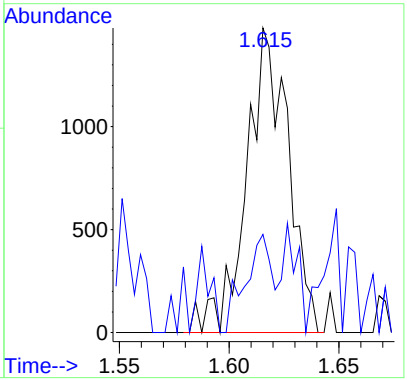


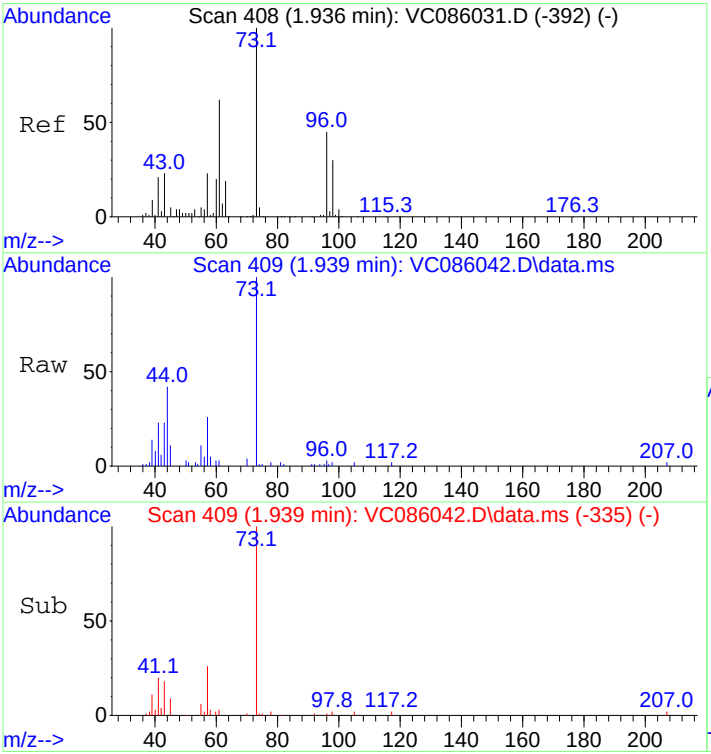


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.615 min Scan# 293
Delta R.T. -0.006 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 76 Resp: 1954

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

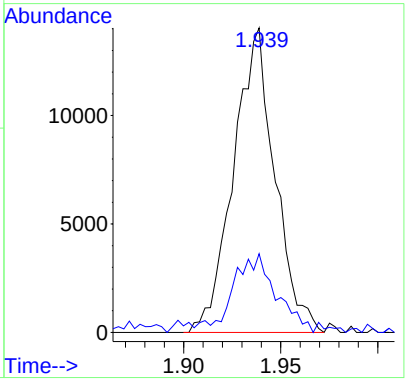


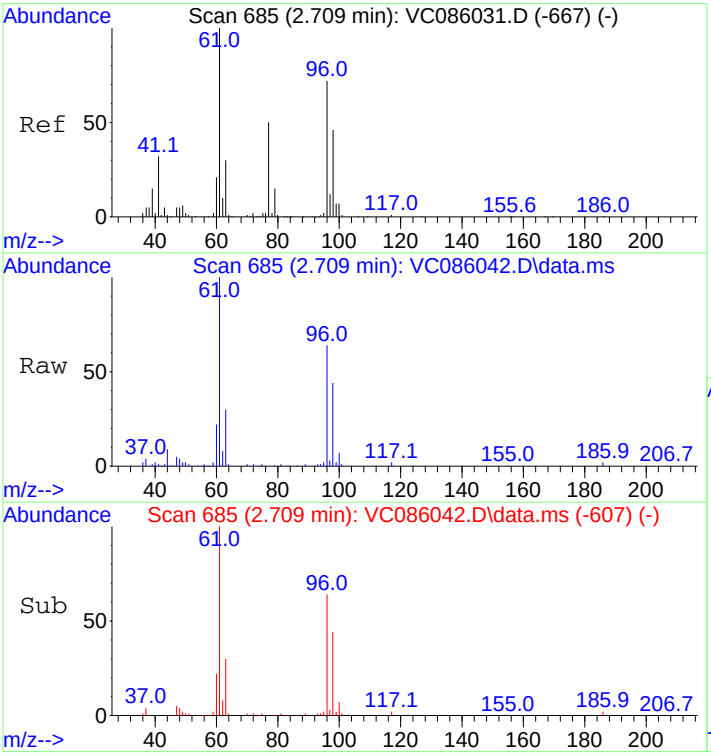


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.73 UG/L
RT: 1.939 min Scan# 409
Delta R.T. 0.006 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 73 Resp: 20827

Ion	Ratio	Lower	Upper
73	100		
57	25.7	18.9	28.3

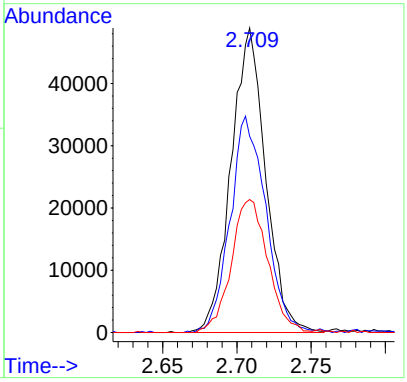


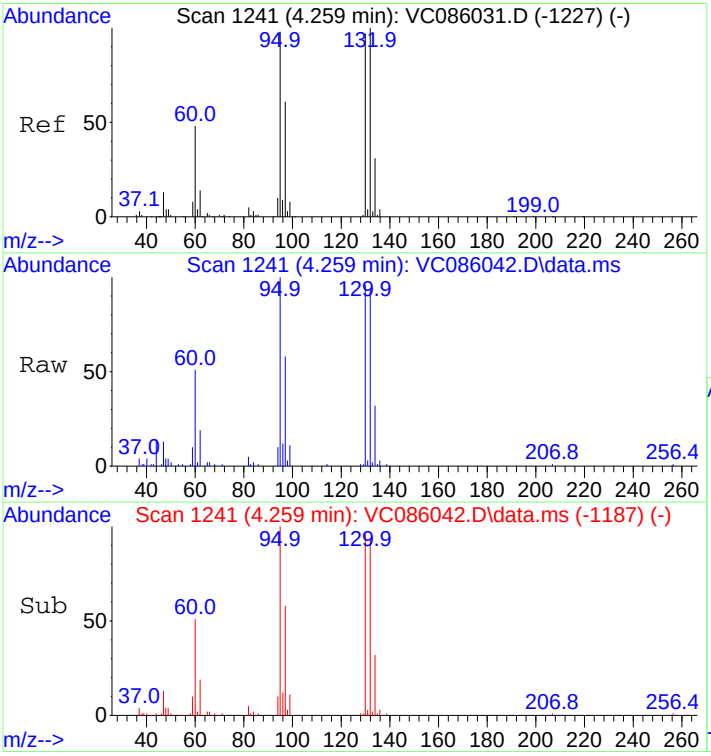


#33
CIS-1,2-DICHLOROETHENE
Concen: 3.59 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 61 Resp: 79296

Ion	Ratio	Lower	Upper
61	100		
96	73.2	54.4	81.6
98	46.2	35.1	52.7

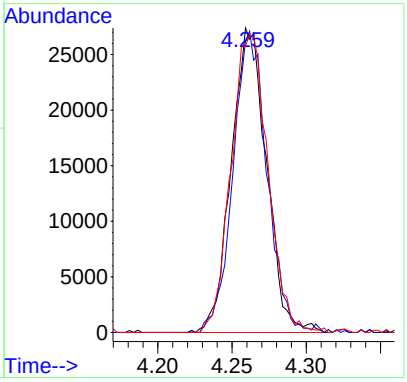


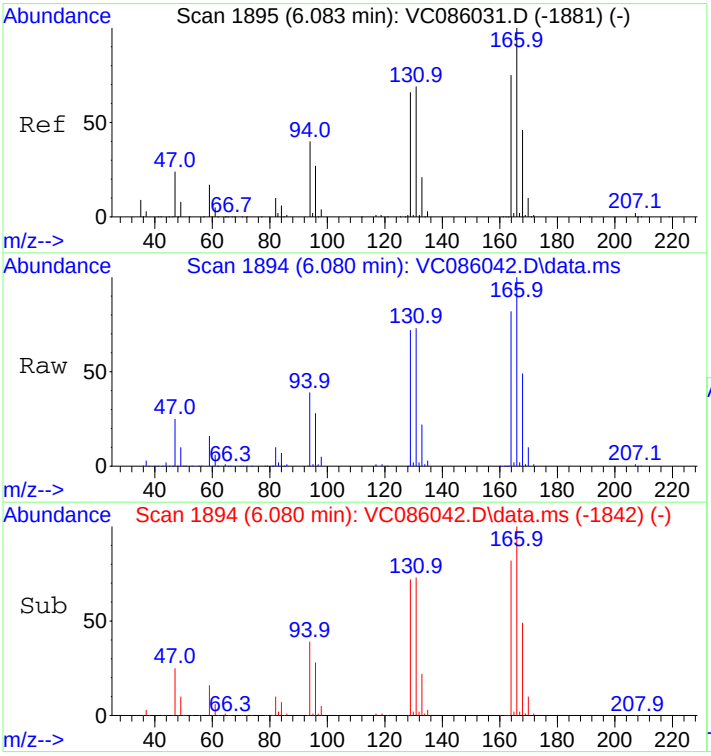


#51
TRICHLOROETHENE
Concen: 3.26 UG/L
RT: 4.259 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion: 95 Resp: 45435

Ion	Ratio	Lower	Upper
95	100		
130	94.9	83.0	124.4
132	102.0	85.1	127.7

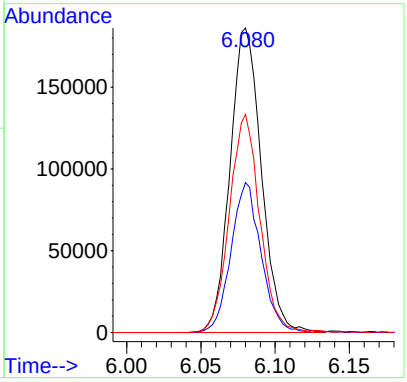


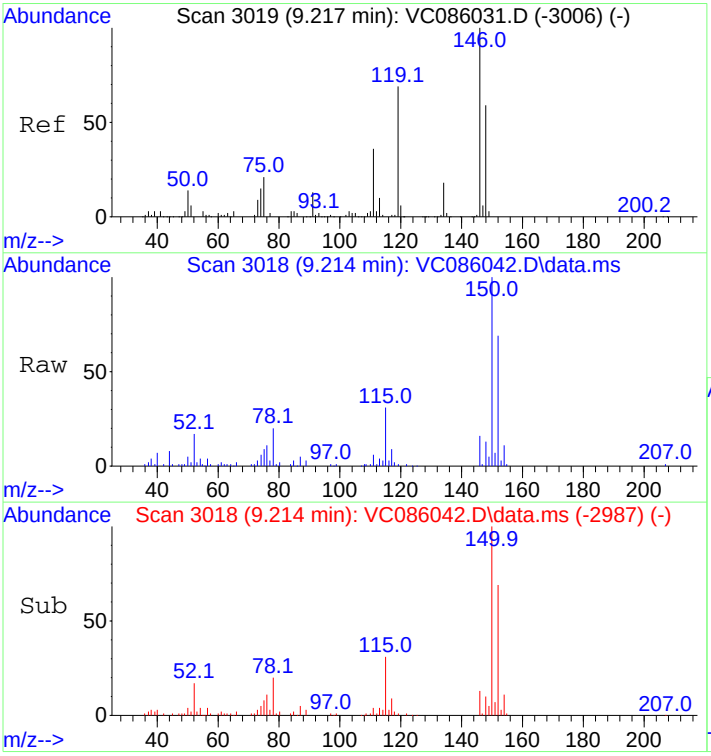


#66
TETRACHLOROETHENE
Concen: 18.28 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion:166 Resp: 273370

Ion	Ratio	Lower	Upper
166	100		
168	47.0	38.0	57.0
129	69.3	55.4	83.2

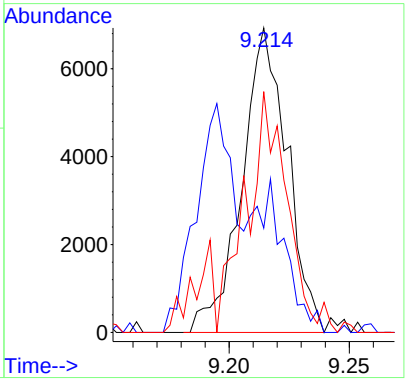


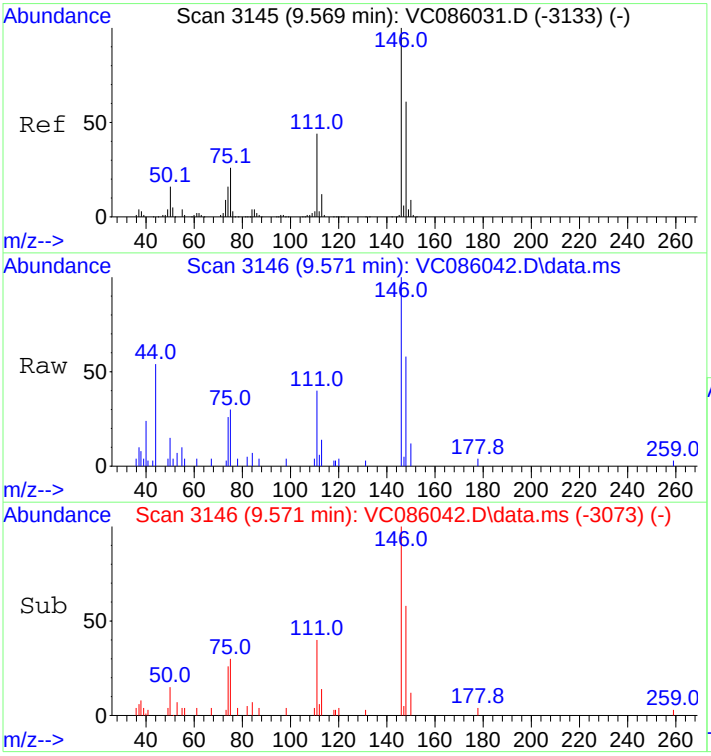


#95
1,4-DICHLOROBENZENE
Concen: 0.33 UG/L
RT: 9.214 min Scan# 3018
Delta R.T. -0.000 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion:146 Resp: 9078

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.0	46.6#
148	69.8	51.2	76.8

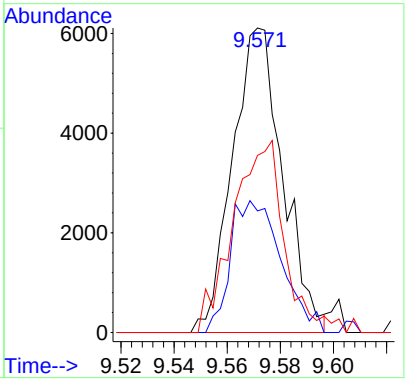




#97
1,2-DICHLOROBENZENE
Concen: 0.33 UG/L
RT: 9.571 min Scan# 3146
Delta R.T. 0.003 min
Lab File: VC086042.D
Acq: 27 Mar 2012 2:24 am

Tgt Ion:146 Resp: 8057

Ion	Ratio	Lower	Upper
146	100		
111	43.6	33.2	49.8
148	64.5	51.0	76.6



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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch4-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-06	File ID:	VC086043.D
Sampled:	03/19/12 11:17	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch4-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-06	File ID:	VC086043.D
Sampled:	03/19/12 11:17	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch4-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-06	File ID:	VC086043.D
Sampled:	03/19/12 11:17	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch4-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-06	File ID:	VC086043.D
Sampled:	03/19/12 11:17	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 02:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086043.D
Acq On : 27 Mar 2012 2:54 am
Operator :
Sample : 12C0572-06 Inst : GCMSVOA3
Misc :
ALS Vial : 40 Sample Multiplier: 1

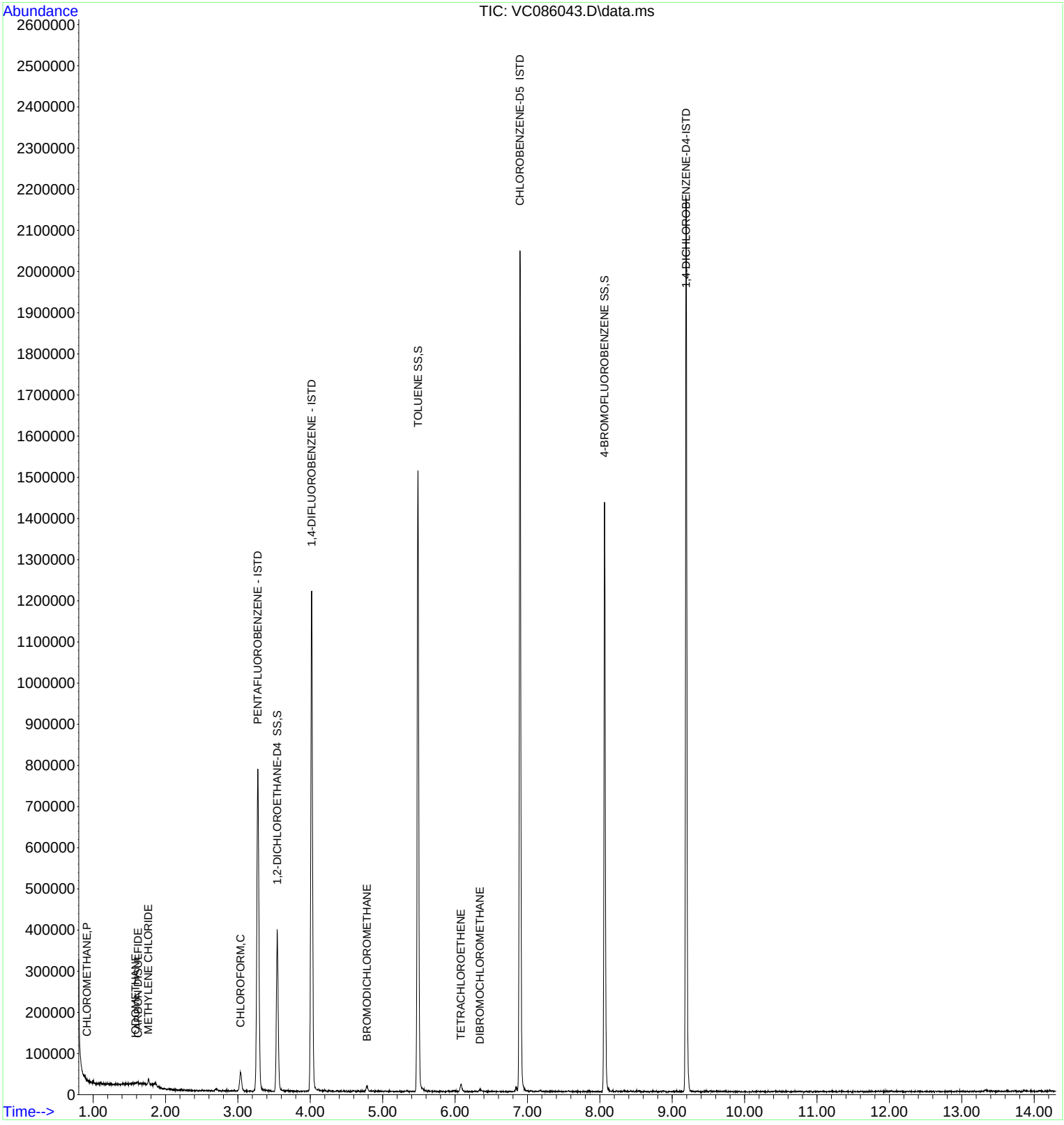
Quant Time: Mar 27 13:39:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

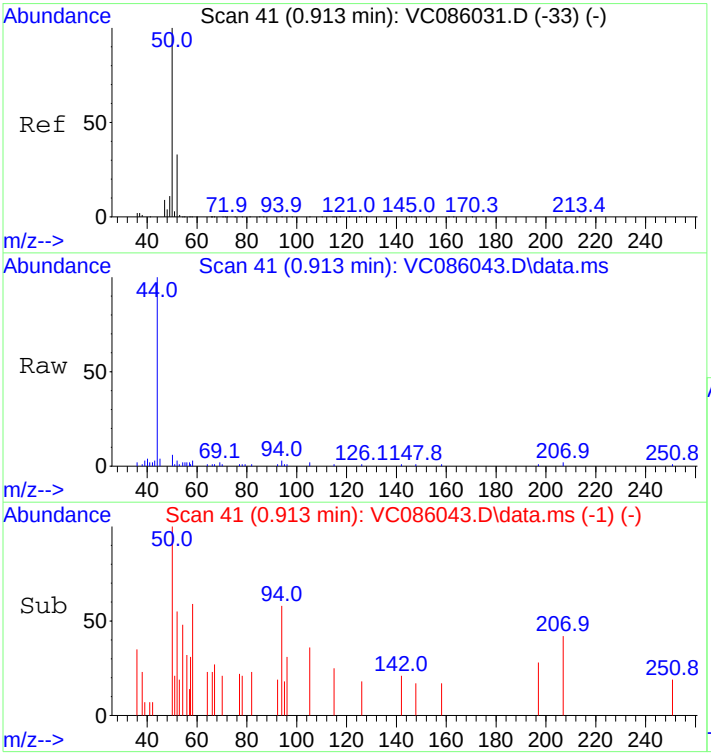
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	584683	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	937315	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	490926	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	481381	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	243490	26.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.76%			
49) TOLUENE SS	5.489	98	858157	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	393946	24.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.76%			
Target Compounds						Qvalue
5) CHLOROMETHANE	0.913	50	1267	0.19	UG/L #	41
7) BROMOMETHANE	1.111	94	1512	Below Cal		92
17) IODOMETHANE	1.585	142	5196m	0.44	UG/L	
23) METHYLENE CHLORIDE	1.763	49	4675	0.38	UG/L #	87
24) CARBON DISULFIDE	1.618	76	2736	0.14	UG/L #	100
40) CHLOROFORM	3.035	83	32942	1.45	UG/L	97
57) BROMODICHLOROMETHANE	4.783	83	7229	0.42	UG/L #	92
66) TETRACHLOROETHENE	6.080	166	3955	0.26	UG/L	93
68) DIBROMOCHLOROMETHANE	6.342	129	2224	0.20	UG/L #	48

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086043.D
Acq On : 27 Mar 2012 2:54 am
Operator :
Sample : 12C0572-06 Inst : GCMSVOA3
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 27 13:39:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

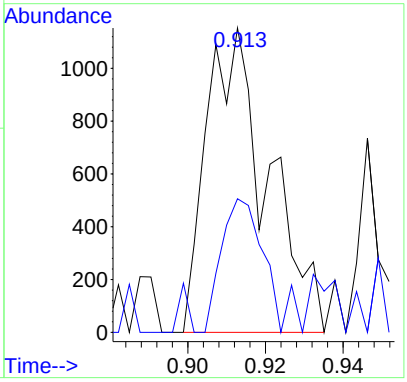


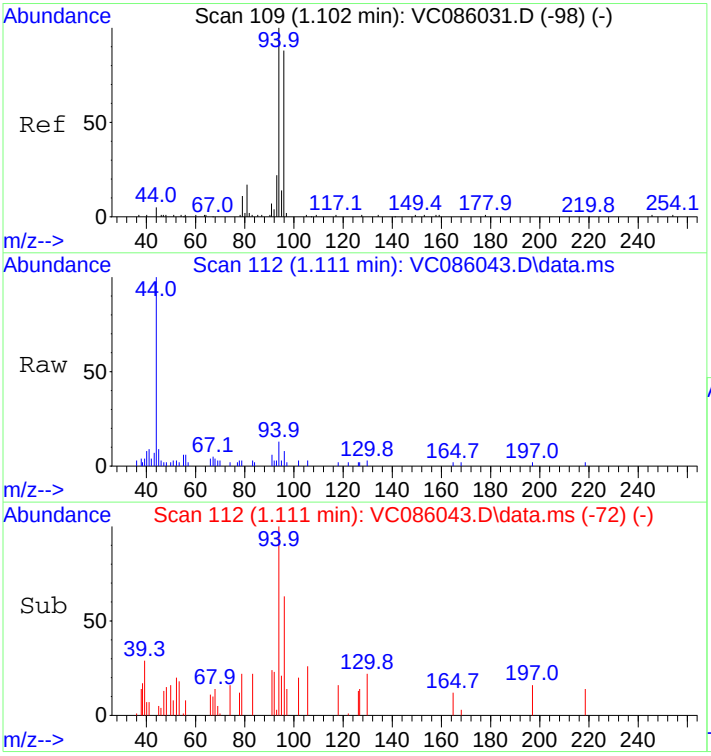


#5
CHLOROMETHANE
Concen: 0.19 UG/L
RT: 0.913 min Scan# 41
Delta R.T. 0.001 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 50 Resp: 1267

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

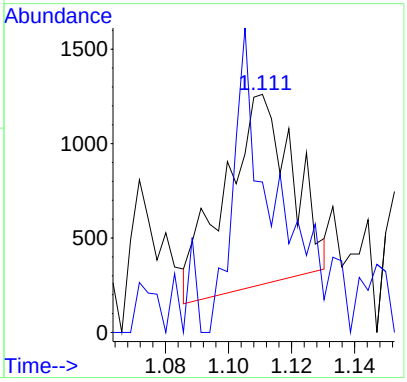


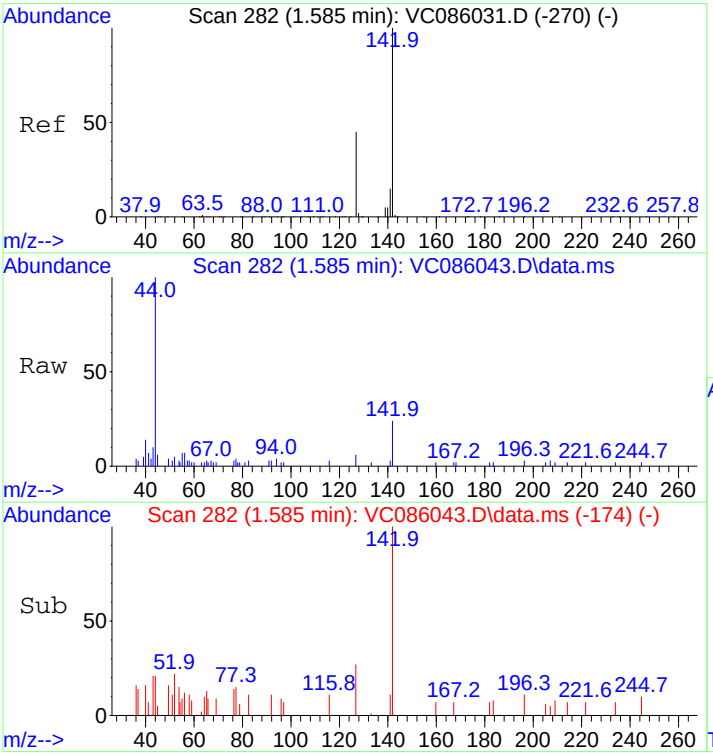


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 94 Resp: 1512

Ion	Ratio	Lower	Upper
94	100		
96	103.0	76.2	114.2

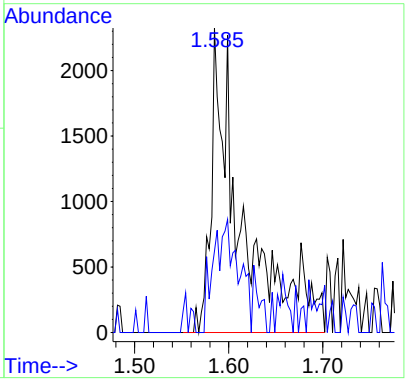


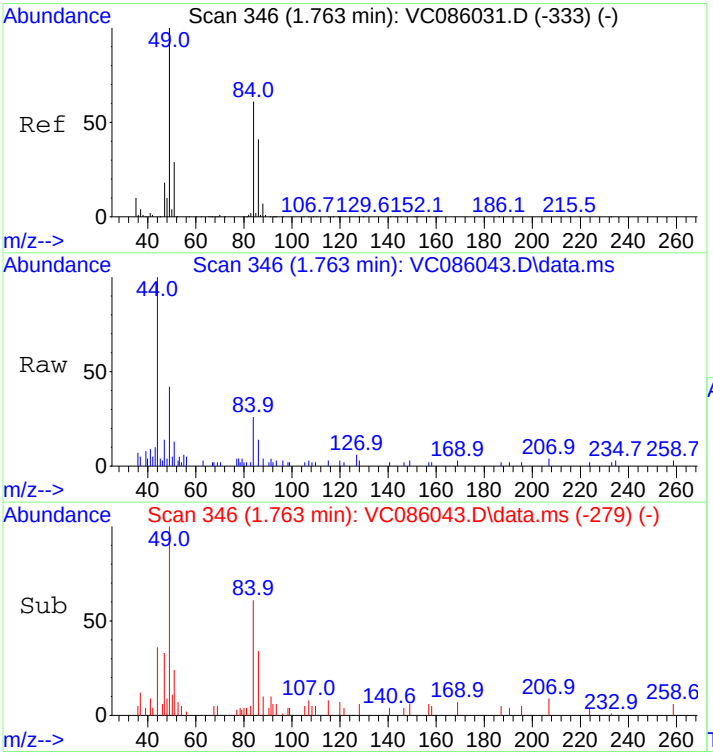


#17
IODOMETHANE
Concen: 0.44 UG/L m
RT: 1.585 min Scan# 282
Delta R.T. 0.001 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion:142 Resp: 5196

Ion	Ratio	Lower	Upper
142	100		
127	10.2	36.8	55.2#

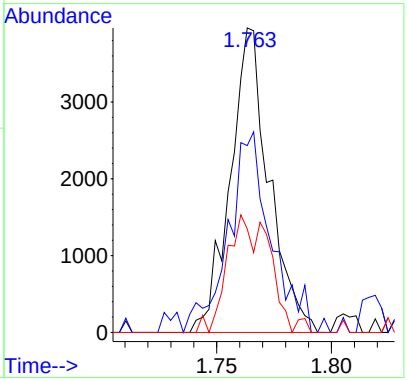


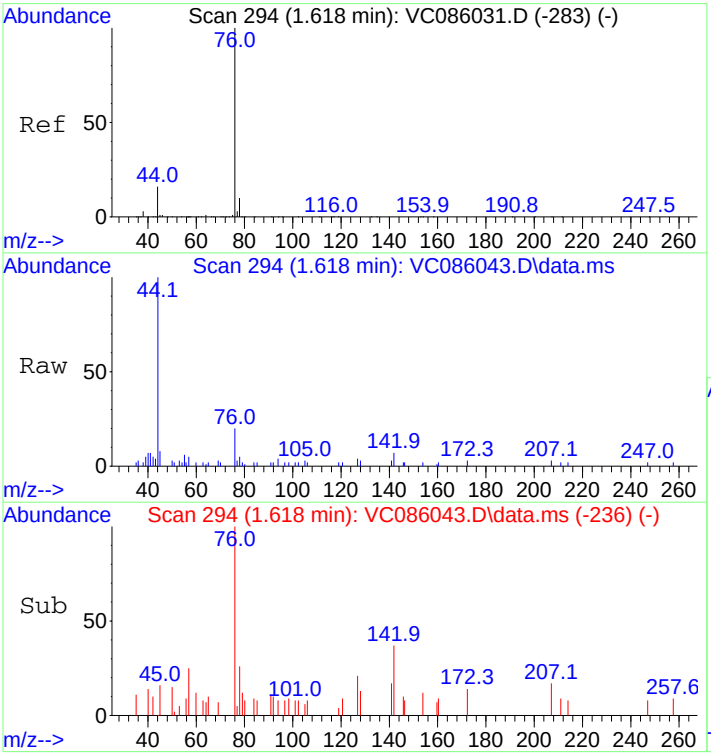


#23
METHYLENE CHLORIDE
Concen: 0.38 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 49 Resp: 4675

Ion	Ratio	Lower	Upper
49	100		
84	71.6	57.8	86.6
86	25.6	37.1	55.7#

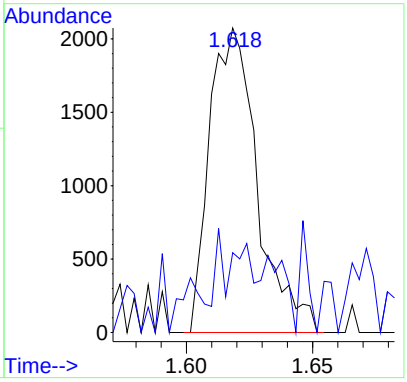


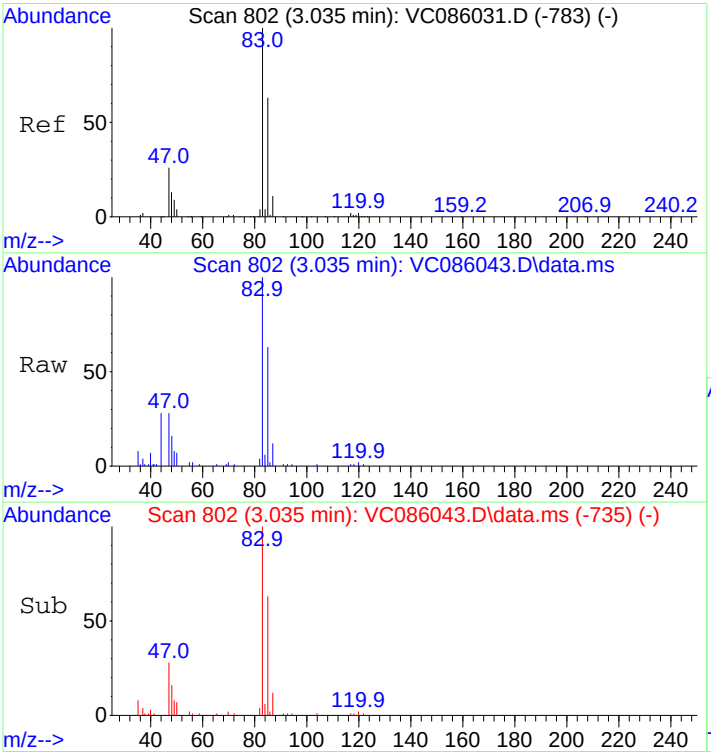


#24
CARBON DISULFIDE
Concen: 0.14 UG/L
RT: 1.618 min Scan# 294
Delta R.T. -0.003 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 76 Resp: 2736

Ion	Ratio	Lower	Upper
76	100		
78	18.3	0.0	0.0#

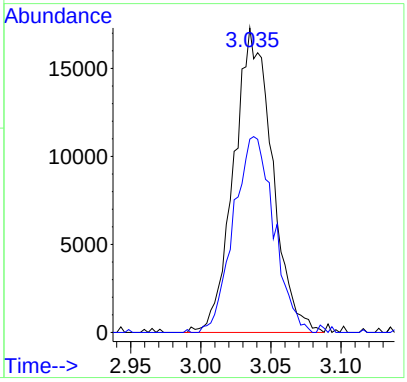


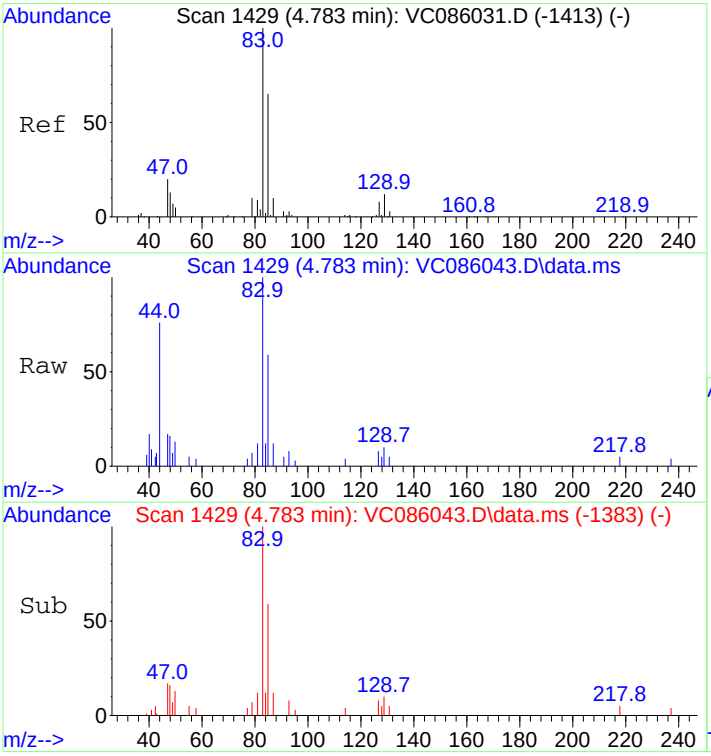


#40
CHLOROFORM
Concen: 1.45 UG/L
RT: 3.035 min Scan# 802
Delta R.T. -0.003 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 83 Resp: 32942

Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.8	77.6

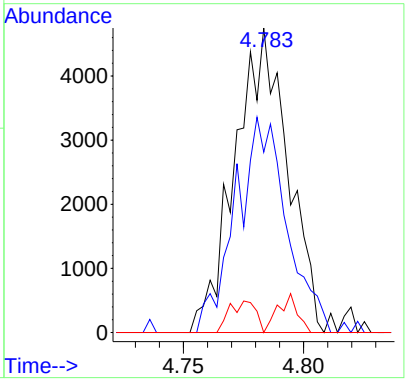


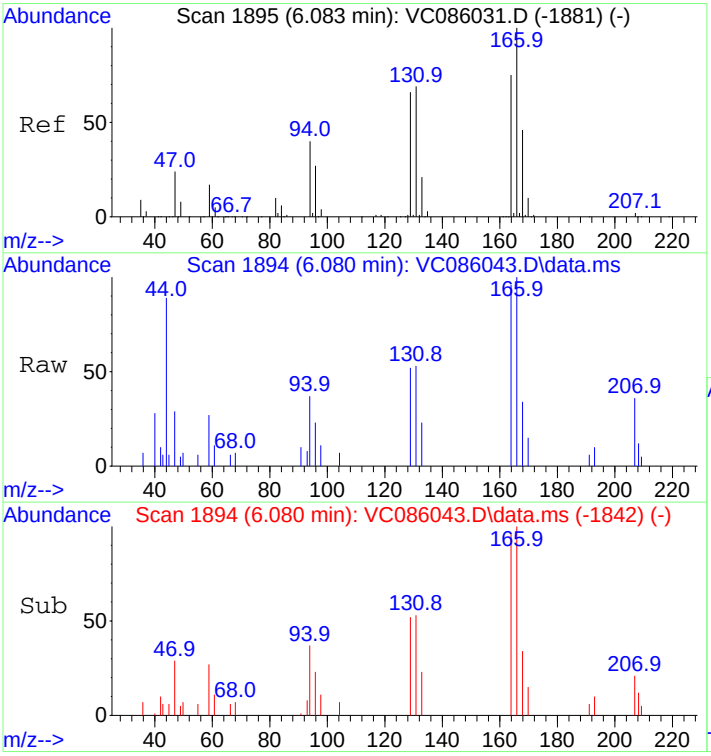


#57
BROMODICHLOROMETHANE
Concen: 0.42 UG/L
RT: 4.783 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion: 83 Resp: 7229

Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.4	77.0
127	0.0	7.8	11.6#

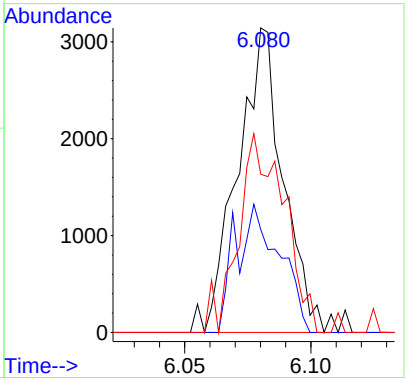


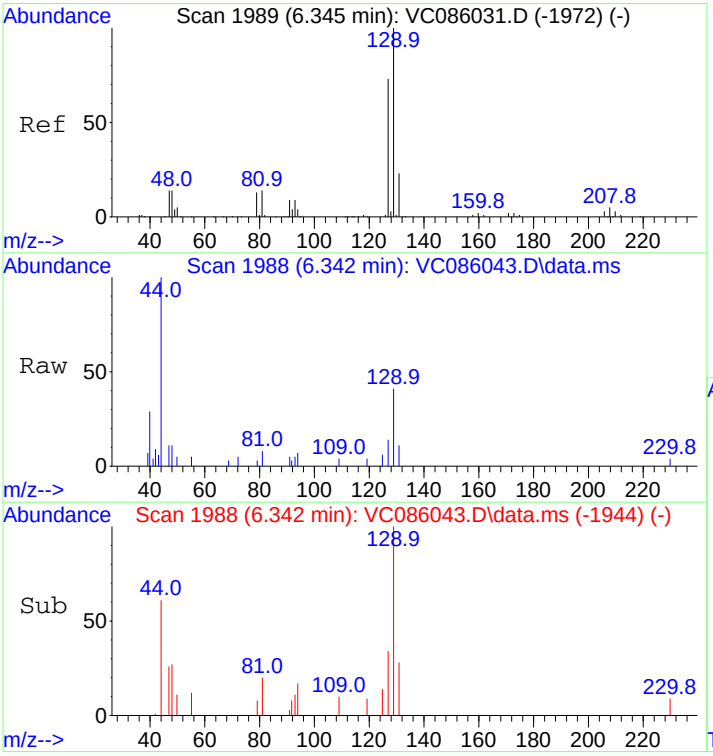


#66
TETRACHLOROETHENE
Concen: 0.26 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion:166 Resp: 3955

Ion	Ratio	Lower	Upper
166	100		
168	40.5	38.0	57.0
129	66.1	55.4	83.2

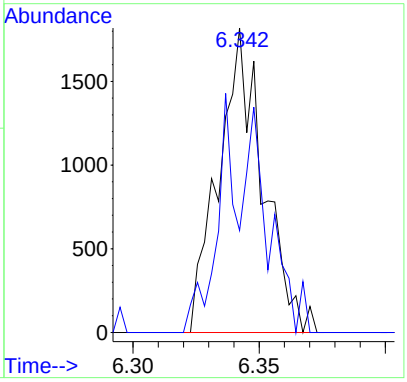




#68
DIBROMOCHLOROMETHANE
Concen: 0.20 UG/L
RT: 6.342 min Scan# 1988
Delta R.T. -0.002 min
Lab File: VC086043.D
Acq: 27 Mar 2012 2:54 am

Tgt Ion:129 Resp: 2224

Ion	Ratio	Lower	Upper
129	100		
127	33.0	62.2	93.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-07	File ID:	VC086044.D
Sampled:	03/19/12 11:50	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-07	File ID:	VC086044.D
Sampled:	03/19/12 11:50	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-07	File ID:	VC086044.D
Sampled:	03/19/12 11:50	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW-11-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-07	File ID:	VC086044.D
Sampled:	03/19/12 11:50	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086044.D
Acq On : 27 Mar 2012 3:25 am
Operator :
Sample : 12C0572-07 Inst : GCMSVOA3
Misc :
ALS Vial : 41 Sample Multiplier: 1

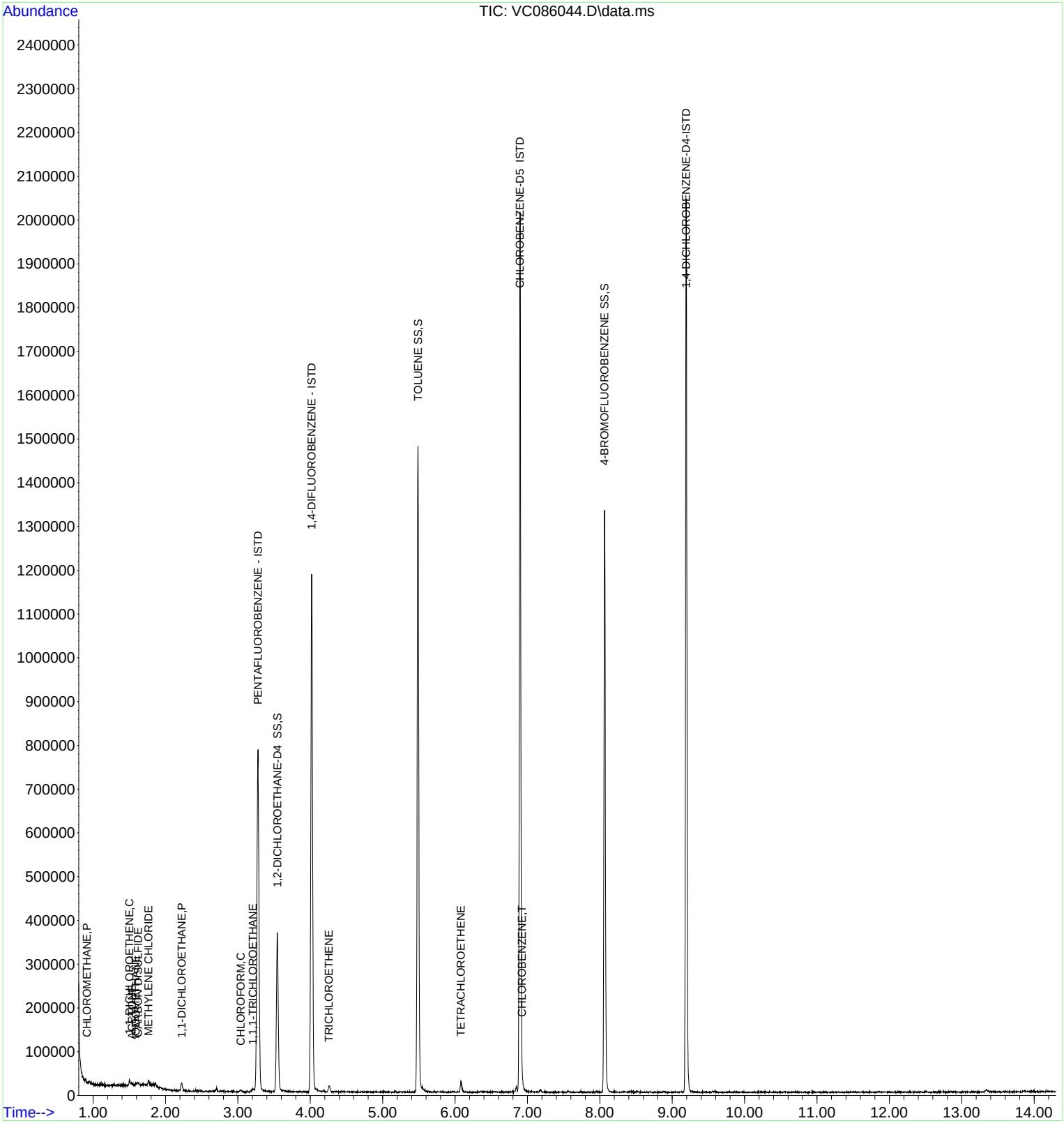
Quant Time: Mar 27 13:41:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

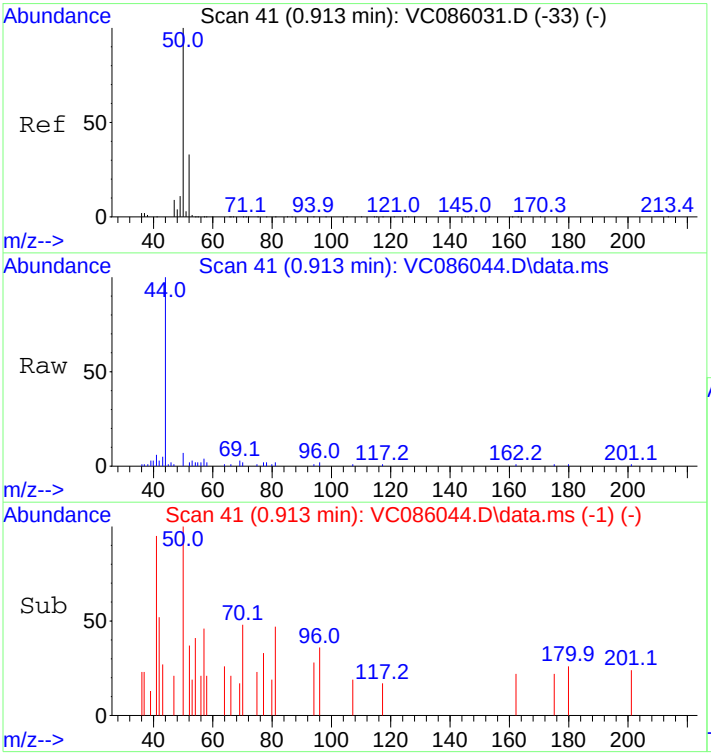
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	577290	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	914560	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	483017	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	455856	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	231685	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
49) TOLUENE SS	5.489	98	847040	25.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	388720	24.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%				
Target Compounds							Qvalue
5) CHLOROMETHANE	0.913	50	1199	0.18	UG/L	#	41
7) BROMOMETHANE	1.108	94	1125	Below Cal			97
14) ACETONE	1.537	43	4633	2.34	UG/L		95
15) 1,1-DICHLOROETHENE	1.501	61	3760	0.33	UG/L	#	95
17) IODOMETHANE	1.590	142	2829	0.24	UG/L	#	64
23) METHYLENE CHLORIDE	1.766	49	4430	0.37	UG/L		94
24) CARBON DISULFIDE	1.618	76	2005	0.11	UG/L	#	100
27) 1,1-DICHLOROETHANE	2.223	63	13148	0.57	UG/L	#	95
40) CHLOROFORM	3.041	83	2742	0.12	UG/L	#	50
41) 1,1,1-TRICHLOROETHANE	3.208	97	4559	0.23	UG/L	#	82
51) TRICHLOROETHENE	4.256	95	3965	0.28	UG/L		96
66) TETRACHLOROETHENE	6.080	166	5131	0.34	UG/L	#	73
72) CHLOROBENZENE	6.925	112	4289	0.11	UG/L	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086044.D
Acq On : 27 Mar 2012 3:25 am
Operator :
Sample : 12C0572-07 Inst : GCMSVOA3
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Mar 27 13:41:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

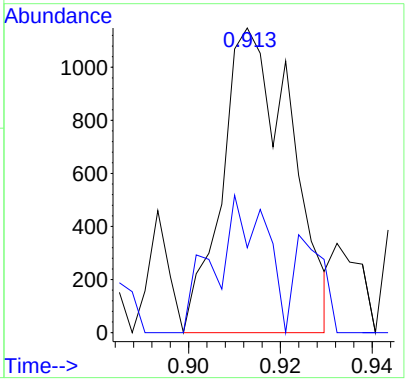


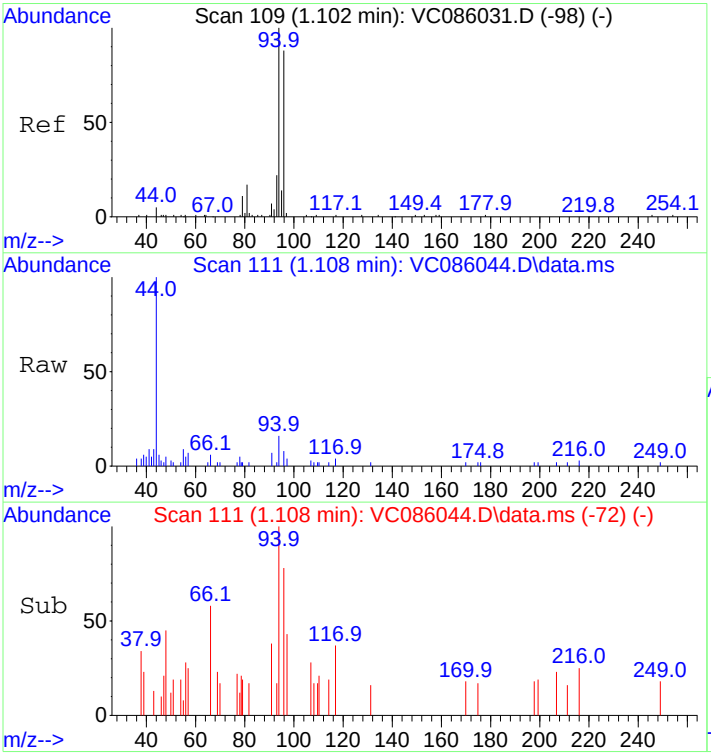


#5
CHLOROMETHANE
Concen: 0.18 UG/L
RT: 0.913 min Scan# 41
Delta R.T. 0.001 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 50 Resp: 1199

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

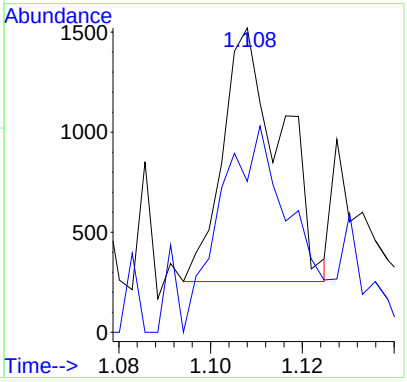


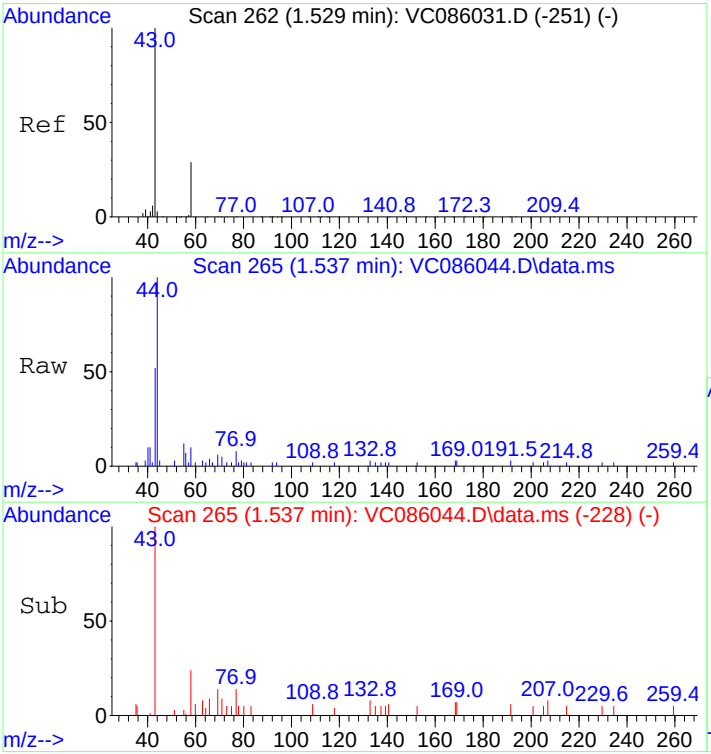


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 94 Resp: 1125

Ion	Ratio	Lower	Upper
94	100		
96	98.0	76.2	114.2

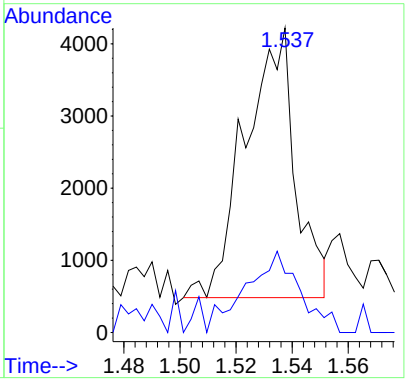


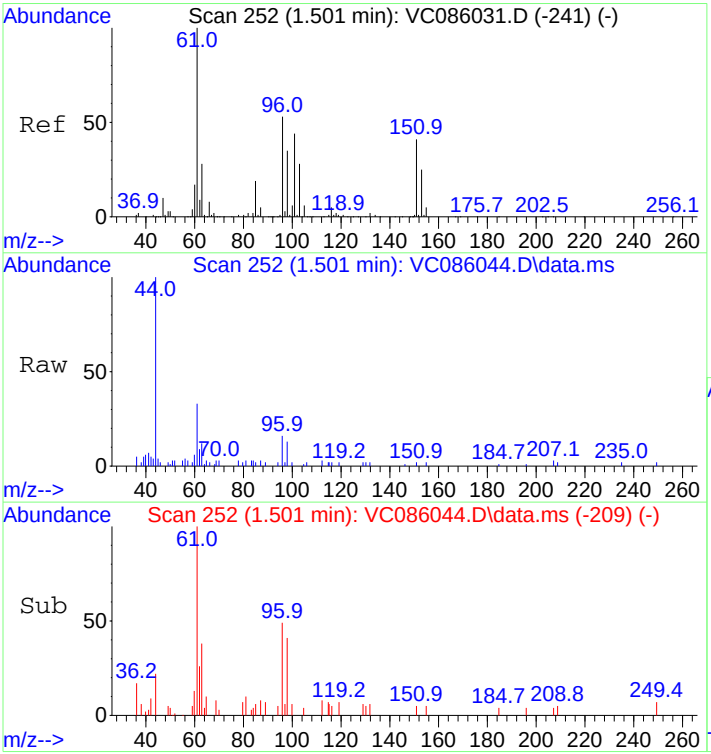


#14
ACETONE
Concen: 2.34 UG/L
RT: 1.537 min Scan# 265
Delta R.T. 0.008 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 43 Resp: 4633

Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.8	35.6

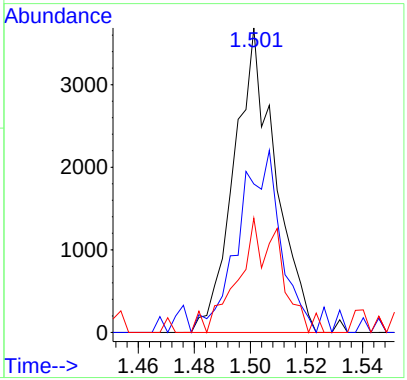


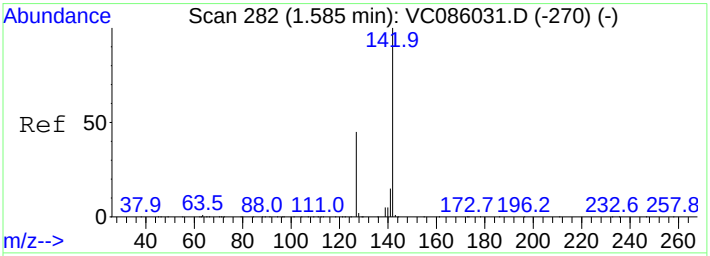


#15
1,1-DICHLOROETHENE
Concen: 0.33 UG/L
RT: 1.501 min Scan# 252
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 61 Resp: 3760

Ion	Ratio	Lower	Upper
61	100		
96	61.4	48.2	72.4
63	38.9	25.5	38.3#

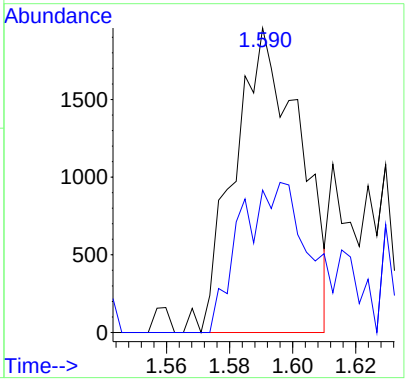


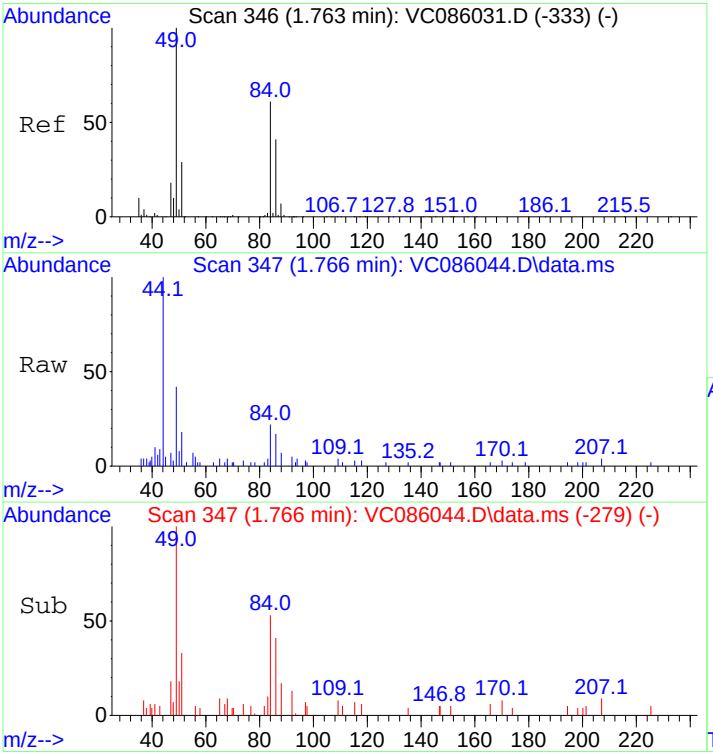


#17
IODOMETHANE
Concen: 0.24 UG/L
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion:142 Resp: 2829

Ion	Ratio	Lower	Upper
142	100		
127	21.9	36.8	55.2#

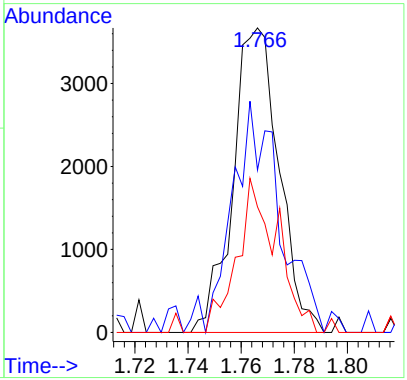


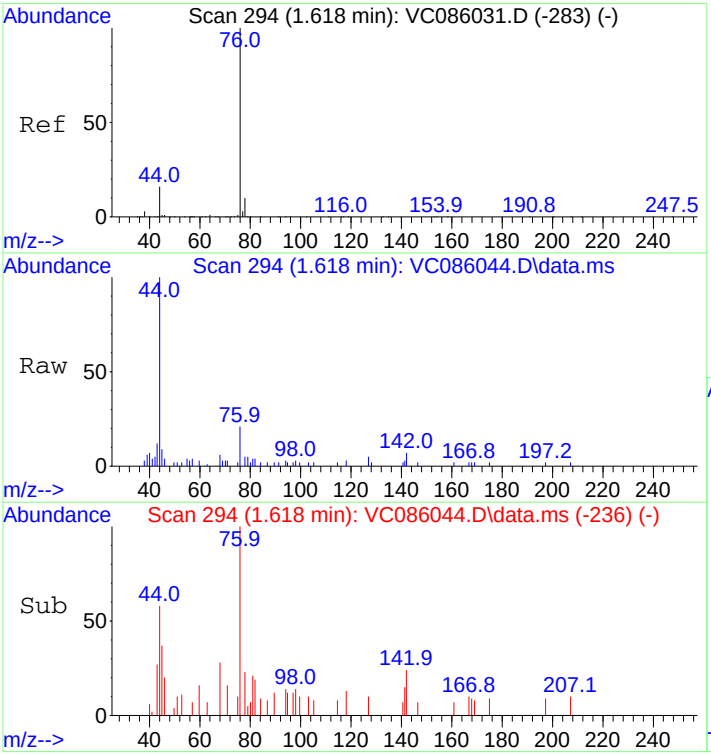


#23
METHYLENE CHLORIDE
Concen: 0.37 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 49 Resp: 4430

Ion	Ratio	Lower	Upper
49	100		
84	79.0	57.8	86.6
86	44.1	37.1	55.7

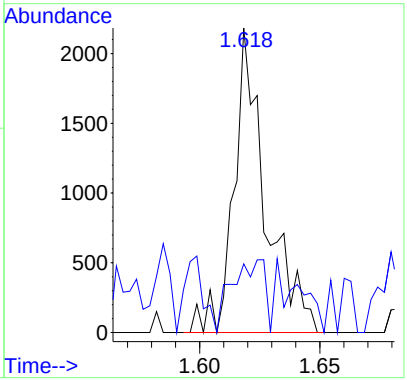


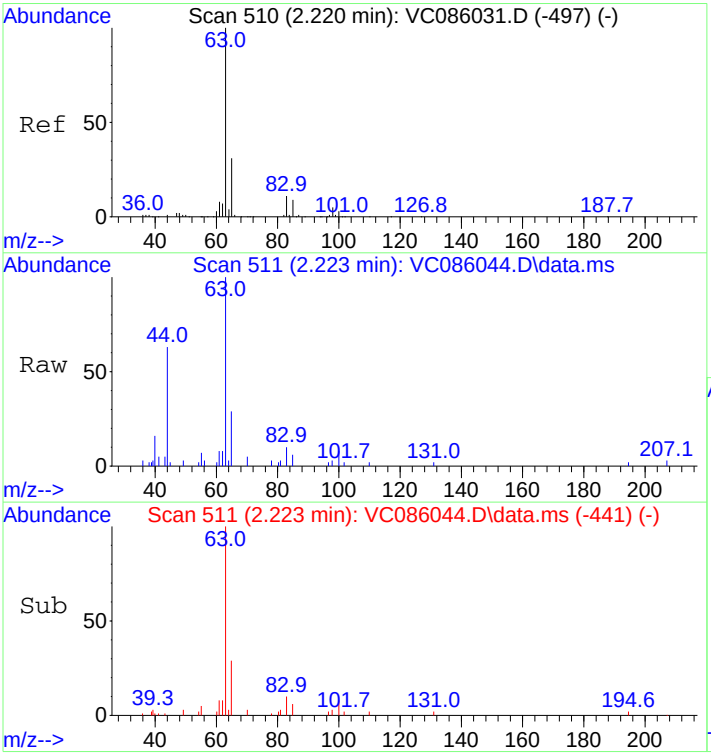


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.618 min Scan# 294
Delta R.T. -0.003 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 76 Resp: 2005

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

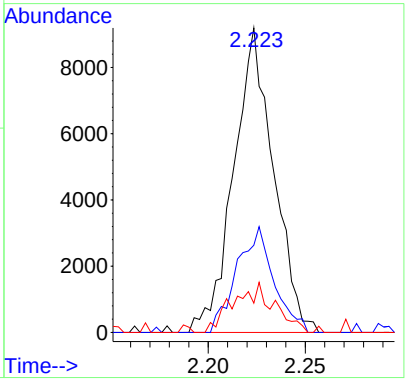


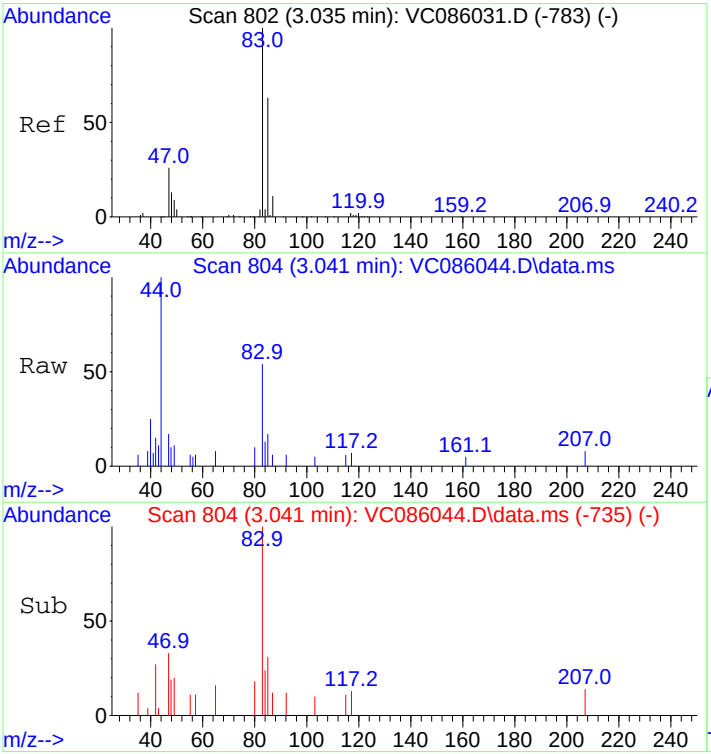


#27
1,1-DICHLOROETHANE
Concen: 0.57 UG/L
RT: 2.223 min Scan# 511
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 63 Resp: 13148

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.7	37.1
83	9.1	10.4	15.6#

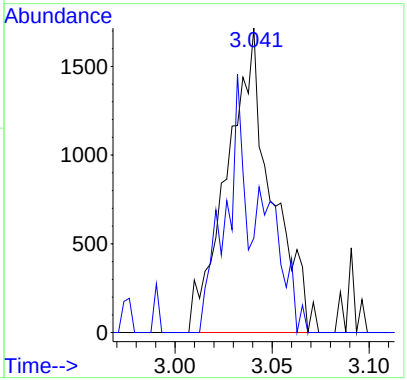


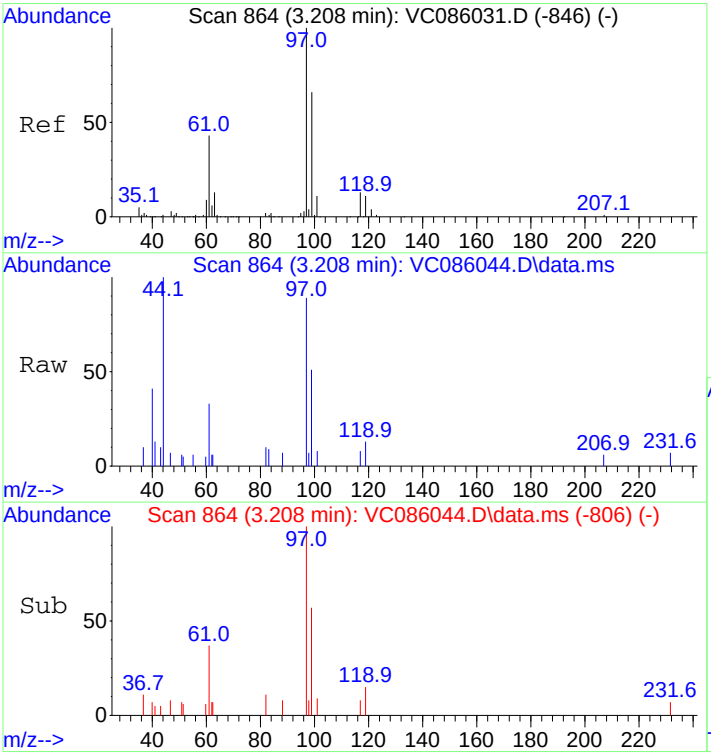


#40
CHLOROFORM
Concen: 0.12 UG/L
RT: 3.041 min Scan# 804
Delta R.T. 0.003 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 83 Resp: 2742

Ion	Ratio	Lower	Upper
83	100		
85	25.3	51.8	77.6#

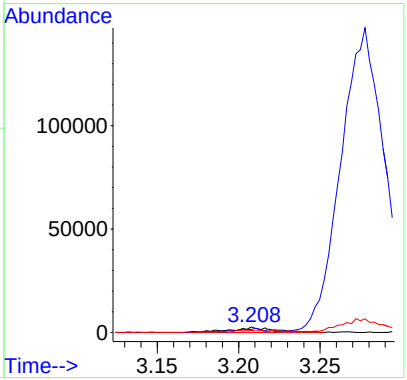


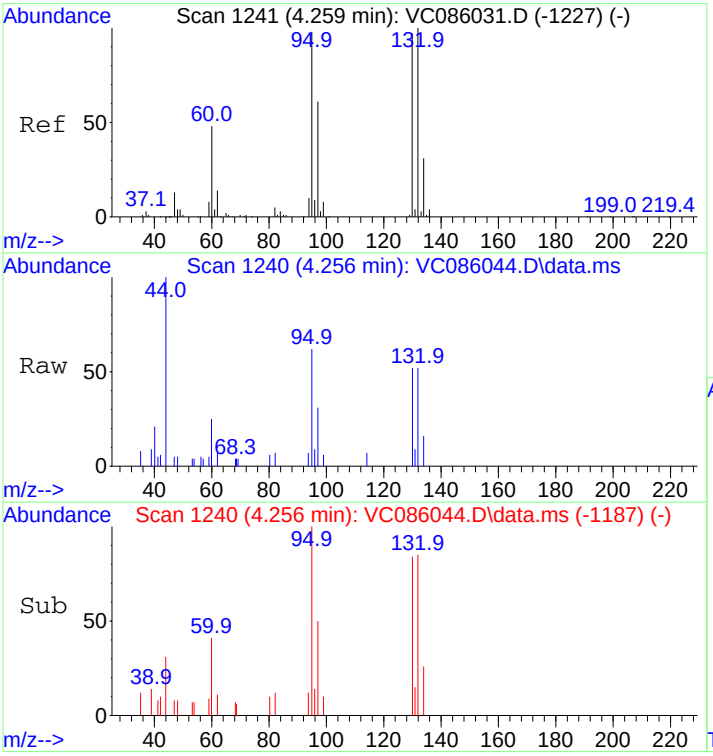


#41
1,1,1-TRICHLOROETHANE
Concen: 0.23 UG/L
RT: 3.208 min Scan# 864
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 97 Resp: 4559

Ion	Ratio	Lower	Upper
97	100		
99	59.0	51.4	77.2
61	19.6	33.7	50.5#

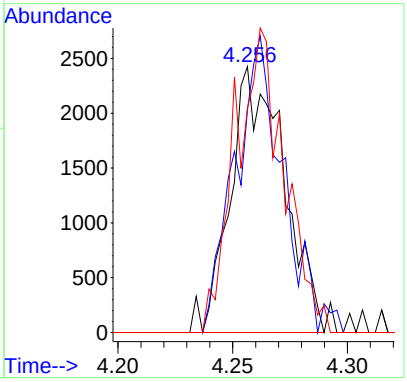


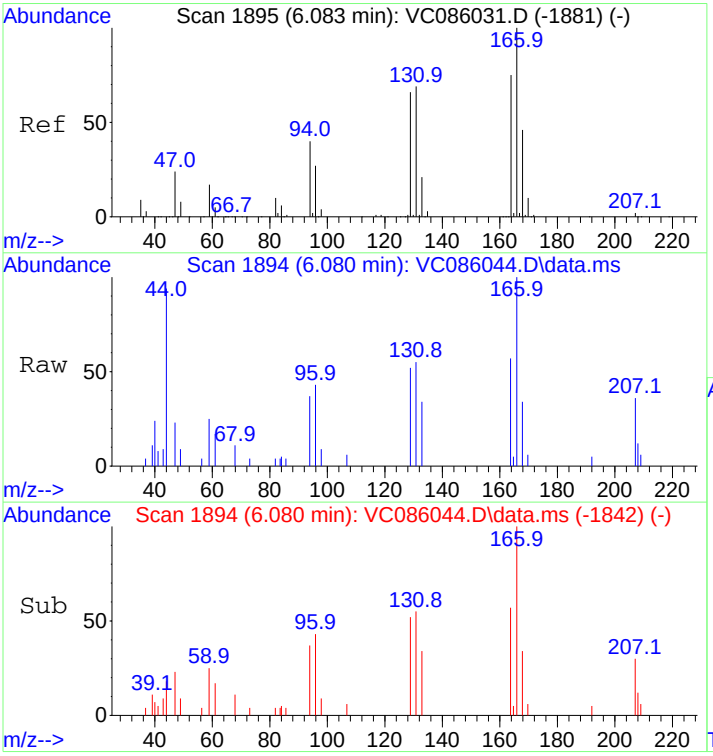


#51
TRICHLOROETHENE
Concen: 0.28 UG/L
RT: 4.256 min Scan# 1240
Delta R.T. -0.003 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion: 95 Resp: 3965

Ion	Ratio	Lower	Upper
95	100		
130	97.2	83.0	124.4
132	104.2	85.1	127.7

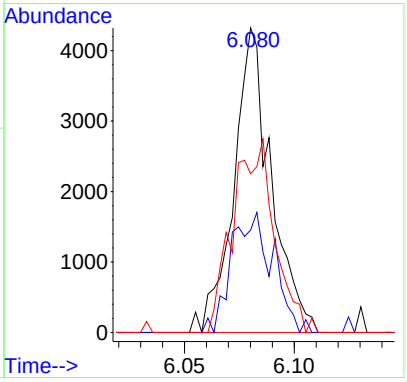


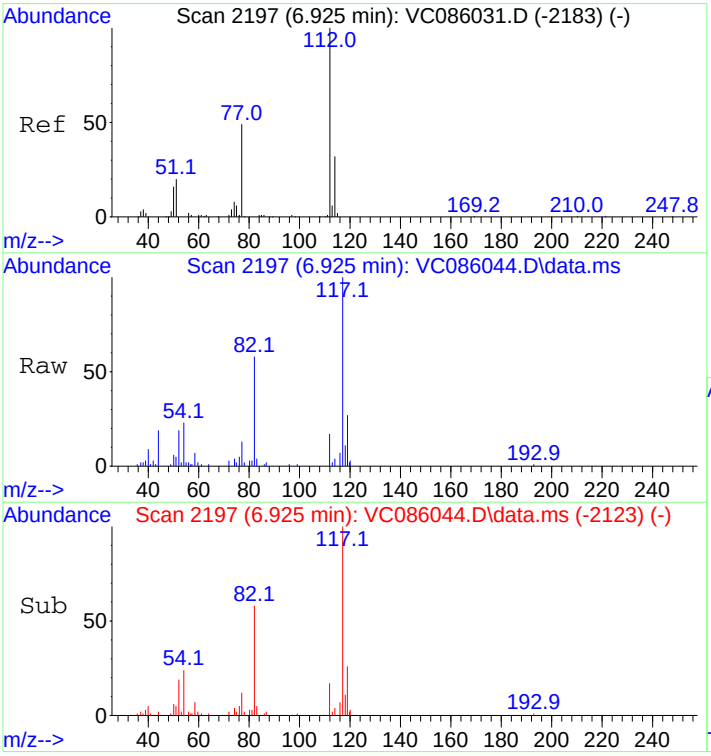


#66
TETRACHLOROETHENE
Concen: 0.34 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion:166 Resp: 5131

Ion	Ratio	Lower	Upper
166	100		
168	43.5	38.0	57.0
129	35.5	55.4	83.2#

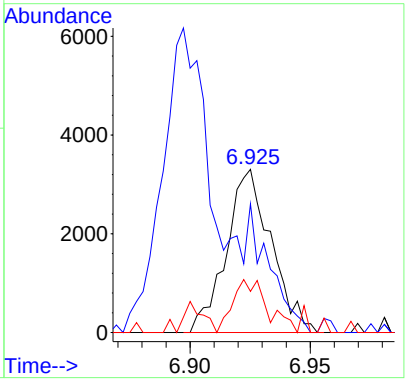




#72
CHLOROBENZENE
Concen: 0.11 UG/L
RT: 6.925 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VC086044.D
Acq: 27 Mar 2012 3:25 am

Tgt Ion:112 Resp: 4289

Ion	Ratio	Lower	Upper
112	100		
77	193.4	41.2	61.8#
114	25.0	26.1	39.1#



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1 - FORM I
ANALYSIS DATA SHEET

P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08	File ID:	VC086045.D
Sampled:	03/19/12 15:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08	File ID:	VC086045.D
Sampled:	03/19/12 15:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	3.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08	File ID:	VC086045.D
Sampled:	03/19/12 15:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.6	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	3.6	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	18	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08	File ID:	VC086045.D
Sampled:	03/19/12 15:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 03:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086045.D
Acq On : 27 Mar 2012 3:55 am
Operator :
Sample : 12C0572-08 Inst : GCMSVOA3
Misc :
ALS Vial : 42 Sample Multiplier: 1

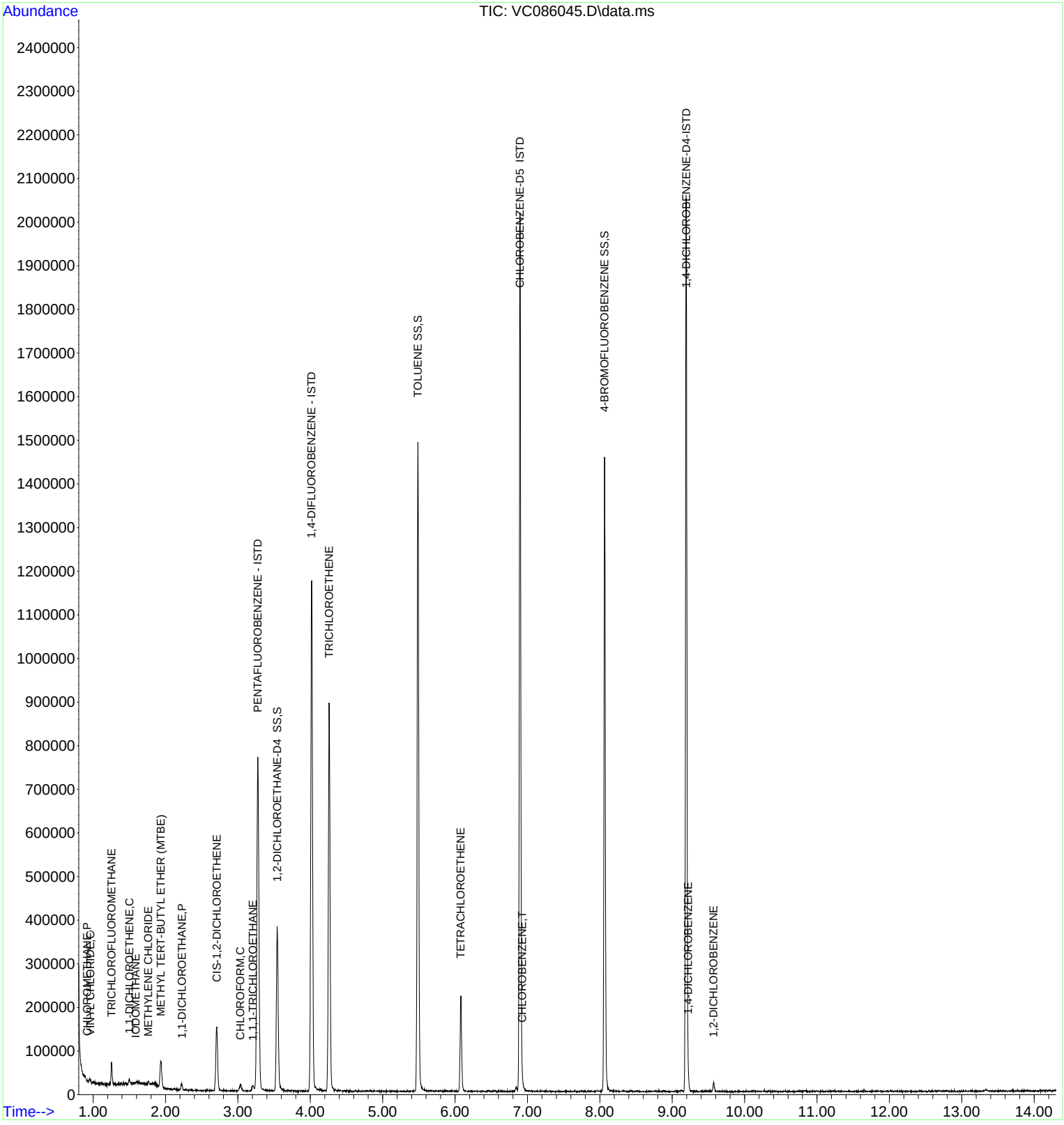
Quant Time: Mar 27 13:46:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

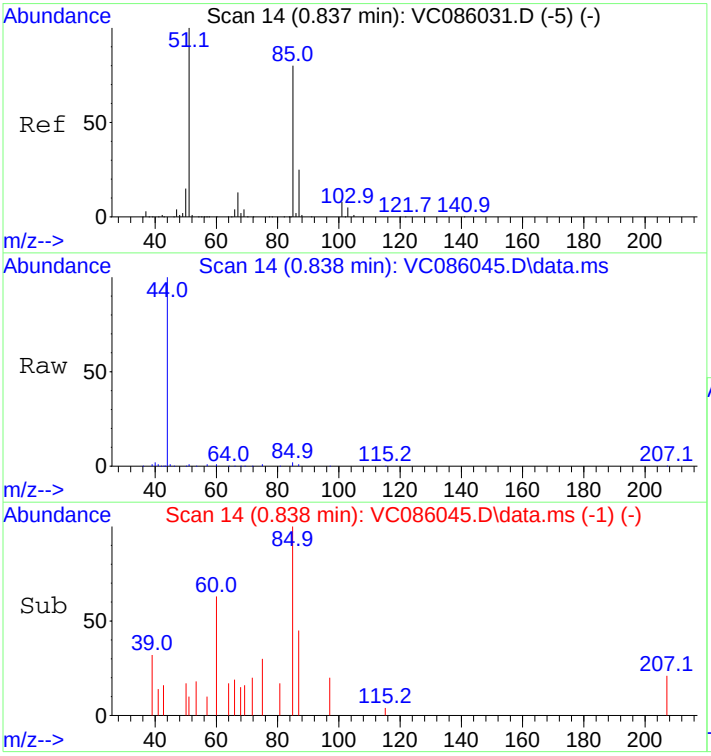
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	574570	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	925437	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482588	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	472911	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	241246	26.41	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.64%				
49) TOLUENE SS	5.486	98	847800	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	395155	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	777	Below Cal		#	42
5) CHLOROMETHANE	0.916	50	847	0.13	UG/L	#	41
6) VINYL CHLORIDE	0.960	62	2096	0.25	UG/L	#	82
10) TRICHLOROFLUOROMETHANE	1.253	101	24787	1.90	UG/L		97
15) 1,1-DICHLOROETHENE	1.501	61	4052	0.35	UG/L	#	81
17) IODOMETHANE	1.591	142	3605m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.763	49	1992	0.17	UG/L		89
25) METHYL TERT-BUTYL ETHE...	1.936	73	46862	1.62	UG/L		96
27) 1,1-DICHLOROETHANE	2.226	63	10109	0.44	UG/L	#	80
33) CIS-1,2-DICHLOROETHENE	2.709	61	76060	3.39	UG/L		92
40) CHLOROFORM	3.032	83	10942m	0.49	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.208	97	7959	0.40	UG/L	#	84
51) TRICHLOROETHENE	4.259	95	249566	17.68	UG/L		100
66) TETRACHLOROETHENE	6.077	166	54116	3.57	UG/L		99
72) CHLOROBENZENE	6.928	112	4574	0.12	UG/L	#	76
95) 1,4-DICHLOROBENZENE	9.220	146	4434	0.16	UG/L	#	74
97) 1,2-DICHLOROBENZENE	9.572	146	6768	0.27	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086045.D
Acq On : 27 Mar 2012 3:55 am
Operator :
Sample : 12C0572-08 Inst : GCMSVOA3
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Mar 27 13:46:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

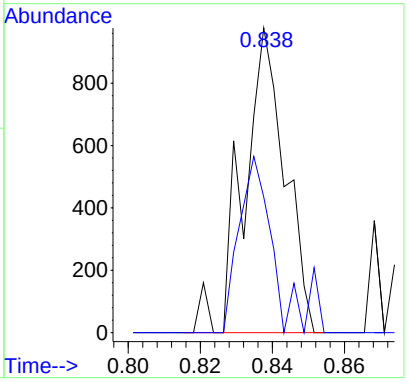


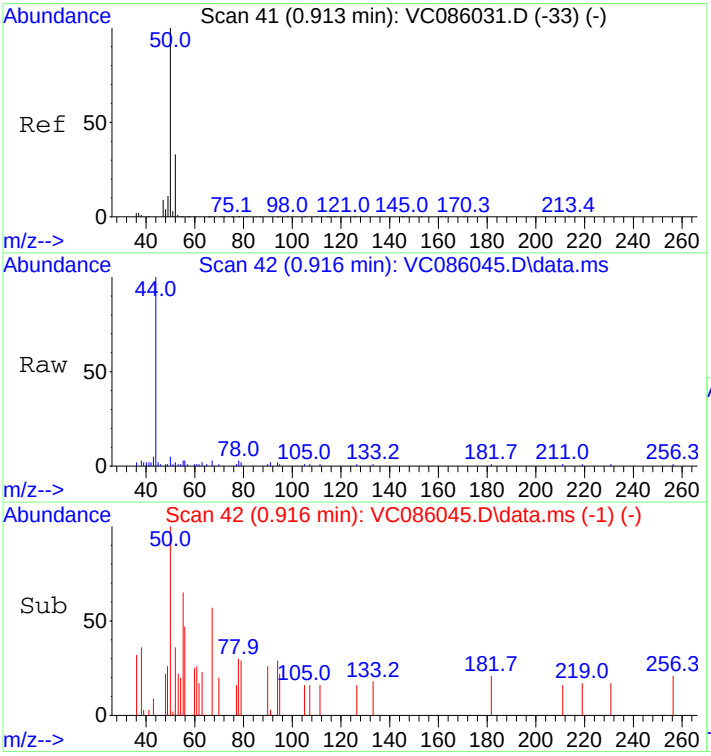


#3
DICHLORODIFLUOROMETHANE
Concen: Below Cal
RT: 0.838 min Scan# 14
Delta R.T. 0.001 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 85 Resp: 777

Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.2	39.2#

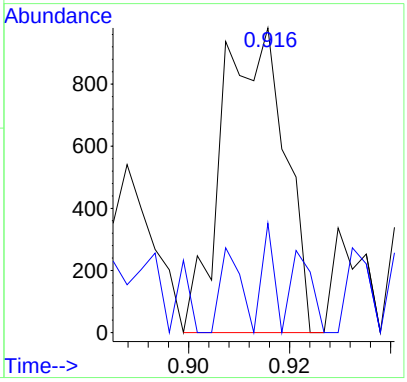


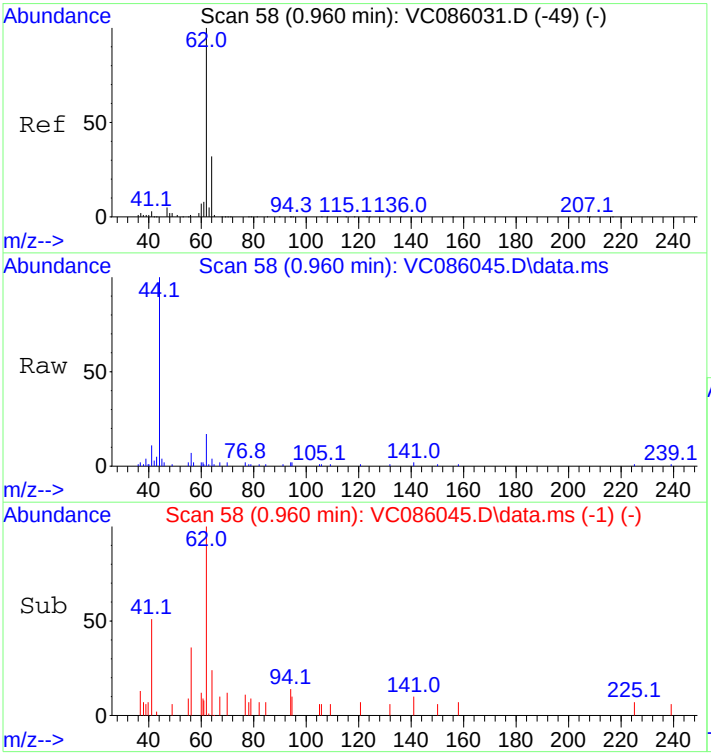


#5
CHLOROMETHANE
Concen: 0.13 UG/L
RT: 0.916 min Scan# 42
Delta R.T. 0.004 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 50 Resp: 847

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

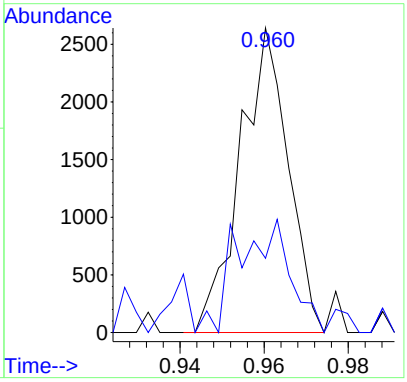


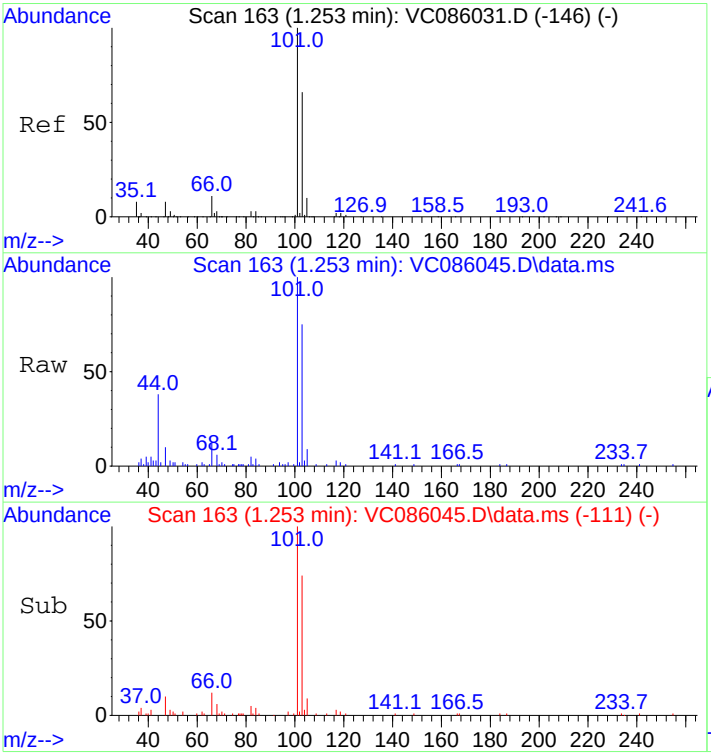


#6
VINYL CHLORIDE
Concen: 0.25 UG/L
RT: 0.960 min Scan# 58
Delta R.T. 0.000 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 62 Resp: 2096

Ion	Ratio	Lower	Upper
62	100		
64	40.9	24.8	37.2#

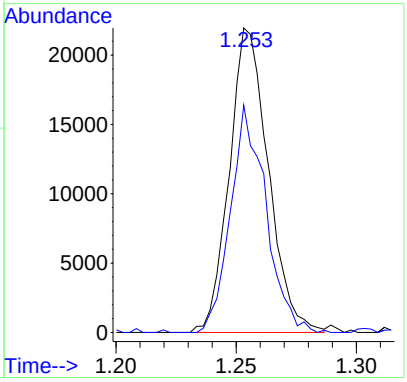


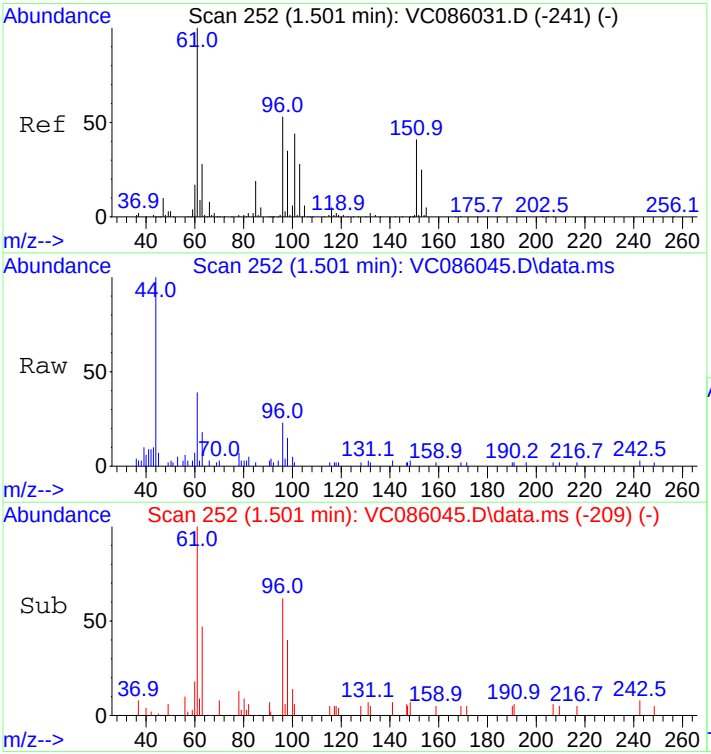


#10
TRICHLOROFLUOROMETHANE
Concen: 1.90 UG/L
RT: 1.253 min Scan# 163
Delta R.T. 0.000 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:101 Resp: 24787

Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.0	78.0

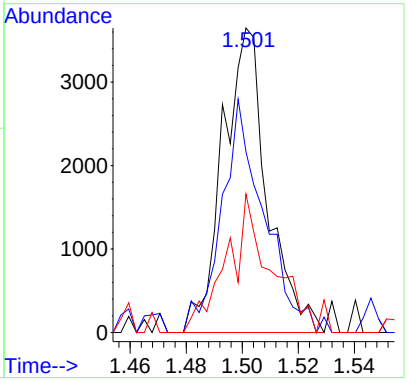


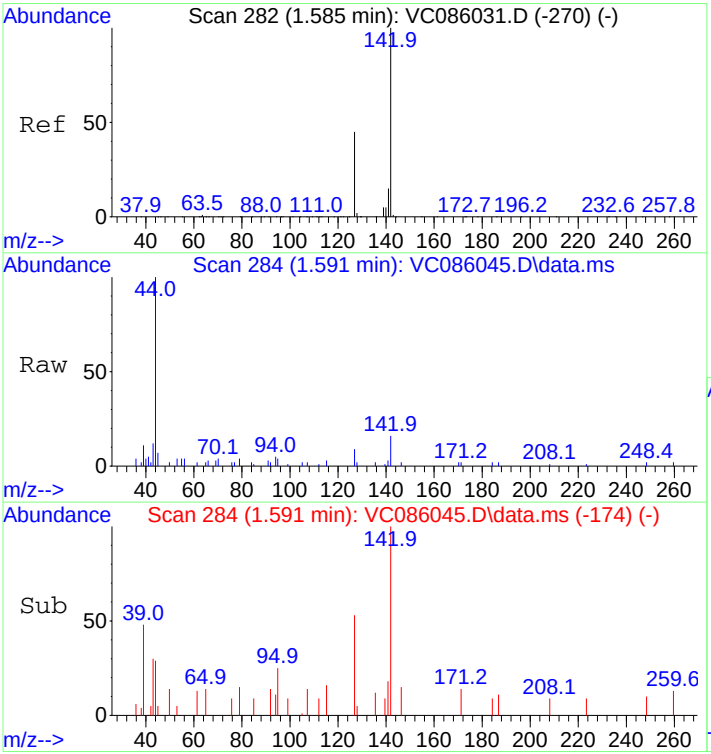


#15
1,1-DICHLOROETHENE
Concen: 0.35 UG/L
RT: 1.501 min Scan# 252
Delta R.T. 0.000 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 61 Resp: 4052

Ion	Ratio	Lower	Upper
61	100		
96	72.7	48.2	72.4#
63	44.8	25.5	38.3#

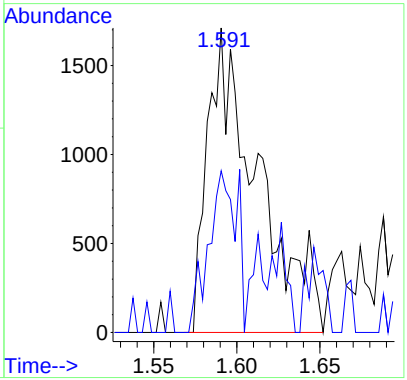


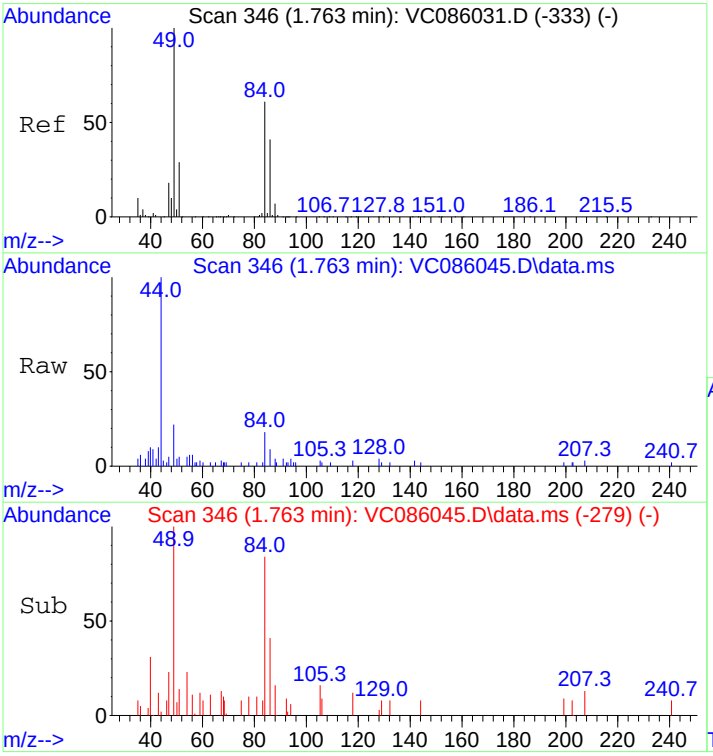


#17
IODOMETHANE
Concen: 0.31 UG/L m
RT: 1.591 min Scan# 284
Delta R.T. 0.007 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:142 Resp: 3605

Ion	Ratio	Lower	Upper
142	100		
127	31.0	36.8	55.2#

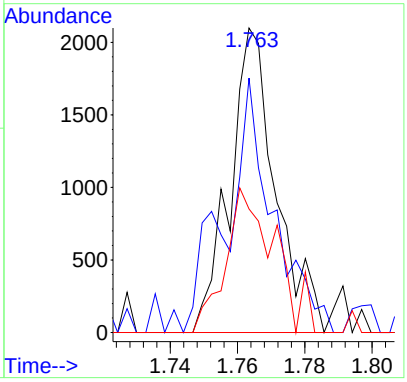


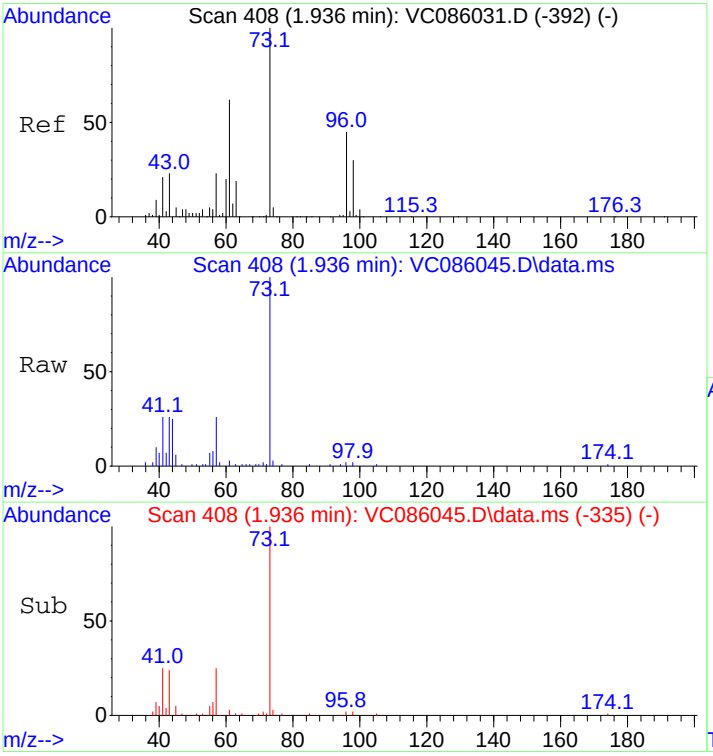


#23
METHYLENE CHLORIDE
Concen: 0.17 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 49 Resp: 1992

Ion	Ratio	Lower	Upper
49	100		
84	60.6	57.8	86.6
86	51.0	37.1	55.7

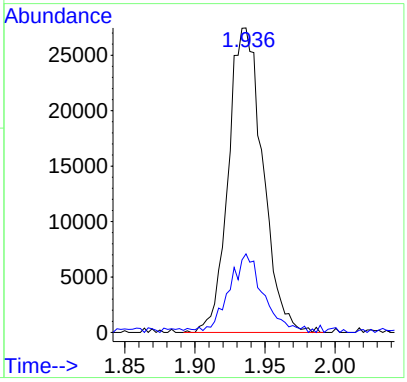


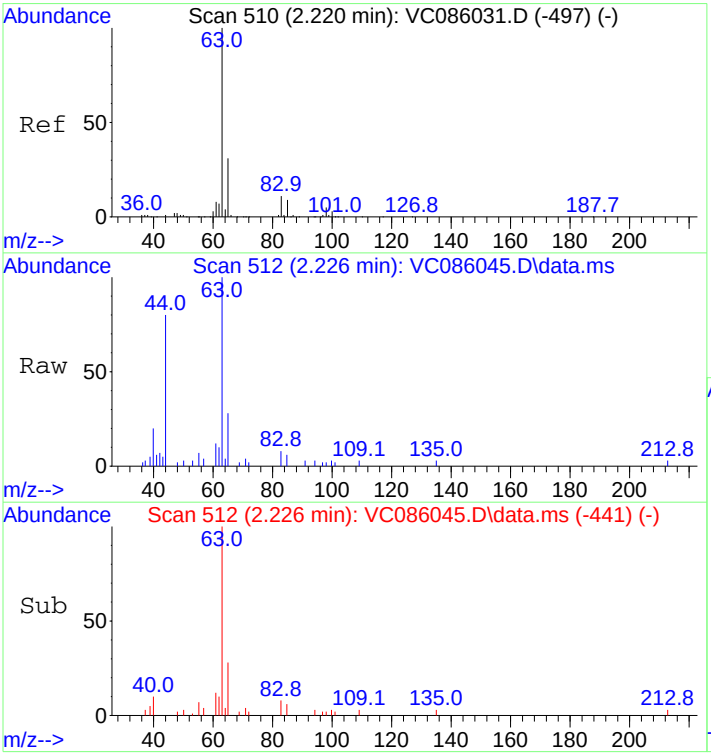


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.62 UG/L
RT: 1.936 min Scan# 408
Delta R.T. 0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 73 Resp: 46862

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.9	28.3

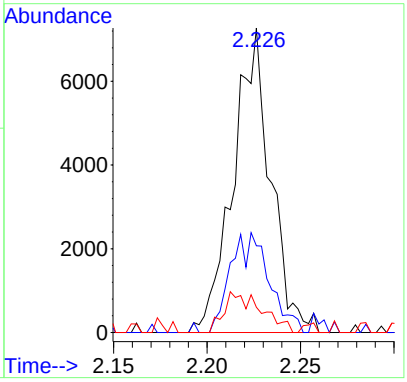


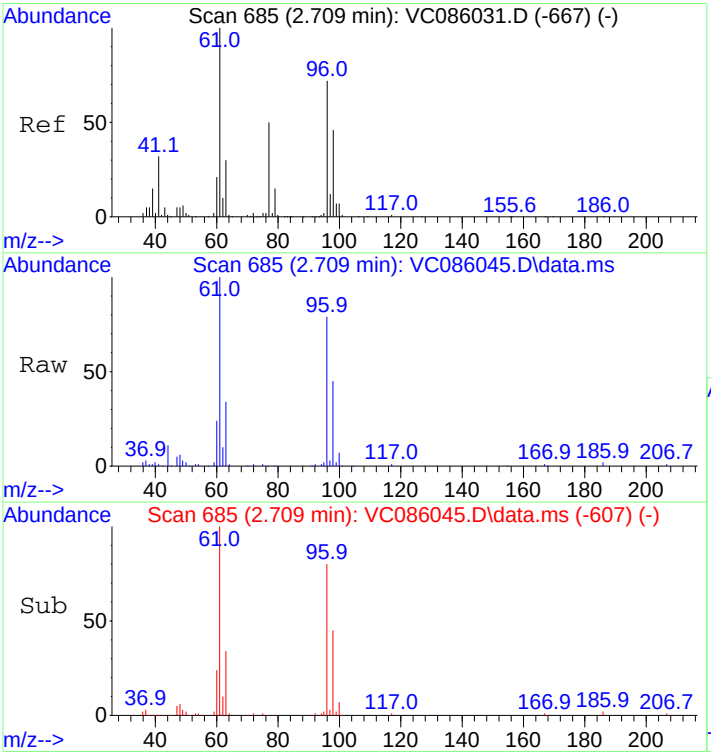


#27
1,1-DICHLOROETHANE
Concen: 0.44 UG/L
RT: 2.226 min Scan# 512
Delta R.T. 0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 63 Resp: 10109

Ion	Ratio	Lower	Upper
63	100		
65	15.2	24.7	37.1#
83	13.3	10.4	15.6

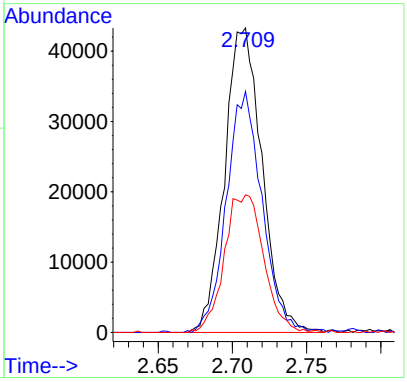


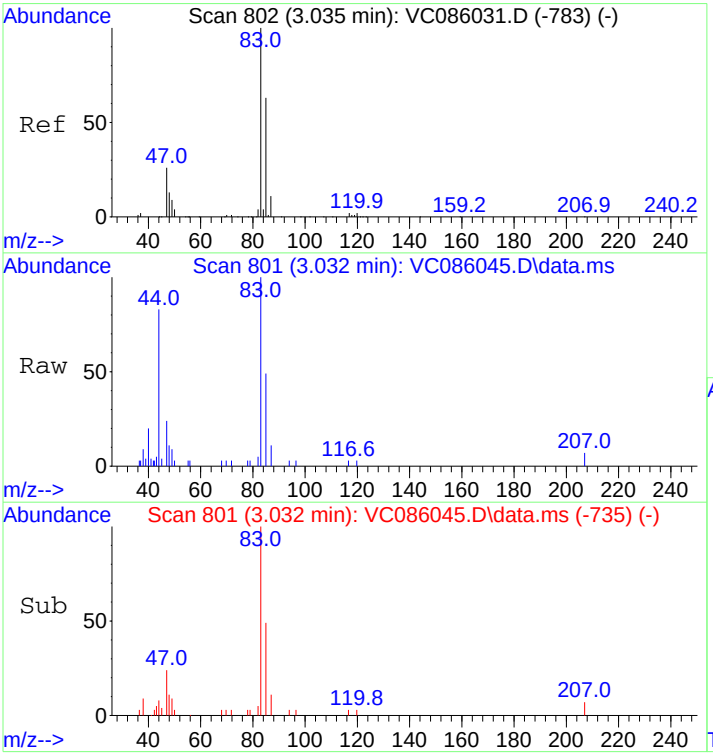


#33
CIS-1,2-DICHLOROETHENE
Concen: 3.39 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 61 Resp: 76060

Ion	Ratio	Lower	Upper
61	100		
96	75.2	54.4	81.6
98	47.6	35.1	52.7

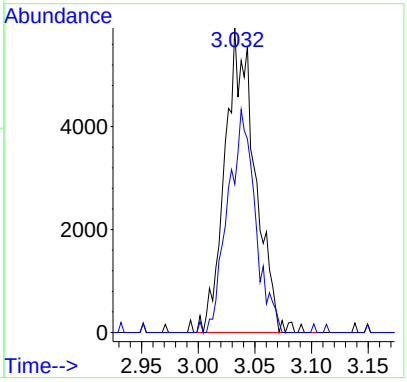


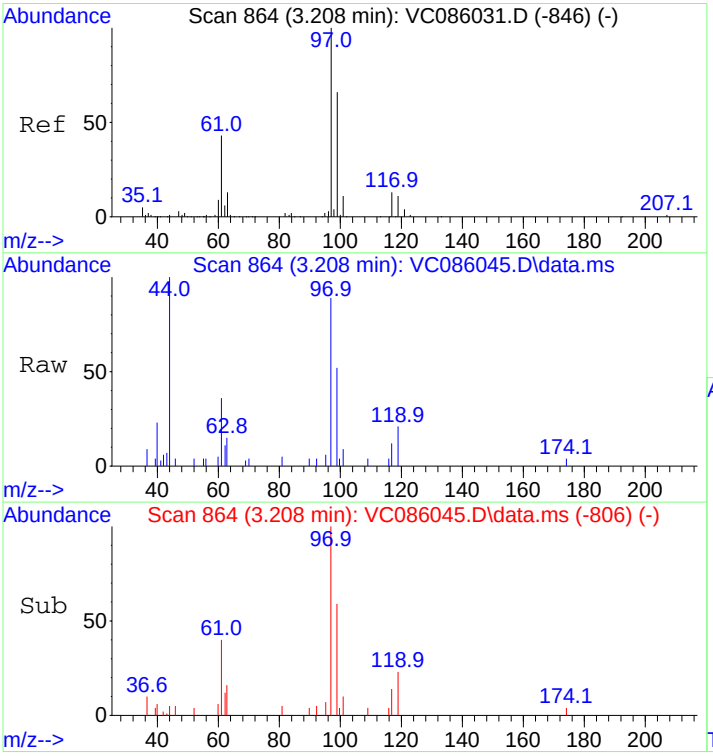


#40
CHLOROFORM
Concen: 0.49 UG/L m
RT: 3.032 min Scan# 801
Delta R.T. -0.005 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 83 Resp: 10942

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6

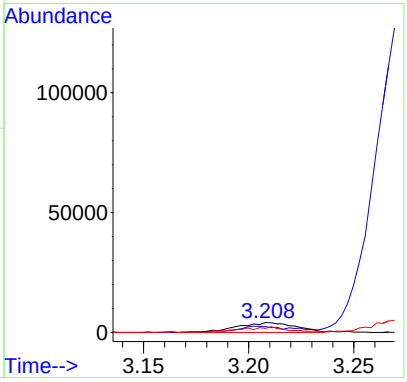


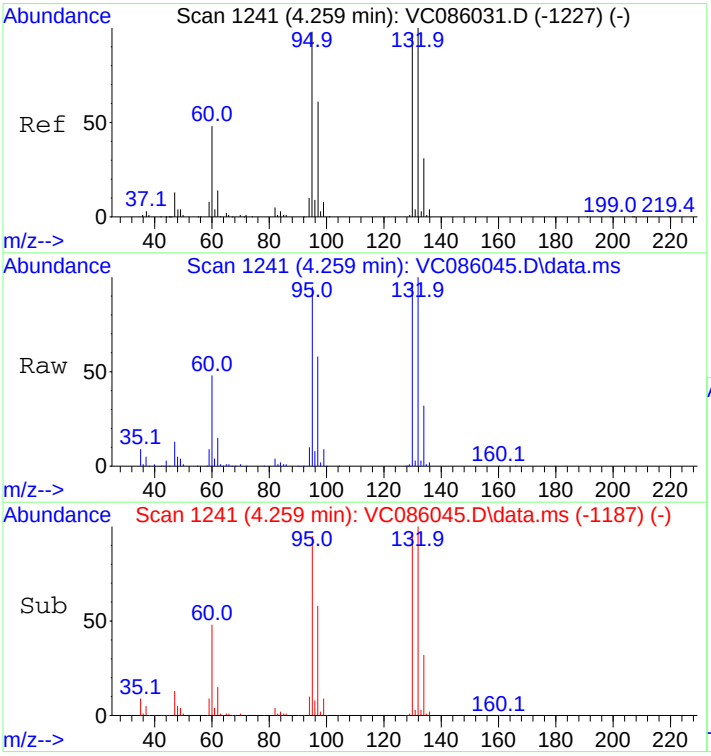


#41
1,1,1-TRICHLOROETHANE
Concen: 0.40 UG/L
RT: 3.208 min Scan# 864
Delta R.T. 0.000 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 97 Resp: 7959

Ion	Ratio	Lower	Upper
97	100		
99	45.5	51.4	77.2#
61	45.0	33.7	50.5

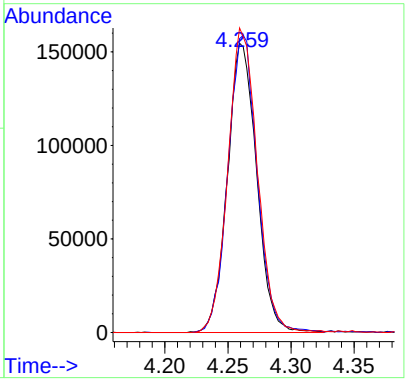


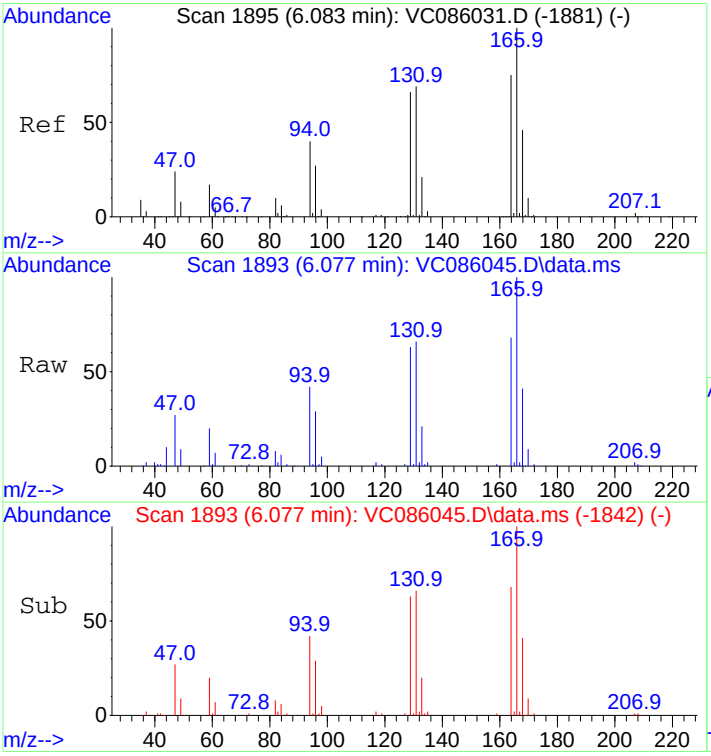


#51
TRICHLOROETHENE
Concen: 17.68 UG/L
RT: 4.259 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion: 95 Resp: 249566

Ion	Ratio	Lower	Upper
95	100		
130	103.1	83.0	124.4
132	106.0	85.1	127.7

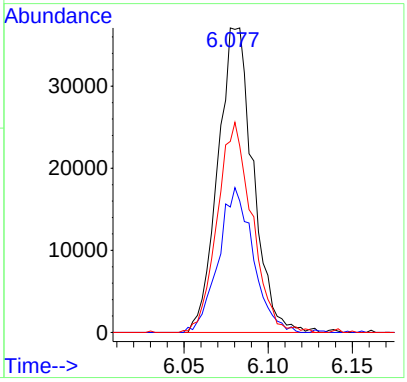


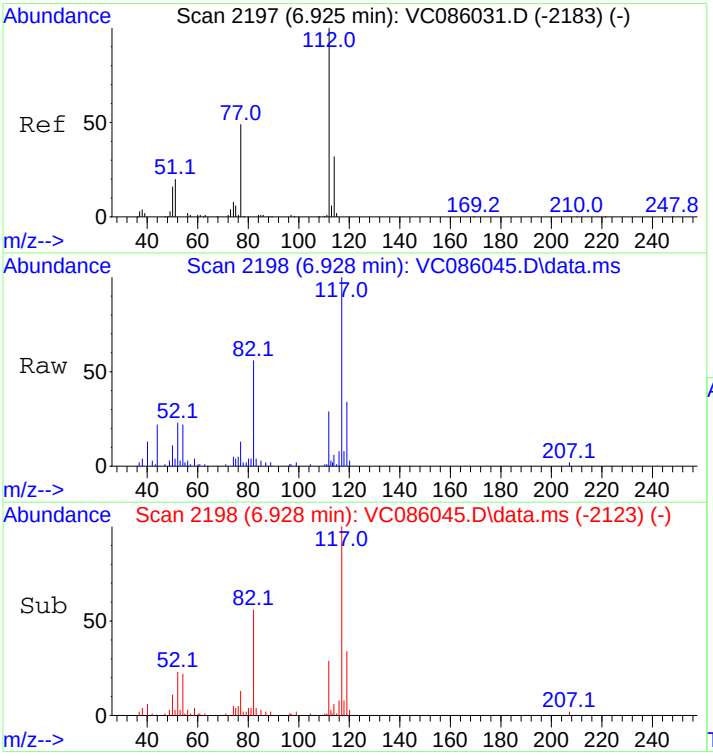


#66
TETRACHLOROETHENE
Concen: 3.57 UG/L
RT: 6.077 min Scan# 1893
Delta R.T. -0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:166 Resp: 54116

Ion	Ratio	Lower	Upper
166	100		
168	46.9	38.0	57.0
129	67.9	55.4	83.2

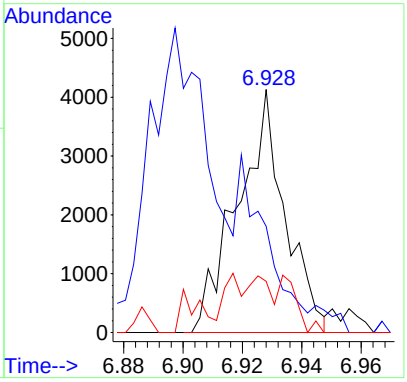


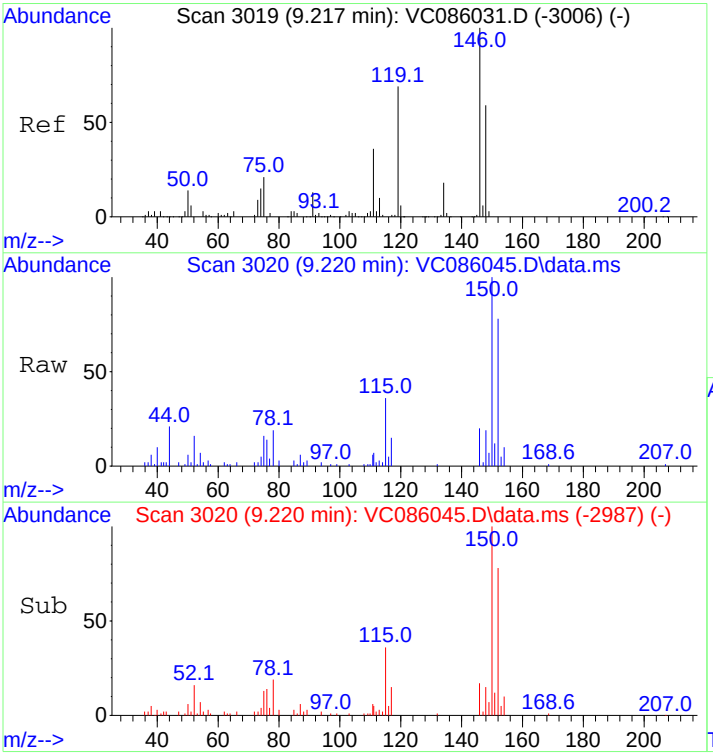


#72
CHLOROBENZENE
Concen: 0.12 UG/L
RT: 6.928 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:112 Resp: 4574

Ion	Ratio	Lower	Upper
112	100		
77	49.9	41.2	61.8
114	0.0	26.1	39.1#

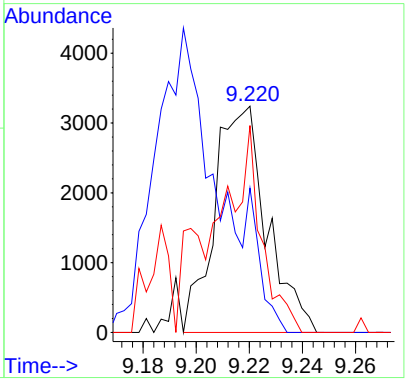


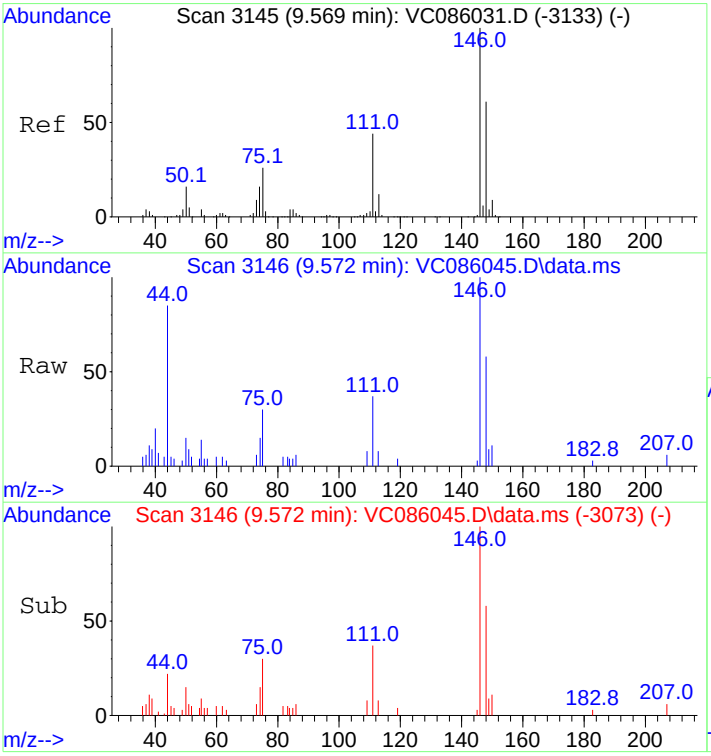


#95
1,4-DICHLOROBENZENE
Concen: 0.16 UG/L
RT: 9.220 min Scan# 3020
Delta R.T. 0.006 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:146 Resp: 4434

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.0	46.6#
148	61.1	51.2	76.8

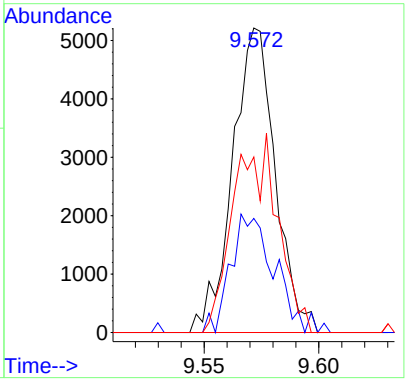




#97
1,2-DICHLOROBENZENE
Concen: 0.27 UG/L
RT: 9.572 min Scan# 3146
Delta R.T. 0.003 min
Lab File: VC086045.D
Acq: 27 Mar 2012 3:55 am

Tgt Ion:146 Resp: 6768

Ion	Ratio	Lower	Upper
146	100		
111	38.5	33.2	49.8
148	67.1	51.0	76.6



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1 - FORM I
ANALYSIS DATA SHEET

RB-12319

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-09	File ID:	VC086037.D
Sampled:	03/19/12 17:00	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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RB-12319

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-09	File ID:	VC086037.D
Sampled:	03/19/12 17:00	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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RB-12319

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-09	File ID:	VC086037.D
Sampled:	03/19/12 17:00	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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RB-12319

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-09	File ID:	VC086037.D
Sampled:	03/19/12 17:00	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:54
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086037.D
Acq On : 26 Mar 2012 11:54 pm
Operator :
Sample : 12C0572-09 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

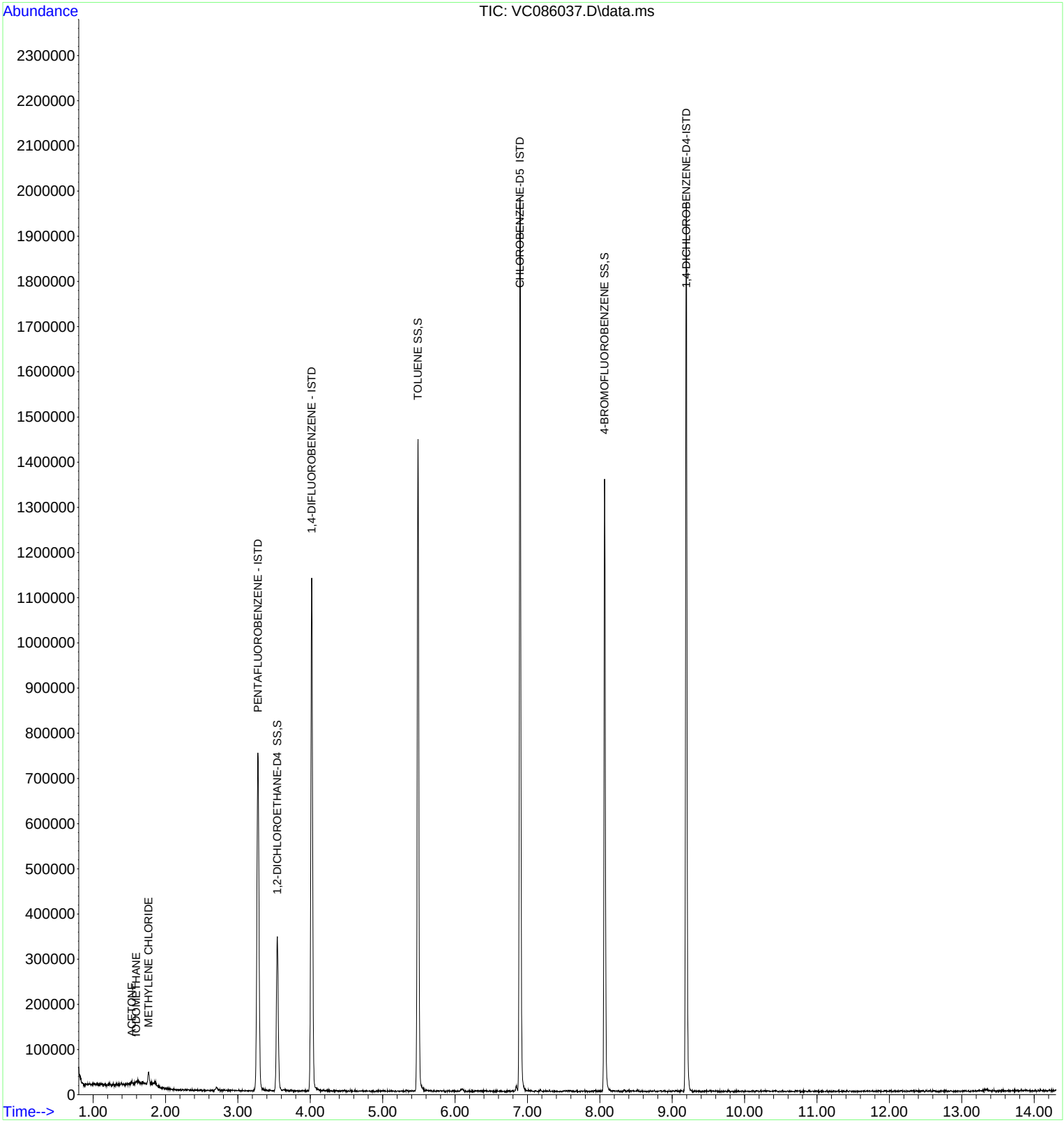
Quant Time: Mar 27 12:56:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

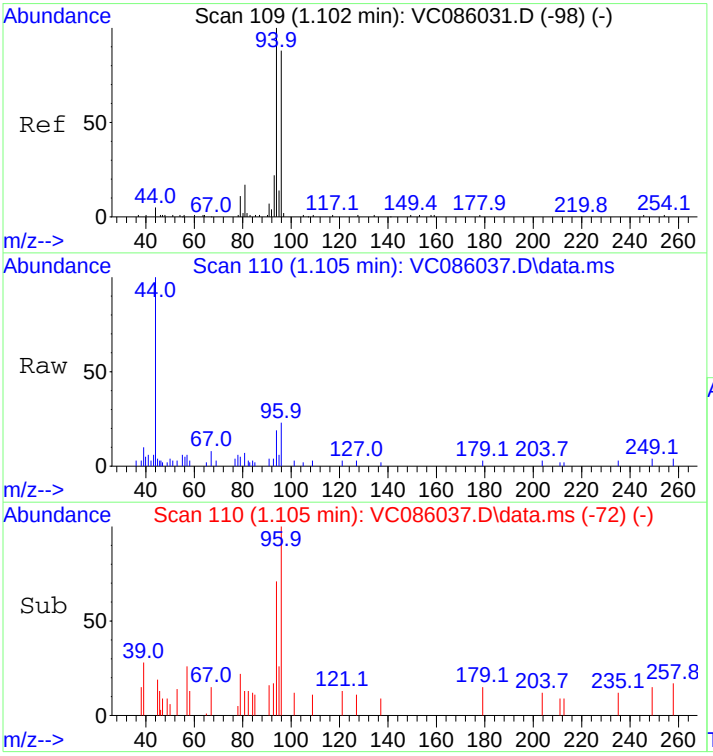
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	561942	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	881784	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	471641	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	448390	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223413	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
49) TOLUENE SS	5.486	98	820193	25.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	378312	24.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.105	94	1566	Below Cal		88
14) ACETONE	1.535	43	4559	2.36	UG/L	95
17) IODOMETHANE	1.596	142	5507	0.49	UG/L	87
23) METHYLENE CHLORIDE	1.766	49	10534	0.90	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086037.D
Acq On : 26 Mar 2012 11:54 pm
Operator :
Sample : 12C0572-09 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 27 12:56:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

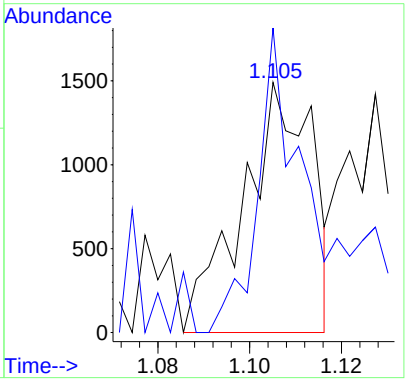


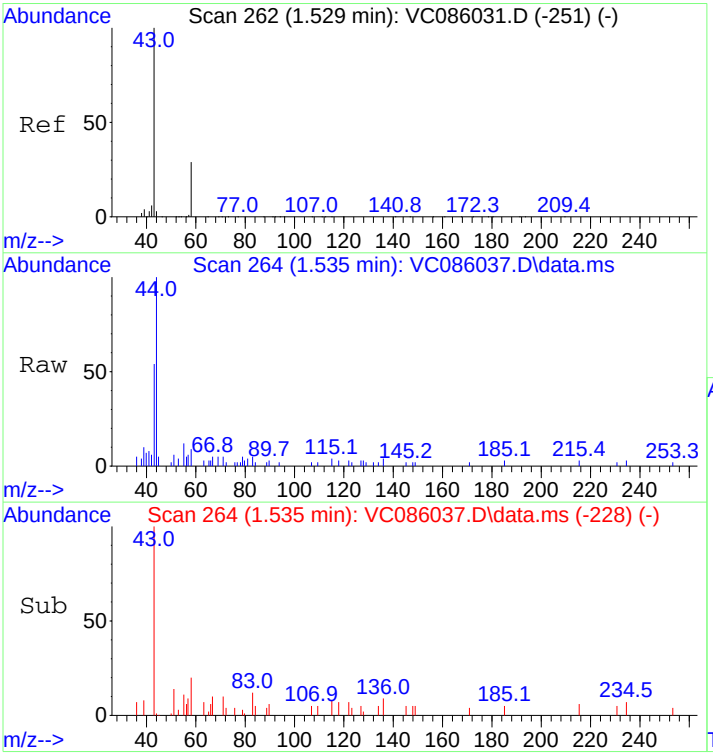


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.105 min Scan# 110
Delta R.T. 0.006 min
Lab File: VC086037.D
Acq: 26 Mar 2012 11:54 pm

Tgt Ion: 94 Resp: 1566

Ion	Ratio	Lower	Upper
94	100		
96	84.0	76.2	114.2

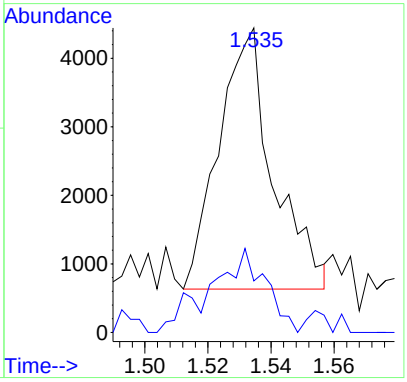


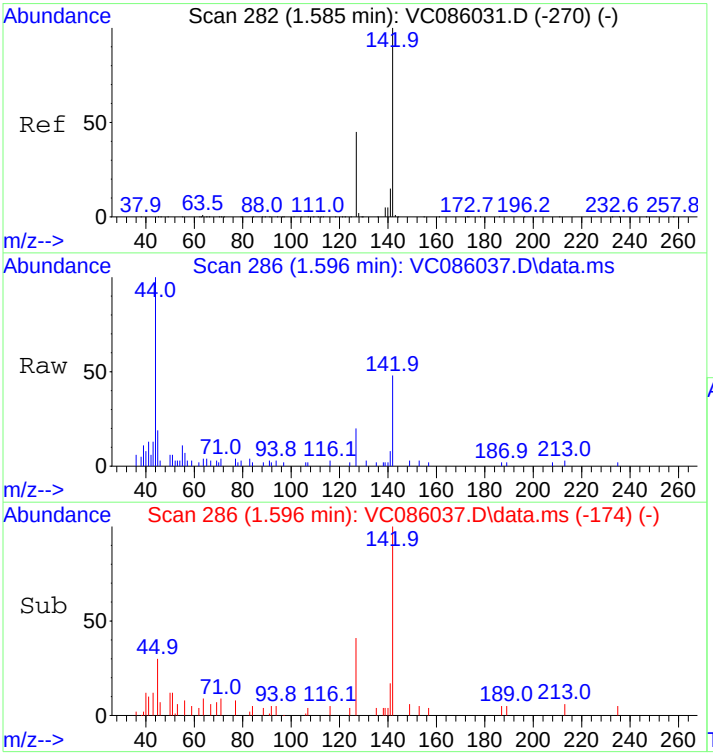


#14
ACETONE
Concen: 2.36 UG/L
RT: 1.535 min Scan# 264
Delta R.T. 0.006 min
Lab File: VC086037.D
Acq: 26 Mar 2012 11:54 pm

Tgt Ion: 43 Resp: 4559

Ion	Ratio	Lower	Upper
43	100		
58	32.6	23.8	35.6

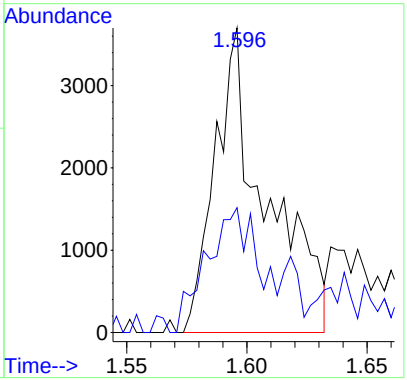


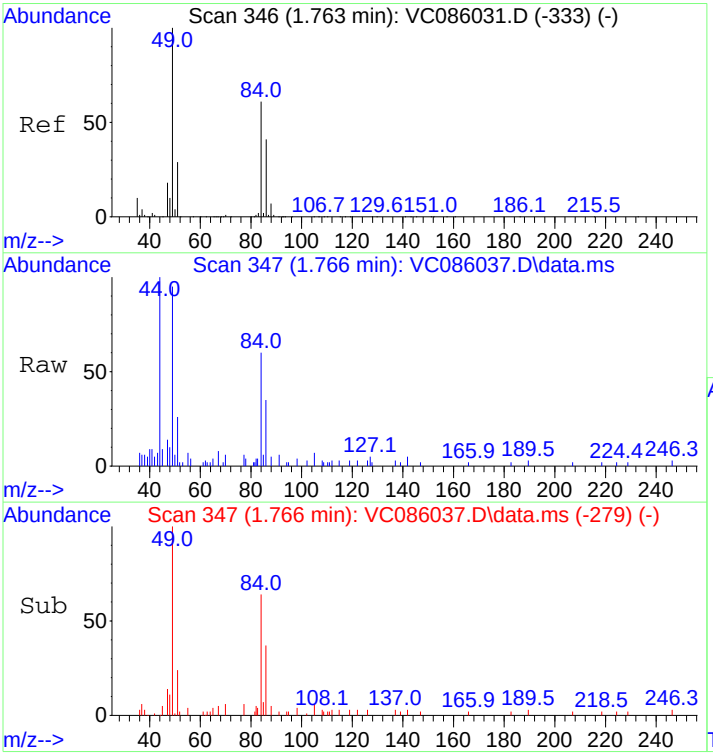


#17
IODOMETHANE
Concen: 0.49 UG/L
RT: 1.596 min Scan# 286
Delta R.T. 0.012 min
Lab File: VC086037.D
Acq: 26 Mar 2012 11:54 pm

Tgt Ion:142 Resp: 5507

Ion	Ratio	Lower	Upper
142	100		
127	37.3	36.8	55.2

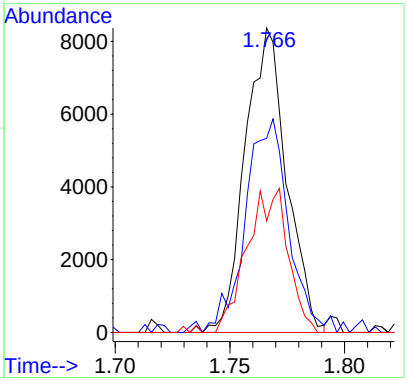




#23
METHYLENE CHLORIDE
Concen: 0.90 UG/L
RT: 1.766 min Scan# 347
Delta R.T. -0.000 min
Lab File: VC086037.D
Acq: 26 Mar 2012 11:54 pm

Tgt Ion: 49 Resp: 10534

Ion	Ratio	Lower	Upper
49	100		
84	73.1	57.8	86.6
86	46.6	37.1	55.7



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0572-01	101	97.2	100
12C0572-02	96.0	95.7	101
12C0572-03	105	98.2	99.6
12C0572-04	104	96.0	101
12C0572-05	102	95.9	100
12C0572-06	105	96.8	99.8
12C0572-07	101	97.0	101
12C0572-08	106	98.7	99.9
12C0572-09	100	96.7	101
B048557-BLK1	103	96.9	101
B048557-BS1	98.9	98.4	102
B048557-BSD1	102	99.4	102
B048557-MS1	105	97.1	100
B048557-MSD1	107	98.0	101

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	ND	97.4	97.4		70 - 130
Acrylonitrile	10.0	ND	11.1	111		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	10.2	102		70 - 130
Benzene	10.0	ND	11.0	110		70 - 130
Bromobenzene	10.0	ND	10.2	102		70 - 130
Bromochloromethane	10.0	ND	11.3	113		70 - 130
Bromodichloromethane	10.0	ND	9.33	93.3		70 - 130
Bromoform	10.0	ND	11.7	117		70 - 130
Bromomethane	10.0	ND	9.43	94.3		70 - 130
2-Butanone (MEK)	100	ND	108	108		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	91.6	91.6		70 - 130
n-Butylbenzene	10.0	ND	10.6	106		70 - 130
sec-Butylbenzene	10.0	ND	11.3	113		70 - 130
tert-Butylbenzene	10.0	ND	11.1	111		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	10.6	106		70 - 130
Carbon Disulfide	10.0	0.160	12.2	120		70 - 130
Carbon Tetrachloride	10.0	ND	9.47	94.7		70 - 130
Chlorobenzene	10.0	ND	11.0	110		70 - 130
Chlorodibromomethane	10.0	ND	10.5	105		70 - 130
Chloroethane	10.0	ND	11.4	114		70 - 130
Chloroform	10.0	0.180	11.0	109		70 - 130
Chloromethane	10.0	ND	14.2	142	*	70 - 130
2-Chlorotoluene	10.0	ND	11.0	110		70 - 130
4-Chlorotoluene	10.0	ND	11.3	113		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	9.70	97.0		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	10.6	106		70 - 130
Dibromomethane	10.0	ND	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.9	109		70 - 130
1,3-Dichlorobenzene	10.0	ND	11.0	110		70 - 130
1,4-Dichlorobenzene	10.0	ND	10.2	102		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	7.44	74.4		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	18.5	185	*	70 - 130
1,1-Dichloroethane	10.0	ND	11.0	110		70 - 130
1,2-Dichloroethane	10.0	ND	10.9	109		70 - 130
1,1-Dichloroethylene	10.0	ND	11.1	111		70 - 130
cis-1,2-Dichloroethylene	10.0	ND	10.2	102		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	11.1	111		70 - 130
1,2-Dichloropropane	10.0	ND	10.5	105		70 - 130
1,3-Dichloropropane	10.0	ND	10.8	108		70 - 130
2,2-Dichloropropane	10.0	ND	8.53	85.3		70 - 130
1,1-Dichloropropene	10.0	ND	11.6	116		70 - 130
cis-1,3-Dichloropropene	10.0	ND	9.52	95.2		70 - 130
trans-1,3-Dichloropropene	10.0	ND	9.85	98.5		70 - 130
Diethyl Ether	10.0	ND	9.87	98.7		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	11.9	119		70 - 130
1,4-Dioxane	100	ND	87.8	87.8		70 - 130
Ethylbenzene	10.0	ND	10.8	108		70 - 130
Hexachlorobutadiene	10.0	ND	9.19	91.9		70 - 130
2-Hexanone (MBK)	100	ND	112	112		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	11.3	113		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	10.9	109	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	ND	11.6	116	70 - 130
Methylene Chloride	10.0	ND	9.31	93.1	70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	111	111	70 - 130
Naphthalene	10.0	ND	9.17	91.7	70 - 130
n-Propylbenzene	10.0	ND	11.2	112	70 - 130
Styrene	10.0	ND	10.4	104	70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	10.1	101	70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	11.1	111	70 - 130
Tetrachloroethylene	10.0	0.930	12.0	111	70 - 130
Tetrahydrofuran	10.0	ND	11.0	110	70 - 130
Toluene	10.0	ND	10.8	108	70 - 130
1,2,3-Trichlorobenzene	10.0	ND	9.40	94.0	70 - 130
1,2,4-Trichlorobenzene	10.0	ND	9.07	90.7	70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.12	91.2	70 - 130
1,1,1-Trichloroethane	10.0	ND	10.6	106	70 - 130
1,1,2-Trichloroethane	10.0	ND	10.6	106	70 - 130
Trichloroethylene	10.0	0.190	10.6	104	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	11.0	110	70 - 130
1,2,3-Trichloropropane	10.0	ND	11.0	110	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	12.5	125	70 - 130
1,2,4-Trimethylbenzene	10.0	ND	10.3	103	70 - 130
1,3,5-Trimethylbenzene	10.0	ND	10.3	103	70 - 130
Vinyl Chloride	10.0	ND	10.7	107	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	ND	21.9	109	70 - 130
o-Xylene	10.0	ND	11.2	112	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	93.1	93.1		4.53	30	70 - 130
Acrylonitrile	10.0	10.6	106		4.72	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.54	95.4		7.08	30	70 - 130
Benzene	10.0	10.8	108		1.56	30	70 - 130
Bromobenzene	10.0	9.93	99.3		3.17	30	70 - 130
Bromochloromethane	10.0	11.0	110		2.06	30	70 - 130
Bromodichloromethane	10.0	9.20	92.0		1.40	30	70 - 130
Bromoform	10.0	11.2	112		4.28	30	70 - 130
Bromomethane	10.0	11.1	111		16.4	30	70 - 130
2-Butanone (MEK)	100	103	103		5.19	30	70 - 130
tert-Butyl Alcohol (TBA)	100	83.5	83.5		9.31	30	70 - 130
n-Butylbenzene	10.0	10.2	102		3.74	30	70 - 130
sec-Butylbenzene	10.0	11.1	111		2.23	30	70 - 130
tert-Butylbenzene	10.0	11.0	110		1.54	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.95	99.5		6.80	30	70 - 130
Carbon Disulfide	10.0	12.2	121		0.246	30	70 - 130
Carbon Tetrachloride	10.0	9.53	95.3		0.632	30	70 - 130
Chlorobenzene	10.0	10.8	108		2.66	30	70 - 130
Chlorodibromomethane	10.0	10.3	103		2.21	30	70 - 130
Chloroethane	10.0	11.2	112		1.85	30	70 - 130
Chloroform	10.0	11.0	108		0.727	30	70 - 130
Chloromethane	10.0	14.7	147	*	3.39	30	70 - 130
2-Chlorotoluene	10.0	10.7	107		2.40	30	70 - 130
4-Chlorotoluene	10.0	10.7	107		5.09	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.26	92.6		4.64	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	10.0	100		5.54	30	70 - 130
Dibromomethane	10.0	10.3	103		4.17	30	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106		2.42	30	70 - 130
1,3-Dichlorobenzene	10.0	10.6	106		4.25	30	70 - 130
1,4-Dichlorobenzene	10.0	9.87	98.7		3.78	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.40	64.0	*	15.0	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	17.8	178	*	3.96	30	70 - 130
1,1-Dichloroethane	10.0	11.1	111		0.361	30	70 - 130
1,2-Dichloroethane	10.0	10.5	105		3.18	30	70 - 130
1,1-Dichloroethylene	10.0	11.5	115		3.19	30	70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100		1.48	30	70 - 130
trans-1,2-Dichloroethylene	10.0	10.9	109		1.18	30	70 - 130
1,2-Dichloropropane	10.0	9.87	98.7		6.28	30	70 - 130
1,3-Dichloropropane	10.0	10.3	103		5.31	30	70 - 130
2,2-Dichloropropane	10.0	7.89	78.9		7.80	30	70 - 130
1,1-Dichloropropene	10.0	11.2	112		3.52	30	70 - 130
cis-1,3-Dichloropropene	10.0	9.05	90.5		5.06	30	70 - 130
trans-1,3-Dichloropropene	10.0	9.36	93.6		5.10	30	70 - 130
Diethyl Ether	10.0	9.71	97.1		1.63	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.6	116		2.47	30	70 - 130
1,4-Dioxane	100	101	101		13.8	30	70 - 130
Ethylbenzene	10.0	10.3	103		5.03	30	70 - 130
Hexachlorobutadiene	10.0	9.26	92.6		0.759	30	70 - 130
2-Hexanone (MBK)	100	100	100		11.2	30	70 - 130
Isopropylbenzene (Cumene)	10.0	10.9	109		3.96	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105	3.08	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.7	107	7.64	30	70 - 130
Methylene Chloride	10.0	9.25	92.5	0.647	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	103	103	7.79	30	70 - 130
Naphthalene	10.0	8.12	81.2	12.1	30	70 - 130
n-Propylbenzene	10.0	11.0	110	2.34	30	70 - 130
Styrene	10.0	10.1	101	3.60	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.65	96.5	4.26	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3	103	7.56	30	70 - 130
Tetrachloroethylene	10.0	11.1	102	7.52	30	70 - 130
Tetrahydrofuran	10.0	10.4	104	6.00	30	70 - 130
Toluene	10.0	10.5	105	2.16	30	70 - 130
1,2,3-Trichlorobenzene	10.0	8.70	87.0	7.73	30	70 - 130
1,2,4-Trichlorobenzene	10.0	8.29	82.9	8.99	30	70 - 130
1,3,5-Trichlorobenzene	10.0	8.57	85.7	6.22	30	70 - 130
1,1,1-Trichloroethane	10.0	10.4	104	1.24	30	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	4.93	30	70 - 130
Trichloroethylene	10.0	10.3	102	2.11	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.1	111	0.271	30	70 - 130
1,2,3-Trichloropropane	10.0	10.4	104	6.17	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.1	121	3.50	30	70 - 130
1,2,4-Trimethylbenzene	10.0	9.98	99.8	3.25	30	70 - 130
1,3,5-Trimethylbenzene	10.0	9.95	99.5	3.46	30	70 - 130
Vinyl Chloride	10.0	10.8	108	0.930	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B048557	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B048557-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	12C0572-03
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	21.0	105	3.87	20	70 - 130
o-Xylene	10.0	10.8	108	3.90	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	109	109	70 - 160
Acrylonitrile	10.0	9.51	95.1	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	70 - 130
Benzene	10.0	10.9	109	70 - 130
Bromobenzene	10.0	10.7	107	70 - 130
Bromochloromethane	10.0	11.0	110	70 - 130
Bromodichloromethane	10.0	9.91	99.1	70 - 130
Bromoform	10.0	12.1	121	70 - 130
Bromomethane	10.0	7.55	75.5	40 - 160
2-Butanone (MEK)	100	96.5	96.5	40 - 160
tert-Butyl Alcohol (TBA)	100	78.3	78.3	40 - 160
n-Butylbenzene	10.0	11.0	110	70 - 130
sec-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.0	110	70 - 130
Carbon Disulfide	10.0	12.2	122	70 - 130
Carbon Tetrachloride	10.0	9.89	98.9	70 - 130
Chlorobenzene	10.0	11.2	112	70 - 130
Chlorodibromomethane	10.0	11.4	114	70 - 130
Chloroethane	10.0	11.4	114	70 - 130
Chloroform	10.0	10.7	107	70 - 130
Chloromethane	10.0	14.5	145	40 - 160
2-Chlorotoluene	10.0	11.1	111	70 - 130
4-Chlorotoluene	10.0	11.5	115	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.21	92.1	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.4	104	70 - 130
Dibromomethane	10.0	10.4	104	70 - 130
1,2-Dichlorobenzene	10.0	11.5	115	70 - 130
1,3-Dichlorobenzene	10.0	11.5	115	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.36	73.6	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	18.4	184	*	40 - 160
1,1-Dichloroethane	10.0	11.0	110		70 - 130
1,2-Dichloroethane	10.0	10.5	105		70 - 130
1,1-Dichloroethylene	10.0	11.2	112		70 - 130
cis-1,2-Dichloroethylene	10.0	10.2	102		70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107		70 - 130
1,2-Dichloropropane	10.0	10.6	106		70 - 130
1,3-Dichloropropane	10.0	10.6	106		70 - 130
2,2-Dichloropropane	10.0	9.61	96.1		40 - 130
1,1-Dichloropropene	10.0	10.9	109		70 - 130
cis-1,3-Dichloropropene	10.0	9.85	98.5		70 - 130
trans-1,3-Dichloropropene	10.0	10.6	106		70 - 130
Diethyl Ether	10.0	9.42	94.2		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.7	117		70 - 130
1,4-Dioxane	100	95.4	95.4		40 - 130
Ethylbenzene	10.0	10.7	107		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	98.7	98.7		70 - 160
Isopropylbenzene (Cumene)	10.0	11.4	114		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.3	113		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112		70 - 130
Methylene Chloride	10.0	11.3	113		70 - 130
4-Methyl-2-pentanone (MIBK)	100	95.4	95.4		70 - 160
Naphthalene	10.0	8.27	82.7		40 - 130
n-Propylbenzene	10.0	11.4	114		70 - 130
Styrene	10.0	10.9	109		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.92	99.2		70 - 130
Tetrachloroethylene	10.0	10.8	108		70 - 130
Tetrahydrofuran	10.0	8.76	87.6		70 - 130
Toluene	10.0	11.1	111		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.73	87.3	70 - 130
1,2,4-Trichlorobenzene	10.0	8.88	88.8	70 - 130
1,3,5-Trichlorobenzene	10.0	9.29	92.9	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	10.1	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118	70 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130
1,3,5-Trimethylbenzene	10.0	10.5	105	70 - 130
Vinyl Chloride	10.0	10.9	109	40 - 160
m+p Xylene	20.0	21.9	110	70 - 130
o-Xylene	10.0	11.7	117	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	121	121	10.7	25	70 - 160
Acrylonitrile	10.0	10.8	108	12.2	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	0.0949	25	70 - 130
Benzene	10.0	10.4	104	4.96	25	70 - 130
Bromobenzene	10.0	10.0	100	6.57	25	70 - 130
Bromochloromethane	10.0	10.6	106	3.99	25	70 - 130
Bromodichloromethane	10.0	9.41	94.1	5.18	25	70 - 130
Bromoform	10.0	12.6	126	4.45	25	70 - 130
Bromomethane	10.0	8.36	83.6	10.2	25	40 - 160
2-Butanone (MEK)	100	110	110	12.7	25	40 - 160
tert-Butyl Alcohol (TBA)	100	92.0	92.0	16.1	25	40 - 160
n-Butylbenzene	10.0	10.2	102	7.55	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.6	106		7.81	25	70 - 130
tert-Butylbenzene	10.0	10.4	104		8.73	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.7	107		2.03	25	70 - 130
Carbon Disulfide	10.0	11.3	113		7.72	25	70 - 130
Carbon Tetrachloride	10.0	9.17	91.7		7.56	25	70 - 130
Chlorobenzene	10.0	10.8	108		3.36	25	70 - 130
Chlorodibromomethane	10.0	11.4	114		0.0878	25	70 - 130
Chloroethane	10.0	10.6	106		7.47	25	70 - 130
Chloroform	10.0	10.2	102		4.31	25	70 - 130
Chloromethane	10.0	13.7	137		5.82	25	40 - 160
2-Chlorotoluene	10.0	10.5	105		5.83	25	70 - 130
4-Chlorotoluene	10.0	10.7	107		6.58	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.75	97.5		5.70	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107		2.18	25	70 - 130
Dibromomethane	10.0	10.4	104		0.385	25	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108		6.27	25	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108		6.73	25	70 - 130
1,4-Dichlorobenzene	10.0	9.94	99.4		6.80	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.98	79.8		8.08	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	16.7	167	*	9.81	25	40 - 160
1,1-Dichloroethane	10.0	10.4	104		5.77	25	70 - 130
1,2-Dichloroethane	10.0	10.7	107		1.79	25	70 - 130
1,1-Dichloroethylene	10.0	10.2	102		9.18	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.52	95.2		7.09	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101		6.16	25	70 - 130
1,2-Dichloropropane	10.0	10.1	101		4.63	25	70 - 130
1,3-Dichloropropane	10.0	10.7	107		0.470	25	70 - 130
2,2-Dichloropropane	10.0	8.61	86.1		11.0	25	40 - 130
1,1-Dichloropropene	10.0	10.6	106		3.44	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.65	96.5	2.05	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.3	103	3.25	25	70 - 130
Diethyl Ether	10.0	9.93	99.3	5.27	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.3	113	3.21	25	70 - 130
1,4-Dioxane	100	93.7	93.7	1.84	50	40 - 130
Ethylbenzene	10.0	10.1	101	6.35	25	70 - 130
Hexachlorobutadiene	10.0	9.48	94.8	5.94	25	70 - 130
2-Hexanone (MBK)	100	111	111	11.4	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.6	106	7.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.4	104	8.59	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.7	117	4.64	25	70 - 130
Methylene Chloride	10.0	10.6	106	6.38	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	109	109	12.9	25	70 - 160
Naphthalene	10.0	9.04	90.4	8.90	25	40 - 130
n-Propylbenzene	10.0	10.6	106	7.45	25	70 - 130
Styrene	10.0	10.2	102	6.75	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2	102	4.23	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	8.59	25	70 - 130
Tetrachloroethylene	10.0	9.79	97.9	9.72	25	70 - 130
Tetrahydrofuran	10.0	9.74	97.4	10.6	25	70 - 130
Toluene	10.0	10.4	104	6.05	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.47	94.7	8.13	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.82	88.2	0.678	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.69	86.9	6.67	25	70 - 130
1,1,1-Trichloroethane	10.0	10.0	100	4.29	25	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	3.50	25	70 - 130
Trichloroethylene	10.0	10.1	101	6.86	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.85	98.5	8.18	25	70 - 130
1,2,3-Trichloropropane	10.0	10.9	109	7.24	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.2	112	5.74	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.97	99.7	6.31	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.75	97.5	7.12	25	70 - 130
Vinyl Chloride	10.0	10.1	101	7.45	25	40 - 160
m+p Xylene	20.0	20.4	102	7.04	25	70 - 130
o-Xylene	10.0	10.9	109	7.28	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048557-BLK1	Batch:	B048557

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B048557-MSD1	VC086052.D	07:26
Matrix Spike	B048557-MS1	VC086051.D	06:56
LCS Dup	B048557-BSD1	VC086032.D	21:24
LCS	B048557-BS1	VC086031.D	20:54
RB-12319	12C0572-09	VC086037.D	23:54
P2-14-March-2012	12C0572-08	VC086045.D	03:55
PW-11-Ch0-March-2012	12C0572-07	VC086044.D	03:25
PW-11-Ch4-March-2012	12C0572-06	VC086043.D	02:54
PW-8-Ch0-March-2012 2	12C0572-05	VC086042.D	02:24
PW-8-Ch0-March-2012	12C0572-04	VC086041.D	01:54
PW-8-Ch4-March 2012	12C0572-03	VC086040.D	01:24
TB 31912-03	12C0572-02	VC086035.D	22:54
MW-27-March 2012	12C0572-01	VC086039.D	00:54

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC086030.D	Injection Date:	03/26/12
Instrument ID:	GCMSVOA3	Injection Time:	20:24
Sequence:	S002043	Lab Sample ID:	S002043-TUN1

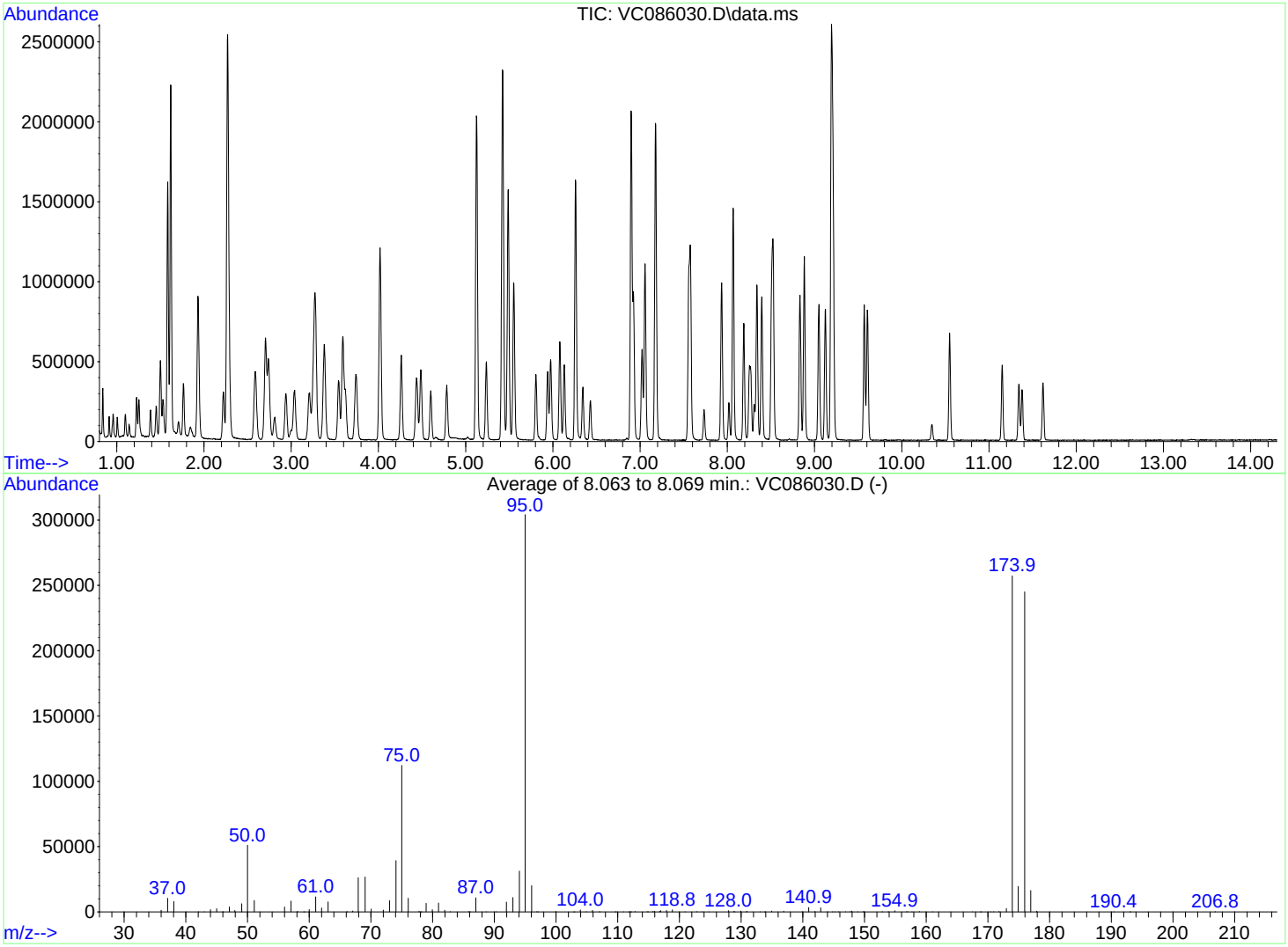
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	16.8	PASS
75	30 - 60% of 95	36.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0.998	PASS
174	50 - 200% of 95	84.6	PASS
175	5 - 9% of 174	7.61	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 9% of 176	6.67	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
LCS	B048557-BS1	VC086031.D	03/26/2012	20:54:00
Calibration Check	S002043-CCV1	VC086031.D	03/26/2012	20:54:00
LCS Dup	B048557-BSD1	VC086032.D	03/26/2012	21:24:00
Blank	B048557-BLK1	VC086034.D	03/26/2012	22:24:00
TB 31912-03	12C0572-02	VC086035.D	03/26/2012	22:54:00
RB-12319	12C0572-09	VC086037.D	03/26/2012	23:54:00
MW-27-March 2012	12C0572-01	VC086039.D	03/27/2012	0:54:00
PW-8-Ch4-March 2012	12C0572-03	VC086040.D	03/27/2012	1:24:00
PW-8-Ch0-March-2012	12C0572-04	VC086041.D	03/27/2012	1:54:00
PW-8-Ch0-March-2012 2	12C0572-05	VC086042.D	03/27/2012	2:24:00
PW-11-Ch4-March-2012	12C0572-06	VC086043.D	03/27/2012	2:54:00
PW-11-Ch0-March-2012	12C0572-07	VC086044.D	03/27/2012	3:25:00
P2-14-March-2012	12C0572-08	VC086045.D	03/27/2012	3:55:00
Matrix Spike	B048557-MS1	VC086051.D	03/27/2012	6:56:00
Matrix Spike Dup	B048557-MSD1	VC086052.D	03/27/2012	7:26:00

Data Path : X:\1\DATA\032612\
Data File : VC086030.D
Acq On : 26 Mar 2012 8:24 pm
Operator :
Sample : S002043-TUN1 @ BFB/ 2CEVE 100 PPB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.069 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.8	51112	PASS
75	95	30	60	36.9	112152	PASS
95	95	100	100	100.0	304170	PASS
96	95	5	9	6.6	20167	PASS
173	174	0.00	2	1.0	2568	PASS
174	95	50	100	84.6	257322	PASS
175	174	5	9	7.6	19581	PASS
176	174	95	101	95.3	245141	PASS
177	176	5	9	6.7	16353	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4		0.5		1		2		5	0.255207	10	0.2562633
Ethyl Methacrylate	0.4	0.5335834	0.5	0.4846244	1	0.4667511	2	0.4669007	5	0.5410775	10	0.5188374
Acetone	4		5	0.118444	10	0.0923742	20	0.1013782	50	0.1086334	100	0.1026794
Acrolein	4	5.559494E-02	5	4.894834E-02	10	5.167108E-02	20	4.850347E-02	50	5.497581E-02	100	5.347363E-02
Acrylonitrile	0.4	0.3176682	0.5	0.2684992	1	0.2464786	2	0.2135965	5	0.2306932	10	0.2280664
tert-Amyl Methyl Ether (TAME)	0.4	1.59816	0.5	1.543257	1	1.337745	2	1.51012	5	1.644812	10	1.638699
Benzene	0.4	2.412626	0.5	2.619904	1	2.357944	2	2.479273	5	2.718464	10	2.674683
Bromobenzene	0.4	1.512642	0.5	1.537011	1	1.317657	2	1.423723	5	1.548981	10	1.524256
Bromochloromethane	0.4	0.6930508	0.5	0.696429	1	0.6065798	2	0.6756422	5	0.7068405	10	0.6879045
Bromodichloromethane	0.4	0.5397666	0.5	0.4617473	1	0.4570995	2	0.4719035	5	0.5256021	10	0.5562757
Bromoform	0.4	0.3183268	0.5	0.3014075	1	0.273832	2	0.3069704	5	0.3496367	10	0.3778788
Bromomethane	0.4		0.5	0.6435145	1	0.4018381	2	0.3476099	5	0.2473896	10	0.1999056
2-Butanone (MEK)	4	0.3051076	5	0.2619413	10	0.2375014	20	0.2525352	50	0.2901411	100	0.2662
tert-Butyl Alcohol (TBA)	4		5		10	2.941299E-02	20	2.802977E-02	50	3.239749E-02	100	2.717154E-02
n-Butylbenzene	0.4		0.5	1.702183	1	1.53656	2	1.999825	5	2.317035	10	2.379614
sec-Butylbenzene	0.4	2.739028	0.5	2.962551	1	2.63794	2	2.87251	5	3.122372	10	3.179524
tert-Butylbenzene	0.4	2.080162	0.5	2.431758	1	1.988441	2	2.204368	5	2.316207	10	2.301416
tert-Butyl Ethyl Ether (TBEE)	0.4	1.891282	0.5	1.797521	1	1.684094	2	1.766716	5	2.035328	10	1.988942
Carbon Disulfide	4	0.9589199	5	1.132036	10	0.9338059	20	1.018527	50	1.029866	100	1.027595
Carbon Tetrachloride	0.4		0.5		1		2	0.6928012	5	0.7473743	10	0.7828302
Chlorobenzene	0.4	2.198223	0.5	2.521201	1	2.118267	2	2.287767	5	2.470318	10	2.433124
Chlorodibromomethane	0.4	0.3414476	0.5	0.3471761	1	0.2988928	2	0.3146791	5	0.3705839	10	0.4111664
Chloroethane	0.4		0.5		1	0.2117139	2	0.234727	5	0.2139153	10	0.2008357
2-Chloroethyl Vinyl Ether	4	0.2155097	5	0.1966197	10	0.1768705	20	0.2073275	50	0.2213767	100	0.2131915
Chloroform	0.4	1.1574	0.5	1.101387	1	1.049434	2	1.09479	5	1.210248	10	1.197392
Chloromethane	0.4		0.5		1	0.3079781	2	0.386434	5	0.3278358	10	0.3250697

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.361513	0.5	2.58798	1	2.300129	2	2.458864	5	2.681891	10	2.656688
4-Chlorotoluene	0.4	2.800981	0.5	2.8099	1	2.616386	2	2.805802	5	3.027142	10	3.023134
Cyclohexane	0.4		0.5		1		2		5	1.162889	10	1.095819
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	5.098118E-02	2	6.509278E-02	5	9.122763E-02	10	8.990188E-02
1,2-Dibromoethane (EDB)	0.4	0.409386	0.5	0.3915701	1	0.3682677	2	0.3810148	5	0.4332592	10	0.4326606
Dibromomethane	0.4	0.3006846	0.5	0.30136	1	0.2455015	2	0.2691443	5	0.2947803	10	0.2878836
1,2-Dichlorobenzene	0.4	1.498541	0.5	1.544341	1	1.487915	2	1.546596	5	1.716052	10	1.720615
1,3-Dichlorobenzene	0.4	1.478515	0.5	1.703721	1	1.529377	2	1.61411	5	1.76961	10	1.743383
1,4-Dichlorobenzene	0.4	1.839847	0.5	1.910785	1	1.667429	2	1.796148	5	1.894709	10	1.902218
trans-1,4-Dichloro-2-butene	0.4	0.2116284	0.5	0.2412219	1	0.1425232	2	0.2098871	5	0.2243365	10	0.2361644
Dichlorodifluoromethane (Freon	0.4		0.5		1	0.4010687	2	0.5313945	5	0.4318443	10	0.3780298
1,1-Dichloroethane	0.4	1.157759	0.5	1.264351	1	1.103432	2	1.142703	5	1.253257	10	1.228924
1,2-Dichloroethane	0.4	0.6180102	0.5	0.6560793	1	0.563882	2	0.5858969	5	0.6529581	10	0.6456515
1,1-Dichloroethylene	0.4	0.5557099	0.5	0.6670757	1	0.5596979	2	0.5746994	5	0.601691	10	0.6125766
cis-1,2-Dichloroethylene	0.4	1.075857	0.5	1.266806	1	1.041452	2	1.143696	5	1.238934	10	1.221726
trans-1,2-Dichloroethylene	0.4	0.9498915	0.5	1.013621	1	0.8942184	2	0.9431088	5	1.032496	10	1.021628
Dichlorofluoromethane (Freon 2	0.4	0.7207106	0.5	0.836029	1	0.6512979	2	0.6998786	5	0.7397239	10	0.7389791
1,2-Dichloropropane	0.4	0.4699962	0.5	0.464035	1	0.4143742	2	0.4418212	5	0.4787697	10	0.4612723
1,3-Dichloropropane	0.4	0.6025905	0.5	0.604884	1	0.5819865	2	0.6294405	5	0.6643002	10	0.6423944
2,2-Dichloropropane	0.4	0.8064439	0.5	0.787434	1	0.7192407	2	0.7554545	5	0.830245	10	0.8395309
1,1-Dichloropropene	0.4	0.8168612	0.5	0.8649896	1	0.7783359	2	0.7966717	5	0.8878623	10	0.8874512
cis-1,3-Dichloropropene	0.4	0.6035065	0.5	0.5789771	1	0.5609005	2	0.607537	5	0.6851598	10	0.7091602
trans-1,3-Dichloropropene	0.4	0.4919044	0.5	0.4642205	1	0.4369048	2	0.4672463	5	0.5408324	10	0.5641639
Diethyl Ether	0.4	0.4243559	0.5	0.3760952	1	0.3297121	2	0.3173398	5	0.3220089	10	0.3007203
Difluorochloromethane (Freon 2	0.4		0.5		1	0.6365842	2	0.7723844	5	0.7289767	10	0.6543704
Diisopropyl Ether (DIPE)	0.4	2.27301	0.5	2.529979	1	2.046504	2	2.231816	5	2.439974	10	2.360562

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	2.532805E-03	100	2.691532E-03
Ethyl Acetate	0.4		0.5	0.9633575	1	0.6733685	2	0.6845017	5	0.7880304	10	0.6963866
Ethylbenzene	0.4	3.580587	0.5	4.024522	1	3.580524	2	3.899826	5	4.167349	10	4.192571
Hexachlorobutadiene	0.4		0.5		1		2	0.3179624	5	0.372293	10	0.3898699
2-Hexanone (MBK)	4	0.2594101	5	0.2233242	10	0.1998377	20	0.2373884	50	0.2758249	100	0.2560025
Iodomethane	4		5		10		20	0.5092584	50	0.6045739	100	0.6662291
Isopropylbenzene (Cumene)	0.4	3.126971	0.5	3.54028	1	3.074513	2	3.276211	5	3.63217	10	3.594218
p-Isopropyltoluene (p-Cymene)	0.4	2.27971	0.5	2.5444	1	2.341864	2	2.613514	5	2.769671	10	2.781415
Methyl Acetate	0.4		0.5		1	0.2938414	2	0.2836837	5	0.3244435	10	0.2846458
Methyl tert-Butyl Ether (MTBE)	0.4	1.601752	0.5	1.485139	1	1.286728	2	1.395302	5	1.571263	10	1.504441
Methyl Cyclohexane	0.4	0.5089272	0.5	0.5127571	1	0.4398249	2	0.4818102	5	0.4828771	10	0.4945891
Methylene Chloride	0.4		0.5		1		2		5	0.7693985	10	0.6781991
4-Methyl-2-pentanone (MIBK)	4	0.4106302	5	0.3761806	10	0.3432073	20	0.3739517	50	0.421926	100	0.3868756
Naphthalene	0.4		0.5		1		2	0.1012853	5	0.6408294	10	0.953802
n-Propylbenzene	0.4	3.363211	0.5	3.844804	1	3.439721	2	3.829936	5	4.125558	10	4.086937
Styrene	0.4	2.338375	0.5	2.558008	1	2.45719	2	2.531514	5	2.74131	10	2.746747
1,1,1,2-Tetrachloroethane	0.4	0.6286954	0.5	0.6876983	1	0.6091352	2	0.6572887	5	0.7555848	10	0.7891382
1,1,2,2-Tetrachloroethane	0.4	0.9070839	0.5	0.8579444	1	0.7581853	2	0.8137816	5	0.9169518	10	0.8606675
Tetrachloroethylene	0.4	0.4923624	0.5	0.4849954	1	0.4454499	2	0.4953374	5	0.5110423	10	0.5169637
Tetrahydrofuran	0.4		0.5		1	0.2038762	2	0.1454951	5	0.1836092	10	0.1559433
Toluene	0.4	1.681742	0.5	1.899606	1	1.744761	2	1.866336	5	1.947783	10	1.944601
1,2,3-Trichlorobenzene	0.4		0.5		1		2	0.0606098	5	0.3198823	10	0.4394123
1,2,4-Trichlorobenzene	0.4		0.5		1	1.693533E-02	2	0.1557086	5	0.5124175	10	0.6246897
1,3,5-Trichlorobenzene	0.4	0.4093952	0.5	0.3304739	1	0.438333	2	0.6729242	5	0.9565118	10	1.037135
1,1,1-Trichloroethane	0.4	0.9404321	0.5	1.098442	1	0.8753694	2	0.9679817	5	1.024948	10	1.040963
1,1,2-Trichloroethane	0.4	0.3983937	0.5	0.4063475	1	0.3573866	2	0.3777235	5	0.4091821	10	0.4098346

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4512177	0.5	0.4826458	1	0.4051836	2	0.4524849	5	0.4709546	10	0.4775163
Trichlorofluoromethane (Freon 1	0.4	0.6315048	0.5	0.8210087	1	0.5839322	2	0.6666808	5	0.6708705	10	0.679205
1,2,3-Trichloropropane	0.4	0.7602999	0.5	0.6357853	1	0.6242657	2	0.5995225	5	0.7127861	10	0.6824222
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3187459	0.5	0.3423242	1	0.285619	2	0.3314692	5	0.3246269	10	0.3402748
1,2,4-Trimethylbenzene	0.4	2.71514	0.5	2.977341	1	2.748604	2	2.877143	5	3.159592	10	3.154724
1,3,5-Trimethylbenzene	0.4	2.889995	0.5	2.878358	1	2.833375	2	2.91349	5	3.221689	10	3.256312
Vinyl Acetate	4	1.636057	5	1.546742	10	1.395788	20	1.492556	50	1.668066	100	1.530057
Vinyl Chloride	0.4	0.4660252	0.5	0.5179531	1	0.3768825	2	0.432132	5	0.3988081	10	0.3977085
m+p Xylene	0.8	2.772906	1	3.140561	2	2.791247	4	2.920746	10	3.15837	20	3.12673
o-Xylene	0.4	2.836056	0.5	3.075939	1	2.72942	2	2.977892	5	3.133082	10	3.163735
1,2-Dichloroethane-d4	25	0.4829726	25	0.4694093	25	0.4576348	25	0.4589957	25	0.4799226	25	0.4656097
Toluene-d8	25	1.106262	25	1.100779	25	1.098569	25	1.109653	25	1.101618	25	1.10459
4-Bromofluorobenzene	25	0.9814345	25	0.9915085	25	0.9762612	25	0.9878469	25	0.9952398	25	0.9698514

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.3195959	50	0.2952293	100	0.3245824	200	0.3022117				
Ethyl Methacrylate	20	0.5994382	50	0.5419339	100	0.5609313	200	0.485003				
Acetone	200	0.1169252	500	9.575092E-02	1000	0.1023449	2000	8.849887E-02				
Acrolein	200	5.699009E-02	500	5.939349E-02	1000	6.317611E-02	2000	5.656893E-02				
Acrylonitrile	20	0.2732079	50	0.2408335	100	0.2479368	200	0.2148733				
tert-Amyl Methyl Ether (TAME)	20	1.84738	50	1.65833	100	1.681223	200	1.603699				
Benzene	20	2.733877	50	2.688903	100	2.565031	200	2.461629				
Bromobenzene	20	1.558219	50	1.464272	100	1.418193	200	1.31511				
Bromochloromethane	20	0.721518	50	0.6996959	100	0.675012	200	0.6269629				
Bromodichloromethane	20	0.6009459	50	0.6144289	100	0.6176199	200	0.6072929				
Bromoform	20		50		100		200					
Bromomethane	20		50		100		200					
2-Butanone (MEK)	200	0.3352423	500	0.2763198	1000	0.2920171	2000	0.2483808				
tert-Butyl Alcohol (TBA)	200	4.017139E-02	500	2.856701E-02	1000	3.326167E-02	2000	2.964167E-02				
n-Butylbenzene	20	2.389259	50	2.253845	100	2.208944	200	2.121036				
sec-Butylbenzene	20	3.054614	50	2.92532	100	2.83121	200	2.695889				
tert-Butylbenzene	20	2.288992	50	2.180144	100	2.120881	200	2.038914				
tert-Butyl Ethyl Ether (TBEE)	20	2.174241	50	2.064509	100	1.990136	200	1.944167				
Carbon Disulfide	200	0.9406725	500	0.7428619	1000		2000					
Carbon Tetrachloride	20	0.8559071	50	0.9348424	100	0.9399966	200	0.9615483				
Chlorobenzene	20	2.493578	50	2.35638	100	2.255566	200	2.097077				
Chlorodibromomethane	20		50		100		200					
Chloroethane	20	0.1574603	50	0.2325128	100	0.2147056	200	0.195079				
2-Chloroethyl Vinyl Ether	200	0.2470705	500	0.1900294	1000	0.1688464	2000					
Chloroform	20	1.22749	50	1.209104	100	1.192589	200	1.197123				
Chloromethane	20	0.3084019	50	0.4305973	100		200					

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.731933	50	2.546127	100	2.430121	200	2.247154				
4-Chlorotoluene	20	3.108998	50	2.929042	100	2.74345	200	2.510918				
Cyclohexane	20	1.09006	50	1.160582	100	1.106705	200	1.070663				
1,2-Dibromo-3-chloropropane (D	20	0.1200326	50	0.1067593	100	0.134631	200	0.1310054				
1,2-Dibromoethane (EDB)	20	0.464204	50	0.4182307	100	0.4183637	200	0.3907498				
Dibromomethane	20	0.3117179	50	0.2925505	100	0.2881413	200	0.2689415				
1,2-Dichlorobenzene	20	1.729065	50	1.601361	100	1.603735	200	1.525933				
1,3-Dichlorobenzene	20	1.723898	50	1.6477	100	1.628992	200	1.573309				
1,4-Dichlorobenzene	20	1.884936	50	1.755612	100	1.701765	200	1.575027				
trans-1,4-Dichloro-2-butene	20	0.3315421	50	0.3035923	100	0.3333664	200	0.3129769				
Dichlorodifluoromethane (Freon	20	0.3441143	50		100		200					
1,1-Dichloroethane	20	1.242871	50	1.270116	100	1.211128	200	1.190486				
1,2-Dichloroethane	20	0.6763902	50	0.6412572	100	0.6359794	200	0.597085				
1,1-Dichloroethylene	20	0.5757342	50	0.6490596	100	0.6079647	200	0.5839481				
cis-1,2-Dichloroethylene	20	1.241624	50	1.216688	100	1.156784	200	1.105474				
trans-1,2-Dichloroethylene	20	1.032886	50	1.036953	100	0.9660117	200	0.9064239				
Dichlorofluoromethane (Freon 2	20	0.665469	50	0.7958445	100	0.7493246	200	0.7263338				
1,2-Dichloropropane	20	0.4782689	50	0.4550912	100	0.4395804	200	0.4223912				
1,3-Dichloropropane	20	0.7009391	50	0.6324932	100	0.6211824	200	0.5700565				
2,2-Dichloropropane	20	0.8908393	50	0.8514903	100	0.8188608	200	0.839123				
1,1-Dichloropropene	20	0.8936737	50	0.9104306	100	0.8700477	200	0.8433923				
cis-1,3-Dichloropropene	20	0.739386	50	0.7196115	100	0.7020893	200	0.6615947				
trans-1,3-Dichloropropene	20	0.6212114	50	0.5891746	100	0.6039707	200	0.5727595				
Diethyl Ether	20	0.3016213	50	0.3345448	100	0.3338008	200	0.31621				
Difluorochloromethane (Freon 2	20	0.6186983	50	0.8900602	100	0.8049764	200	0.7344235				
Diisopropyl Ether (DIPE)	20	2.349289	50	2.255056	100	1.93263	200	1.628097				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.307326E-03	500	2.563141E-03	1000	2.810397E-03	2000	2.718352E-03				
Ethyl Acetate	20	0.8933471	50	0.6852162	100	0.7622883	200	0.7123826				
Ethylbenzene	20	4.255964	50	3.979522	100	3.768366	200	3.425154				
Hexachlorobutadiene	20	0.3911871	50	0.3900721	100	0.3835792	200	0.3969094				
2-Hexanone (MBK)	200	0.3206384	500	0.2513471	1000	0.2490684	2000					
Iodomethane	200	0.6325156	500	0.5997214	1000		2000					
Isopropylbenzene (Cumene)	20	3.664997	50	3.439731	100	3.29669	200	3.023658				
p-Isopropyltoluene (p-Cymene)	20	2.722056	50	2.548655	100	2.436792	200	2.258713				
Methyl Acetate	20	0.349798	50	0.262595	100	0.2802961	200	0.2538109				
Methyl tert-Butyl Ether (MTBE)	20	1.730588	50	1.558026	100	1.540152	200	1.422453				
Methyl Cyclohexane	20	0.5060048	50	0.5257309	100	0.4969198	200	0.4818947				
Methylene Chloride	20	0.60158	50	0.5918714	100	0.5611579	200	0.5416453				
4-Methyl-2-pentanone (MIBK)	200	0.4597805	500	0.3599248	1000	0.3414104	2000					
Naphthalene	20	1.711883	50	1.604309	100	1.964278	200	1.867795				
n-Propylbenzene	20	4.236334	50	3.960657	100	3.762866	200	3.466889				
Styrene	20	2.820126	50	2.630404	100	2.475354	200	2.217584				
1,1,1,2-Tetrachloroethane	20	0.86645	50	0.8656174	100	0.8822314	200	0.8584131				
1,1,2,2-Tetrachloroethane	20	1.046583	50	0.8776722	100	0.9185255	200	0.8129384				
Tetrachloroethylene	20	0.5284128	50	0.505427	100	0.4776454	200	0.4566574				
Tetrahydrofuran	20	0.2005466	50	0.1687145	100	0.1875084	200	0.1688137				
Toluene	20	1.939086	50	1.846569	100	1.734741	200	1.587736				
1,2,3-Trichlorobenzene	20	0.6964888	50	0.6448551	100	0.7506013	200	0.7300523				
1,2,4-Trichlorobenzene	20	0.8714252	50	0.843036	100	0.9209508	200	0.8968474				
1,3,5-Trichlorobenzene	20	1.075435	50	1.081917	100	1.074767	200	1.051941				
1,1,1-Trichloroethane	20	1.090381	50	1.123023	100	1.120882	200	1.136176				
1,1,2-Trichloroethane	20	0.4374117	50	0.3971942	100	0.3961094	200	0.363864				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.4808619	50	0.471003	100	0.4496445	200	0.4349595				
Trichlorofluoromethane (Freon 1	20	0.5989799	50	0.7502384	100	0.7069447	200	0.69052				
1,2,3-Trichloropropane	20	0.7955378	50	0.6624702	100	0.6894485	200	0.6160383				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.32036	50	0.3746957	100	0.3463941	200	0.3411262				
1,2,4-Trimethylbenzene	20	3.076032	50	2.919296	100	2.797072	200	2.628847				
1,3,5-Trimethylbenzene	20	3.318237	50	3.099374	100	2.906238	200	2.643593				
Vinyl Acetate	200	1.628501	500	1.385259	1000		2000					
Vinyl Chloride	20	0.3687635	50	0.5226242	100	0.4860571	200	0.464771				
m+p Xylene	40	3.154311	100	2.907752	200	2.662112	400					
o-Xylene	20	3.191899	50	2.96134	100	2.813882	200	2.569539				
1,2-Dichloroethane-d4	25	0.4840161	25	0.4828909	25	0.4896462	25	0.4983318				
Toluene-d8	25	1.095565	25	1.099101	25	1.092856	25	1.09563				
4-Bromofluorobenzene	25	0.9889755	25	1.014689	25	1.014531	25	1.031159				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2921816	10.3			15	
Ethyl Methacrylate	0.5199081	8.4			15	
Acetone	0.1030032	10.0			15	
Acrolein	5.492959E-02	8.3			15	
Acrylonitrile	0.2481854	12.7			15	
tert-Amyl Methyl Ether (TAME)	1.606343	8.2			15	
Benzene	2.571233	5.3			15	
Bromobenzene	1.462006	6.2			15	
Bromochloromethane	0.6789636	5.3			15	
Bromodichloromethane	0.5452682	11.9			15	
Bromoform	0.321342	11.5			15	
Bromomethane	0.3680515	47.1	0.9914213		0.99	
2-Butanone (MEK)	0.2765387	10.7			15	
tert-Butyl Alcohol (TBA)	3.108169E-02	13.6			15	
n-Butylbenzene	2.100922	14.4			15	
sec-Butylbenzene	2.902096	6.3			15	
tert-Butylbenzene	2.195128	6.4			15	
tert-Butyl Ethyl Ether (TBEE)	1.933694	7.8			15	
Carbon Disulfide	0.9730355	11.6			15	
Carbon Tetrachloride	0.8450429	12.5			15	
Chlorobenzene	2.32315	6.7			15	
Chlorodibromomethane	0.3473243	11.6			15	
Chloroethane	0.2076187	11.8			15	
2-Chloroethyl Vinyl Ether	0.2040935	11.8			15	
Chloroform	1.163696	5.2			15	
Chloromethane	0.3477195	14.3			15	
2-Chlorotoluene	2.50024	6.7			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.837575	6.6			15	
Cyclohexane	1.114453	3.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	9.870397E-02	30.6	0.9977837		0.99	
1,2-Dibromoethane (EDB)	0.4107707	7.0			15	
Dibromomethane	0.2860706	6.9			15	
1,2-Dichlorobenzene	1.597415	5.9			15	
1,3-Dichlorobenzene	1.641262	5.8			15	
1,4-Dichlorobenzene	1.792848	6.4			15	
trans-1,4-Dichloro-2-butene	0.2547239	24.8	0.9987871		0.99	
Dichlorodifluoromethane (Freon 12)	0.4172903	17.1	0.9952979		0.99	
1,1-Dichloroethane	1.206503	4.7			15	
1,2-Dichloroethane	0.627319	5.6			15	
1,1-Dichloroethylene	0.5988157	6.1			15	
cis-1,2-Dichloroethylene	1.170904	6.6			15	
trans-1,2-Dichloroethylene	0.9797238	5.6			15	
Dichlorofluoromethane (Freon 21)	0.7323591	7.5			15	
1,2-Dichloropropane	0.45256	5.0			15	
1,3-Dichloropropane	0.6250267	6.2			15	
2,2-Dichloropropane	0.8138662	6.1			15	
1,1-Dichloropropene	0.8549716	5.2			15	
cis-1,3-Dichloropropene	0.6567923	9.7			15	
trans-1,3-Dichloropropene	0.5352389	12.2			15	
Diethyl Ether	0.3356409	11.2			15	
Difluorochloromethane (Freon 22)	0.7300593	12.7			15	
Diisopropyl Ether (DIPE)	2.204692	12.2			15	
1,4-Dioxane	2.770592E-03	10.2			15	
Ethyl Acetate	0.7620977	13.5			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.887438	7.4			15	
Hexachlorobutadiene	0.3774104	7.2			15	
2-Hexanone (MBK)	0.252538	13.4			15	
Iodomethane	0.6024597	9.7			15	
Isopropylbenzene (Cumene)	3.366944	7.1			15	
p-Isopropyltoluene (p-Cymene)	2.529679	7.7			15	
Methyl Acetate	0.2916393	10.8			15	
Methyl tert-Butyl Ether (MTBE)	1.509584	8.1			15	
Methyl Cyclohexane	0.4931336	4.8			15	
Methylene Chloride	0.6239754	13.7			15	
4-Methyl-2-pentanone (MIBK)	0.3859875	10.1			15	
Naphthalene	1.263455	56.0	0.9979006		0.99	
n-Propylbenzene	3.811691	8.0			15	
Styrene	2.551661	7.4			15	
1,1,1,2-Tetrachloroethane	0.7600253	14.1			15	
1,1,2,2-Tetrachloroethane	0.8770334	9.0			15	
Tetrachloroethylene	0.4914294	5.3			15	
Tetrahydrofuran	0.1768134	11.7			15	
Toluene	1.819296	6.9			15	
1,2,3-Trichlorobenzene	0.5202717	49.7	0.9989158		0.99	
1,2,4-Trichlorobenzene	0.6052513	58.2	0.9994954		0.99	
1,3,5-Trichlorobenzene	0.8128833	38.8	0.9998292		0.99	
1,1,1-Trichloroethane	1.04186	8.5			15	
1,1,2-Trichloroethane	0.3953447	6.0			15	
Trichloroethylene	0.4576472	5.3			15	
Trichlorofluoromethane (Freon 11)	0.6799885	10.3			15	
1,2,3-Trichloropropane	0.6778576	9.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3325636	6.9			15	
1,2,4-Trimethylbenzene	2.905379	6.4			15	
1,3,5-Trimethylbenzene	2.996066	7.2			15	
Vinyl Acetate	1.535378	7.0			15	
Vinyl Chloride	0.4431725	12.8			15	
m+p Xylene	2.959415	6.5			15	
o-Xylene	2.945278	7.0			15	
1,2-Dichloroethane-d4	0.476943	2.8			15	
Toluene-d8	1.100462	0.5			15	
4-Bromofluorobenzene	0.9951497	1.9			15	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002046	Instrument:	GCMSVOA3
Calibration:	1200042		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002046-CAL1	VC086010.D	03/26/12 10:21
1204045	0.5ppb 8260 Calibration Standard	S002046-CAL2	VC086011.D	03/26/12 10:52
1204046	1ppb 8260 Calibration Standard	S002046-CAL3	VC086012.D	03/26/12 11:22
1204047	2ppb 8260 Calibration Standard	S002046-CAL4	VC086013.D	03/26/12 11:52
1204048	5ppb 8260 Calibration Standard	S002046-CAL5	VC086014.D	03/26/12 12:22
1204049	10ppb 8260 Calibration Standard	S002046-CAL6	VC086015.D	03/26/12 12:52
1204050	20ppb 8260 Calibration Standard	S002046-CAL7	VC086016.D	03/26/12 13:22
1204051	50ppb 8260 Calibration Standard	S002046-CAL8	VC086017.D	03/26/12 13:52
1204052	100ppb 8260 Calibration Standard	S002046-CAL9	VC086018.D	03/26/12 14:23
1204053	200ppb 8260 Calibration Standard	S002046-CALA	VC086019.D	03/26/12 14:53

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC086010.D 0.5 =VC086011.D 1.0 =VC086012.D 2.0 =VC086013.D 5.0 =VC086014.D 10 =VC086019.D 20 =VC086016.D
50 =VC086017.D 100 =VC086018.D 200 =VC086019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.483	0.469	0.458	0.459	0.480	0.466	0.484	0.483	0.490	0.498	0.477	2.82
3)		DICHLORODIFLUO...			0.401	0.531	0.432	0.378	0.344				0.417	0.995LR
4)		DIFLUOROCHLORO...			0.637	0.772	0.729	0.654	0.619	0.890	0.805	0.734	0.730	12.67
5)	P	CHLOROMETHANE			0.308	0.386	0.328	0.325	0.308	0.431			0.348	14.32
6)	C	VINYL CHLORIDE	0.466	0.518	0.377	0.432	0.399	0.398	0.369	0.523	0.486	0.465	0.443	12.77#
7)		BROMOMETHANE		0.644	0.402	0.348	0.247	0.200					0.368	0.991LR
8)		CHLOROETHANE			0.212	0.235	0.214	0.201	0.157	0.233	0.215	0.195	0.208	11.77
9)		FLUORODICHLORO...	0.721	0.836	0.651	0.700	0.740	0.739	0.665	0.796	0.749	0.726	0.732	7.54
10)		TRICHLOROFLUOR...	0.632	0.821	0.584	0.667	0.671	0.679	0.599	0.750	0.707	0.691	0.680	10.29
11)		ETHANOL					0.005	0.003	0.003				0.004	29.77
12)		DI ETHYL ETHER	0.424	0.376	0.330	0.317	0.322	0.301	0.302	0.335	0.334	0.316	0.336	11.25
13)		ACROLEIN	0.056	0.049	0.052	0.049	0.055	0.053	0.057	0.059	0.063	0.057	0.055	8.26
14)		ACETONE		0.118	0.092	0.101	0.109	0.103	0.117	0.096	0.102	0.088	0.103	9.97
15)	C	1,1-DICHLOROET...	0.556	0.667	0.560	0.575	0.602	0.613	0.576	0.649	0.608	0.584	0.599	6.15#
16)		1,1,2-TRICL-1,...	0.319	0.342	0.286	0.331	0.325	0.340	0.320	0.375	0.346	0.341	0.333	6.95
17)		IODOMETHANE				0.509	0.605	0.666	0.633	0.600			0.602	9.70
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE			0.294	0.284	0.324	0.285	0.350	0.263	0.280	0.254	0.292	10.83
21)		T-BUTYL ALCOHOL			0.029	0.028	0.032	0.027	0.040	0.029	0.033	0.030	0.031	13.59
22)		ACRYLONITRILE	0.318	0.268	0.246	0.214	0.231	0.228	0.273	0.241	0.248	0.215	0.248	12.70
23)		METHYLENE CHLO...					0.769	0.678	0.602	0.592	0.561	0.542	0.624	13.66
24)		CARBON DISULFIDE	0.959	1.132	0.934	1.019	1.030	1.028	0.941	0.743			0.973	11.61
25)		METHYL TERT-BU...	1.602	1.485	1.287	1.395	1.571	1.504	1.731	1.558	1.540	1.422	1.510	8.12
26)		TRANS 1,2-DICH...	0.950	1.014	0.894	0.943	1.032	1.022	1.033	1.037	0.966	0.906	0.980	5.58
27)	P	1,1-DICHLOROET...	1.158	1.264	1.103	1.143	1.253	1.229	1.243	1.270	1.211	1.190	1.207	4.68
28)		VINYL ACETATE	1.636	1.547	1.396	1.493	1.668	1.530	1.629	1.385			1.535	6.98
29)		DI ISOPROYL ETHER	2.273	2.530	2.047	2.232	2.440	2.361	2.349	2.255	1.933	1.628	2.205	12.15
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.305	0.262	0.238	0.253	0.290	0.266	0.335	0.276	0.292	0.248	0.277	10.71
32)		T-BUTYL ETHYL ...	1.891	1.798	1.684	1.767	2.035	1.989	2.174	2.065	1.990	1.944	1.934	7.75
33)		CIS-1,2-DICHLO...	1.076	1.267	1.041	1.144	1.239	1.222	1.242	1.217	1.157	1.105	1.171	6.65
34)		2,2-DICHLOROPR...	0.806	0.787	0.719	0.755	0.830	0.840	0.891	0.851	0.819	0.839	0.814	6.08
35)		ETHYL ACETATE		0.963	0.673	0.685	0.788	0.696	0.893	0.685	0.762	0.712	0.762	13.53
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.693	0.696	0.607	0.676	0.707	0.688	0.722	0.700	0.675	0.627	0.679	5.28
39)		TETRAHYDROFURAN			0.204	0.145	0.184	0.156	0.201	0.169	0.188	0.169	0.177	11.71

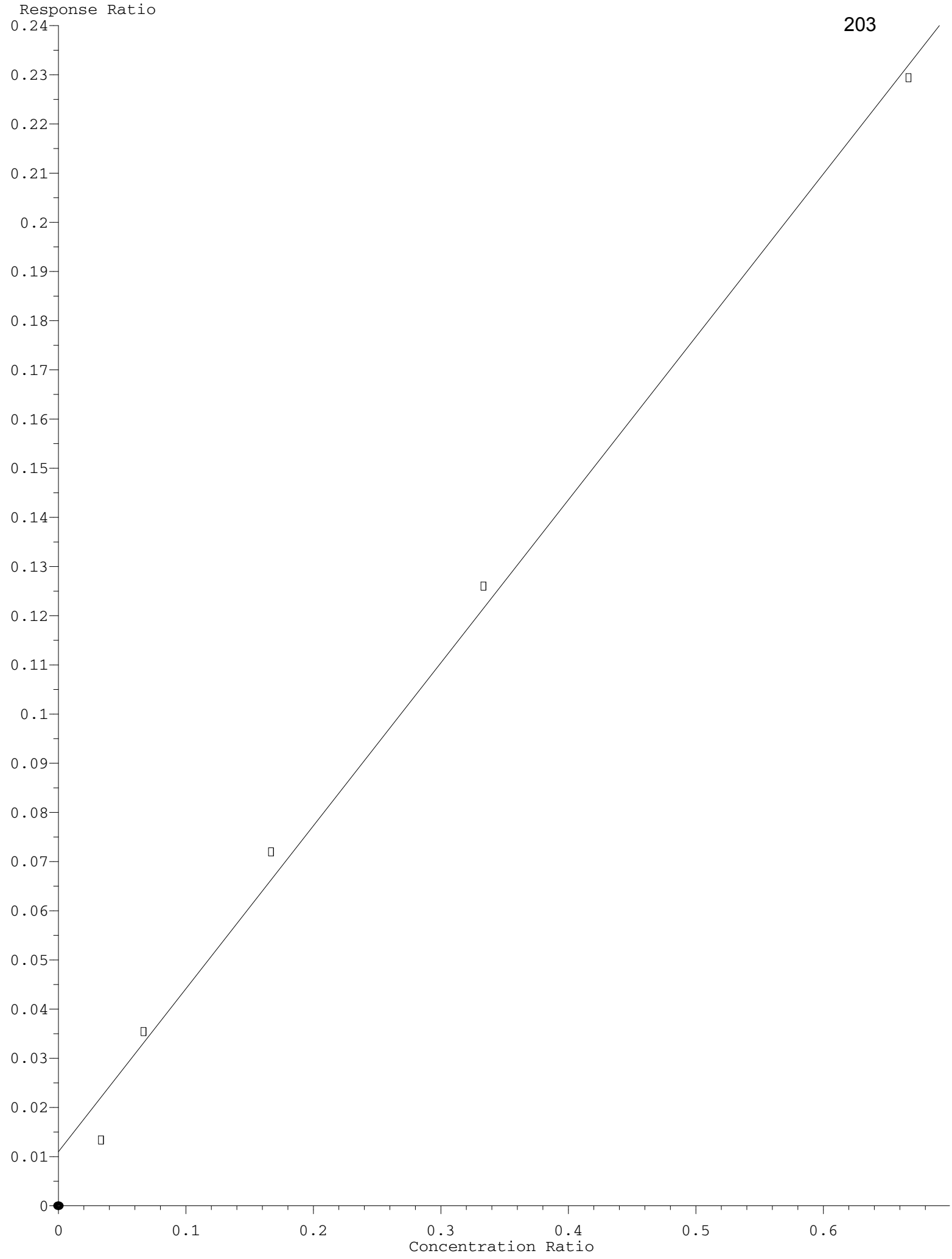
40)	C	CHLOROFORM	1.157	1.101	1.049	1.095	1.210	1.197	1.227	1.209	1.193	1.197	1.164	5.21#
41)		1,1,1-TRICHLOR...	0.940	1.098	0.875	0.968	1.025	1.041	1.090	1.123	1.121	1.136	1.042	8.53
42)		CYCLOHEXANE					1.163	1.096	1.090	1.161	1.107	1.071	1.114	3.45
43)		CARBON TETRACH...				0.693	0.747	0.783	0.856	0.935	0.940	0.962	0.845	12.54
44)		1,1-DICHLOROPR...	0.817	0.865	0.778	0.797	0.888	0.887	0.894	0.910	0.870	0.843	0.855	5.22
45)		BENZENE	2.413	2.620	2.358	2.479	2.718	2.675	2.734	2.689	2.565	2.462	2.571	5.29
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.598	1.543	1.338	1.510	1.645	1.639	1.847	1.658	1.681	1.604	1.606	8.15
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.106	1.101	1.099	1.110	1.102	1.105	1.096	1.099	1.093	1.096	1.100	0.48
50)		1,2-DICHLOROET...	0.618	0.656	0.564	0.586	0.653	0.646	0.676	0.641	0.636	0.597	0.627	5.63
51)		TRICHLOROETHENE	0.451	0.483	0.405	0.452	0.471	0.478	0.481	0.471	0.450	0.435	0.458	5.31
52)		METHYLCYCLOHEXANE	0.509	0.513	0.440	0.482	0.483	0.495	0.506	0.526	0.497	0.482	0.493	4.82
53)	C	1,2-DICHLOROPR...	0.470	0.464	0.414	0.442	0.479	0.461	0.478	0.455	0.440	0.422	0.453	4.95#
54)		DIBROMOMETHANE	0.301	0.301	0.246	0.269	0.295	0.288	0.312	0.293	0.288	0.269	0.286	6.85
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.19
57)		BROMODICHLOROM...	0.540	0.462	0.457	0.472	0.526	0.556	0.601	0.614	0.618	0.607	0.545	11.86
58)		2-CHLOROETHYLV...	0.216	0.197	0.177	0.207	0.221	0.213	0.247	0.190	0.169		0.204	11.76
59)		MIBK	0.411	0.376	0.343	0.374	0.422	0.387	0.460	0.360	0.341		0.386	10.07
60)		CIS-1,3-DICHLO...	0.604	0.579	0.561	0.608	0.685	0.709	0.739	0.720	0.702	0.662	0.657	9.75
61)	C	TOLUENE	1.682	1.900	1.745	1.866	1.948	1.945	1.939	1.847	1.735	1.588	1.819	6.89#
62)		TRANS-1,3,-DIC...	0.492	0.464	0.437	0.467	0.541	0.564	0.621	0.589	0.604	0.573	0.535	12.22
63)		ETHYL METHACRY...	0.534	0.485	0.467	0.467	0.541	0.519	0.599	0.542	0.561	0.485	0.520	8.42
64)		1,1,2-TRICHLOR...	0.398	0.406	0.357	0.378	0.409	0.410	0.437	0.397	0.396	0.364	0.395	5.99
65)		2-HEXANONE	0.259	0.223	0.200	0.237	0.276	0.256	0.321	0.251	0.249		0.253	13.36
66)		TETRACHLOROETHENE	0.492	0.485	0.445	0.495	0.511	0.517	0.528	0.505	0.478	0.457	0.491	5.33
67)		1,3-DICHLOROPR...	0.603	0.605	0.582	0.629	0.664	0.642	0.701	0.632	0.621	0.570	0.625	6.19
68)		DIBROMOCHLOROM...	0.341	0.347	0.299	0.315	0.371	0.411					0.347	11.56
69)		1,2-DIBROMOETHANE	0.409	0.392	0.368	0.381	0.433	0.433	0.464	0.418	0.418	0.391	0.411	6.99
70)		CHLOROBENZENE-D5	...	----------ISTD----------										
71)	S	4-BROMOFLUOROB...	0.981	0.992	0.976	0.988	0.995	0.970	0.989	1.015	1.015	1.031	0.995	1.94
72)	T	CHLOROBENZENE	2.198	2.521	2.118	2.288	2.470	2.433	2.494	2.356	2.256	2.097	2.323	6.69
73)		1,1,1,2-TETRAC...	0.629	0.688	0.609	0.657	0.756	0.789	0.866	0.866	0.882	0.858	0.760	14.13
74)	C	ETHYLBENZENE	3.581	4.025	3.581	3.900	4.167	4.193	4.256	3.980	3.768	3.425	3.887	7.43#
75)		M/P-XYLENES	2.773	3.141	2.791	2.921	3.158	3.127	3.154	2.908	2.662		2.959	6.48
76)		0-XYLENE	2.836	3.076	2.729	2.978	3.133	3.164	3.192	2.961	2.814	2.570	2.945	6.97
77)		STYRENE	2.338	2.558	2.457	2.532	2.741	2.747	2.820	2.630	2.475	2.218	2.552	7.44
78)	P	BROMOFORM	0.318	0.301	0.274	0.307	0.350	0.378					0.321	11.53
79)		ISOPROPYLBENZENE	3.127	3.540	3.075	3.276	3.632	3.594	3.665	3.440	3.297	3.024	3.367	7.14
80)		CIS-1,4-DICHLO...					0.255	0.256	0.320	0.295	0.325	0.302	0.292	10.35
81)	P	1,1,2,2-TETRAC...	0.907	0.858	0.758	0.814	0.917	0.861	1.047	0.878	0.919	0.813	0.877	8.98
82)		1,4-DICHLORO-2...	0.212	0.241	0.143	0.210	0.224	0.236	0.332	0.304	0.333	0.313	0.255	0.999LR
83)		BROMOBENZENE	1.513	1.537	1.318	1.424	1.549	1.524	1.558	1.464	1.418	1.315	1.462	6.23
84)		1,2,3-TRICHLOR...	0.760	0.636	0.624	0.600	0.713	0.682	0.796	0.662	0.689	0.616	0.678	9.44
85)		N-PROPYLBENZENE	3.363	3.845	3.440	3.830	4.126	4.087	4.236	3.961	3.763	3.467	3.812	8.01
86)		2-CHLOROT0LUENE	2.362	2.588	2.300	2.459	2.682	2.657	2.732	2.546	2.430	2.247	2.500	6.68
87)		1,3,5-TRIMETHY...	2.890	2.878	2.833	2.913	3.222	3.256	3.318	3.099	2.906	2.644	2.996	7.24
88)		4-CHLOROTOLUENE	2.801	2.810	2.616	2.806	3.027	3.023	3.109	2.929	2.743	2.511	2.838	6.65
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.080	2.432	1.988	2.204	2.316	2.301	2.289	2.180	2.121	2.039	2.195	6.39

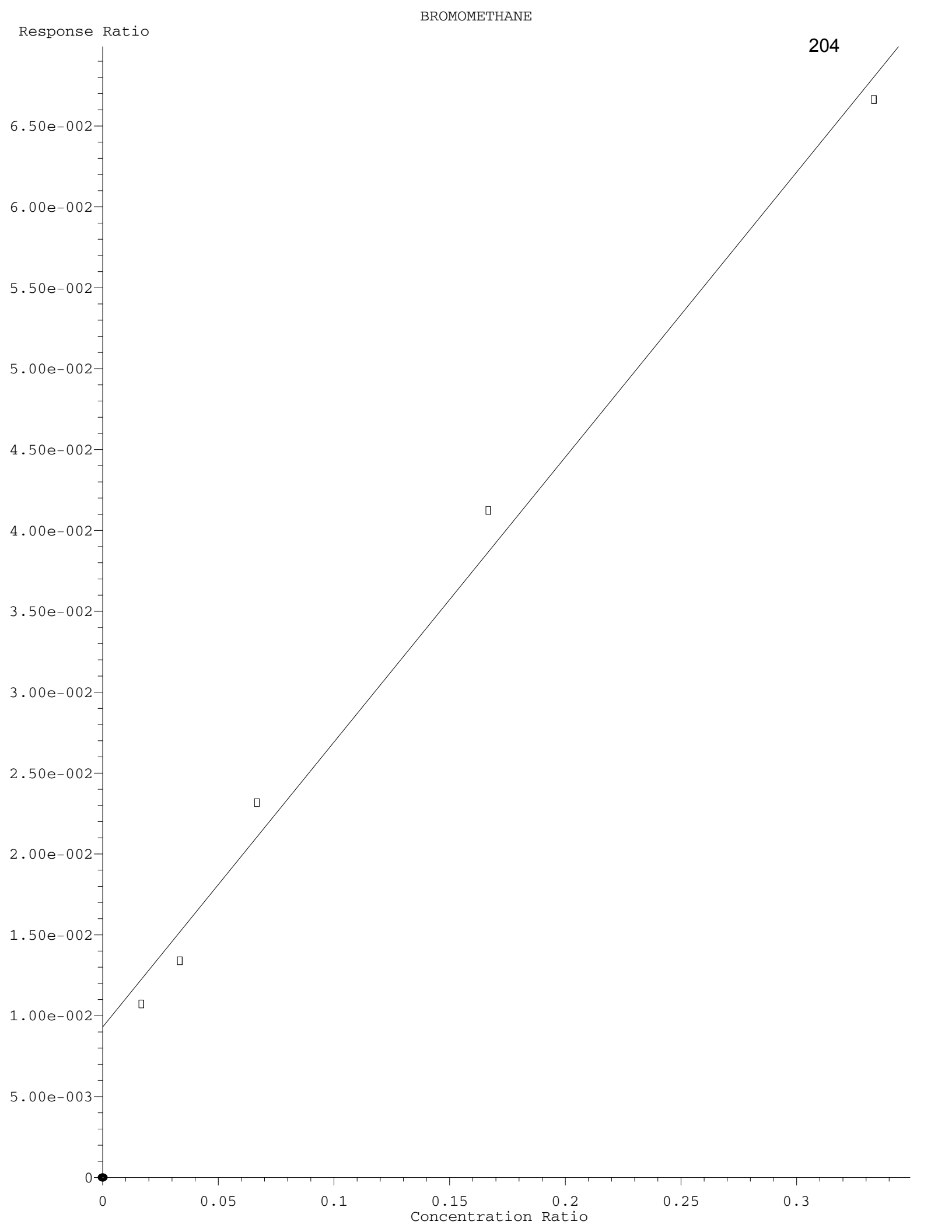
91)	1,2,4-TRIMETHY...	2.715	2.977	2.749	2.877	3.160	3.155	3.076	2.919	2.797	2.629	2.905	6.40
92)	SEC-BUTYLBENZENE	2.739	2.963	2.638	2.873	3.122	3.180	3.055	2.925	2.831	2.696	2.902	6.27
93)	1,3-DICHLOROBE...	1.479	1.704	1.529	1.614	1.770	1.743	1.724	1.648	1.629	1.573	1.641	5.82
94)	P-ISOPROPYLTOL...	2.280	2.544	2.342	2.614	2.770	2.781	2.722	2.549	2.437	2.259	2.530	7.74
95)	1,4-DICHLOROBE...	1.840	1.911	1.667	1.796	1.895	1.902	1.885	1.756	1.702	1.575	1.793	6.44
96)	N-BUTYLBENZENE		1.702	1.537	2.000	2.317	2.380	2.389	2.254	2.209	2.121	2.101	14.39
97)	1,2-DICHLOROBE...	1.499	1.544	1.488	1.547	1.716	1.721	1.729	1.601	1.604	1.526	1.597	5.86
98)	1,2-DIBROMO-3-...			0.051	0.065	0.091	0.090	0.120	0.107	0.135	0.131	0.099	0.998LR
99)	1,3,5-TRICHLOR...	0.409	0.330	0.438	0.673	0.957	1.037	1.075	1.082	1.075	1.052	0.813	1.000LR
100)	1,2,4-TRICHLOR...			0.017	0.156	0.512	0.625	0.871	0.843	0.921	0.897	0.605	0.999LR
101)	HEXACHLOROBUTA...				0.318	0.372	0.390	0.391	0.390	0.384	0.397	0.377	7.24
102)	NAPHTHALENE				0.101	0.641	0.954	1.712	1.604	1.964	1.868	1.263	0.998LR
103)	1,2,3-TRICHLOR...				0.061	0.320	0.439	0.696	0.645	0.751	0.730	0.520	0.999LR

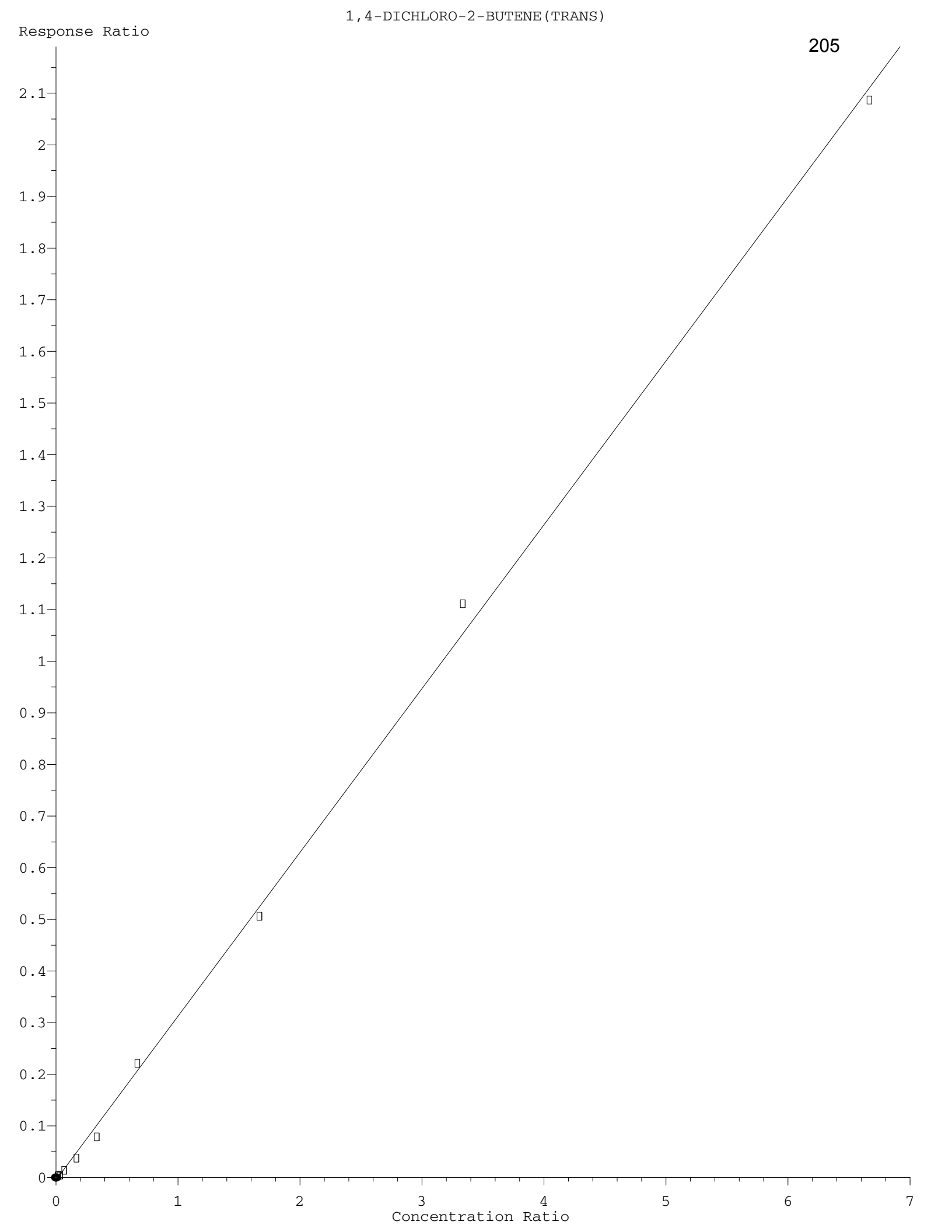
(#) = Out of Range

C0326W12.M Tue Apr 10 16:54:24 2012

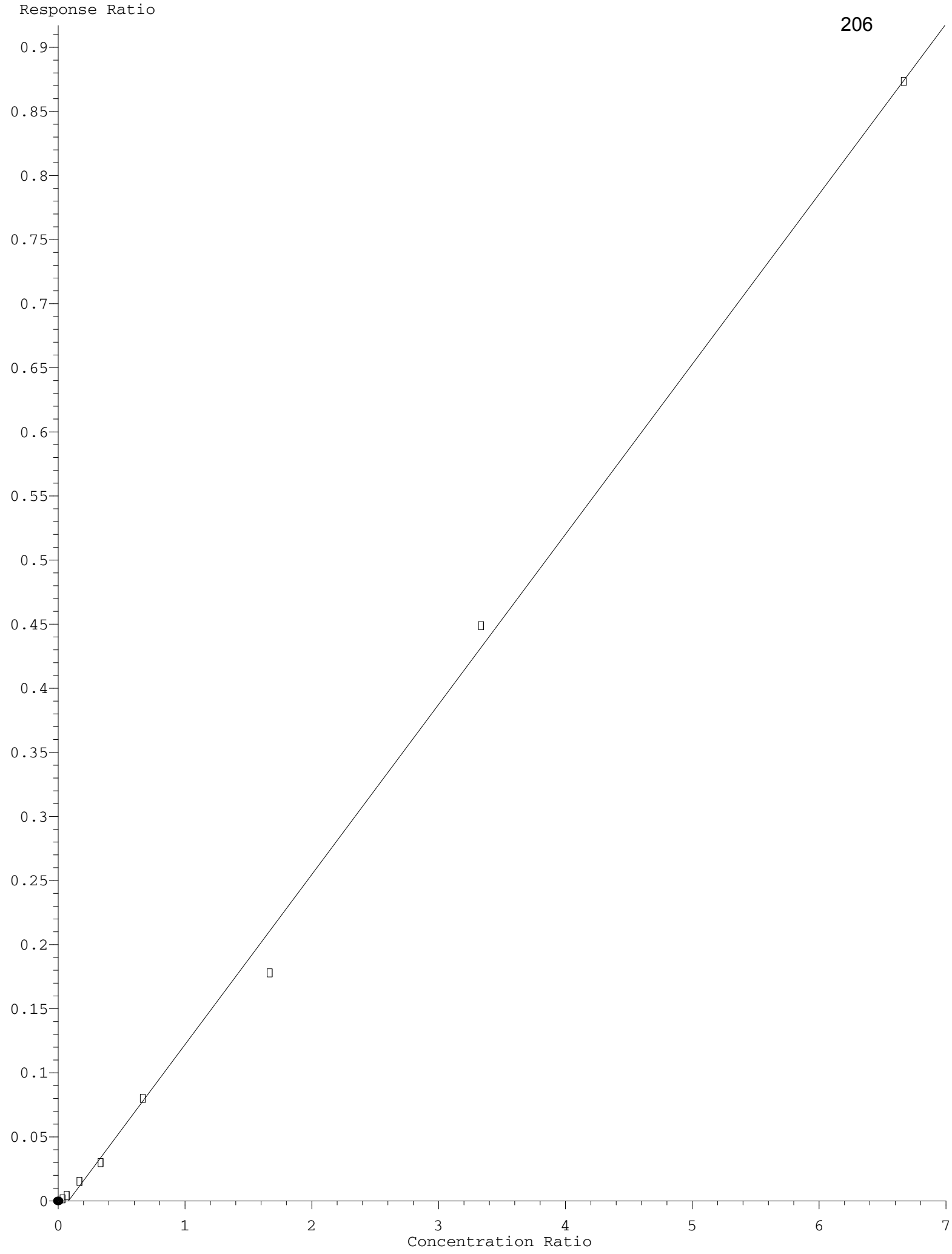
DICHLORODIFLUOROMETHANE



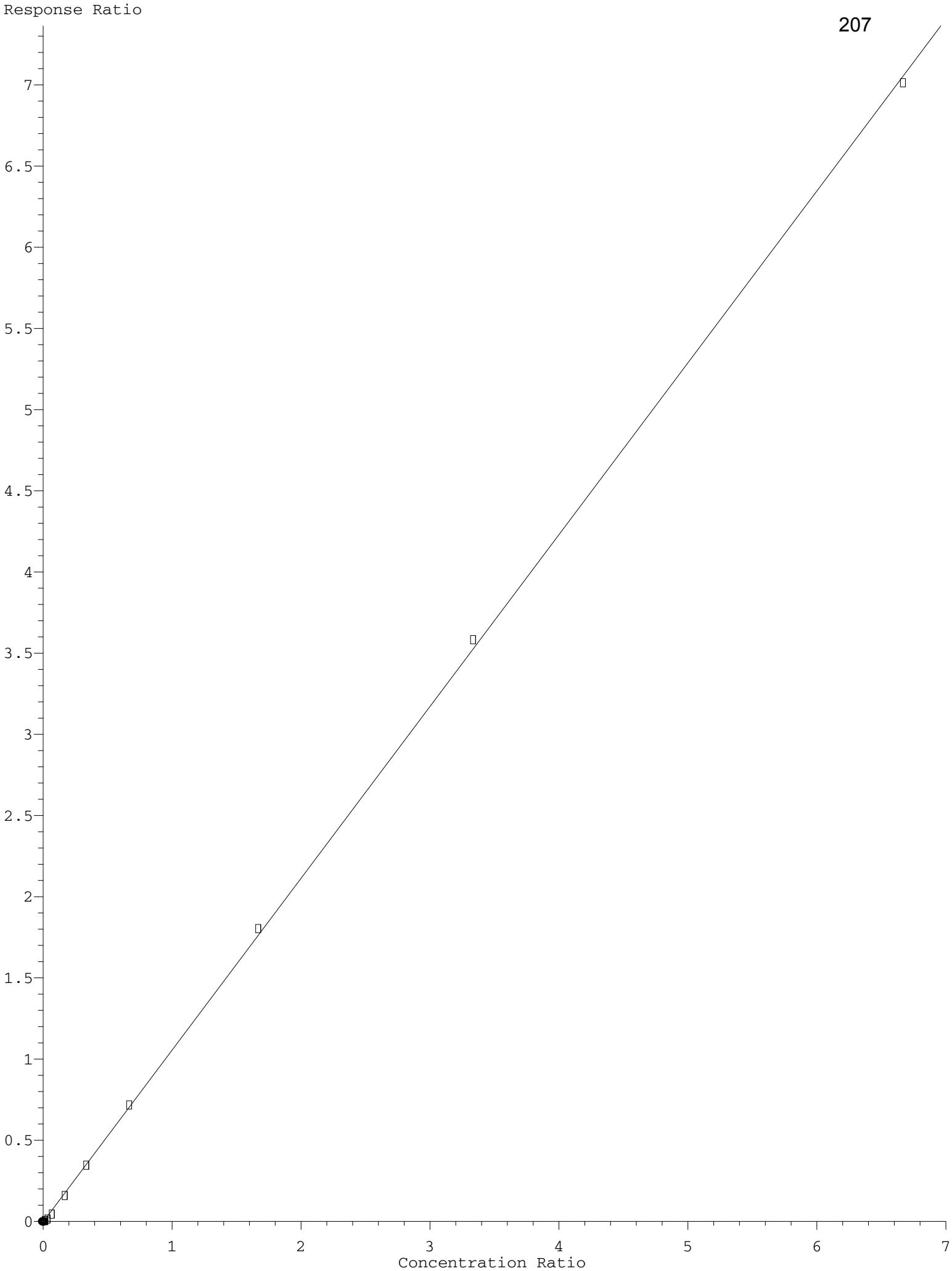

BROMOMETHANE
Response Ratio
204
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

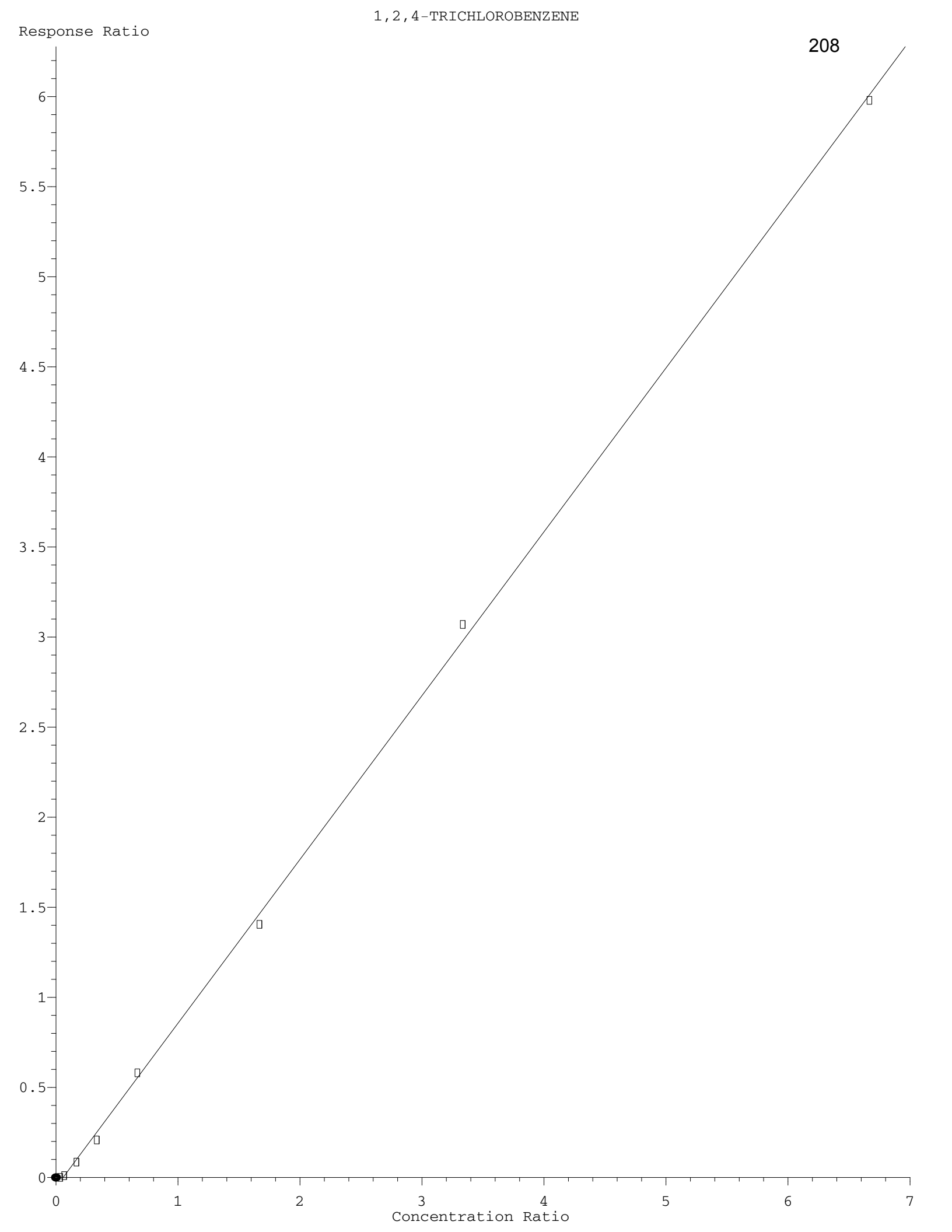

1,4-DICHLORO-2-BUTENE(TRANS)
Response Ratio
205
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
7
Concentration Ratio

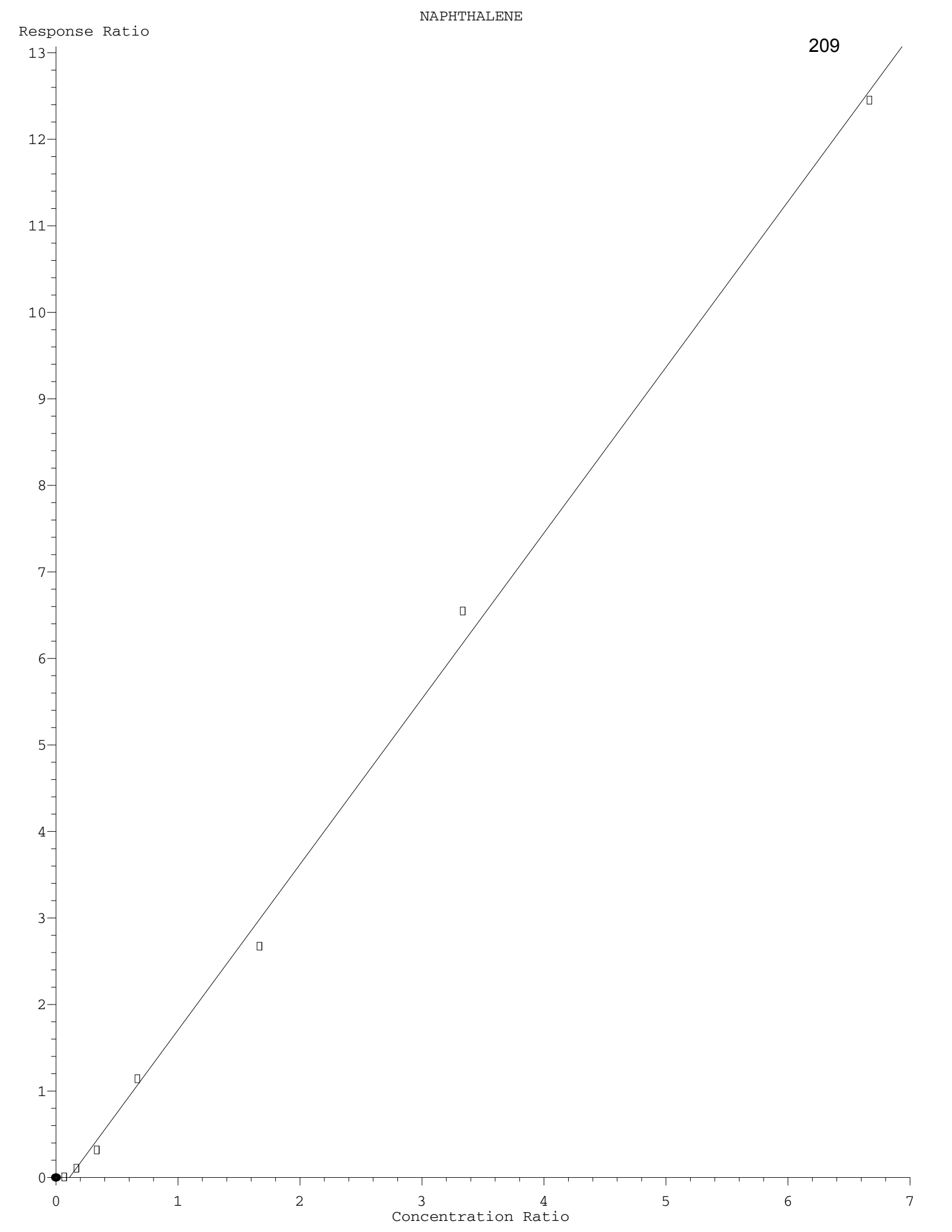
1,2-DIBROMO-3-CHLOROPROPANE



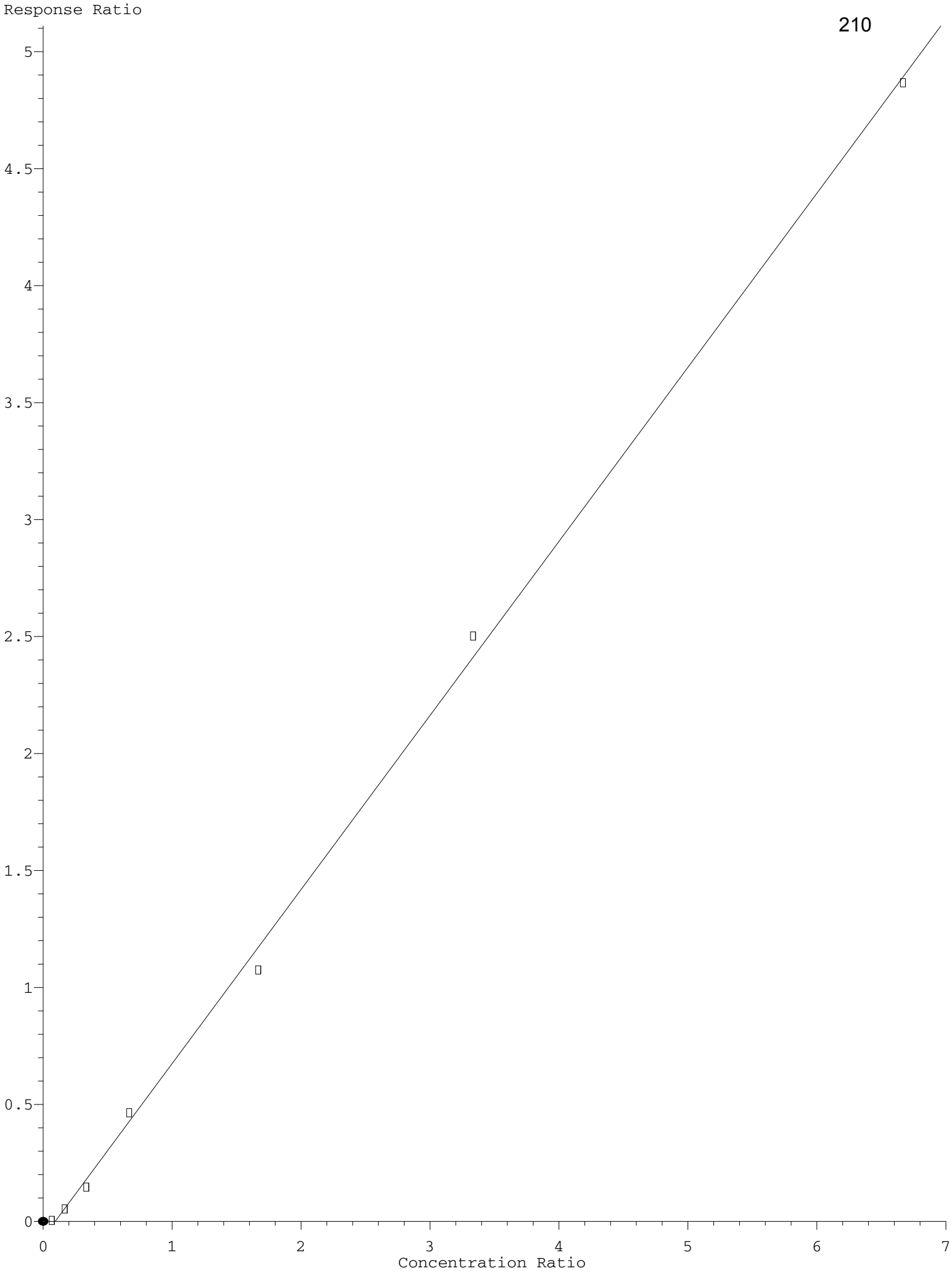
1,3,5-TRICHLOROBENZENE




1,2,4-TRICHLOROBENZENE
Response Ratio
208
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio


NAPHTHALENE
Response Ratio
209
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

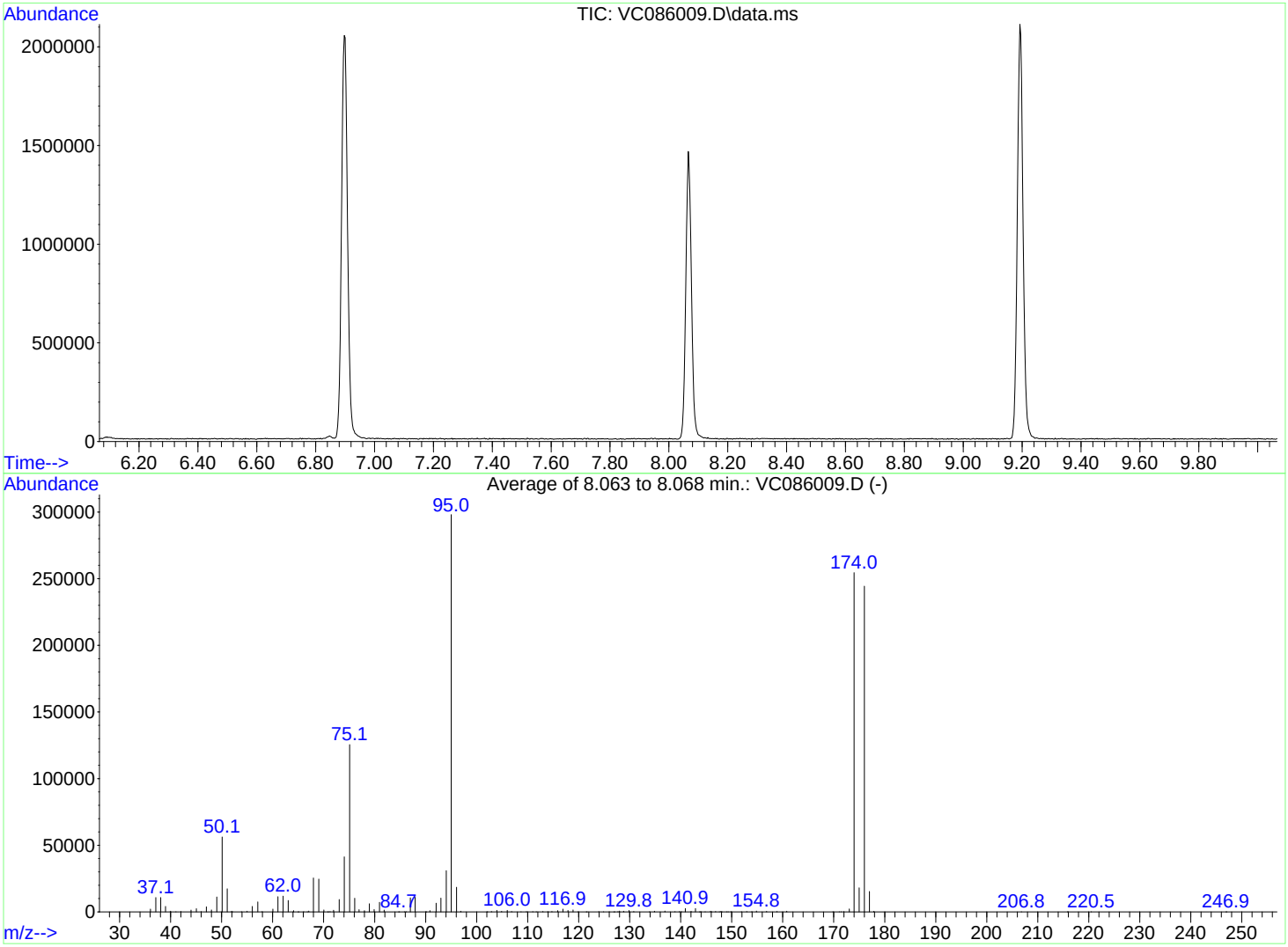
1,2,3-TRICHLOROBENZENE



Data Path : X:\1\DATA\032612\
Data File : VC086009.D
Acq On : 26 Mar 2012 9:51 am
Operator :
Sample : BFB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	56264	PASS
75	95	30	60	42.1	125496	PASS
95	95	100	100	100.0	298077	PASS
96	95	5	9	6.2	18456	PASS
173	174	0.00	2	0.9	2180	PASS
174	95	50	100	85.4	254570	PASS
175	174	5	9	7.1	18122	PASS
176	174	95	101	96.0	244373	PASS
177	176	5	9	6.3	15287	PASS

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	626361	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	982508	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	508911	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	524310	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	252096	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.486	98	905759	23.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	416219	27.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	6013	0.37	UG/L		90
4) DIFLUOROCHLOROMETHANE	0.840	51	7492	0.45	UG/L		99
5) CHLOROMETHANE	0.910	50	4144	0.40	UG/L		95
6) VINYL CHLORIDE	0.958	62	3892	0.26	UG/L	#	86
7) BROMOMETHANE	1.103	94	4633	0.15	UG/L		81
8) CHLOROETHANE	1.142	64	2165	0.29	UG/L		92
9) FLUORODICHLOROMETHANE	1.228	67	6019	0.24	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.250	101	5274	0.24	UG/L		85
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	3544	0.37	UG/L	#	76
13) ACROLEIN	1.457	56	4643	54.72	UG/L	#	58
14) ACETONE	1.535	43	12336	4.50	UG/L		95
15) 1,1-DICHLOROETHENE	1.501	61	4641	0.21	UG/L	#	72
16) 1,1,2-TRICL-1,2,2-TRIF...	1.490	101	2662m	0.25	UG/L		
17) IODOMETHANE	1.585	142	21452	6.60	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	0.000		0	N.D.	d		
21) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
22) ACRYLONITRILE	1.920	53	2653	0.76	UG/L		92
23) METHYLENE CHLORIDE	1.763	49	26672	1.57	UG/L		95
24) CARBON DISULFIDE	1.618	76	80084	2.16	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	13377	0.45	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7933	0.39	UG/L	#	67
27) 1,1-DICHLOROETHANE	2.224	63	9669	0.40	UG/L	#	95
28) VINYL ACETATE	2.271	43	136635	6.52	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	18983	0.56	UG/L		90
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	25481	6.16	UG/L	#	73
32) T-BUTYL ETHYL ETHER	2.592	59	15795	0.42	UG/L	#	90
33) CIS-1,2-DICHLOROETHENE	2.714	61	8985	0.36	UG/L	#	75
34) 2,2-DICHLOROPROPANE	2.706	77	6735m	0.41	UG/L		
35) ETHYL ACETATE	2.812	43	8643	0.77	UG/L	#	74
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	5788	0.54	UG/L	#	79
39) TETRAHYDROFURAN	0.000		0	N.D.	d		
40) CHLOROFORM	3.029	83	9666m	0.39	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.211	97	7854	0.36	UG/L	#	78
42) CYCLOHEXANE	3.272	56	19510	0.98	UG/L	#	57
43) CARBON TETRACHLORIDE	3.381	117	5758m	0.35	UG/L		
44) 1,1-DICHLOROPROPENE	3.381	75	6822	0.36	UG/L	#	86
45) BENZENE	3.587	78	20149	0.41	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

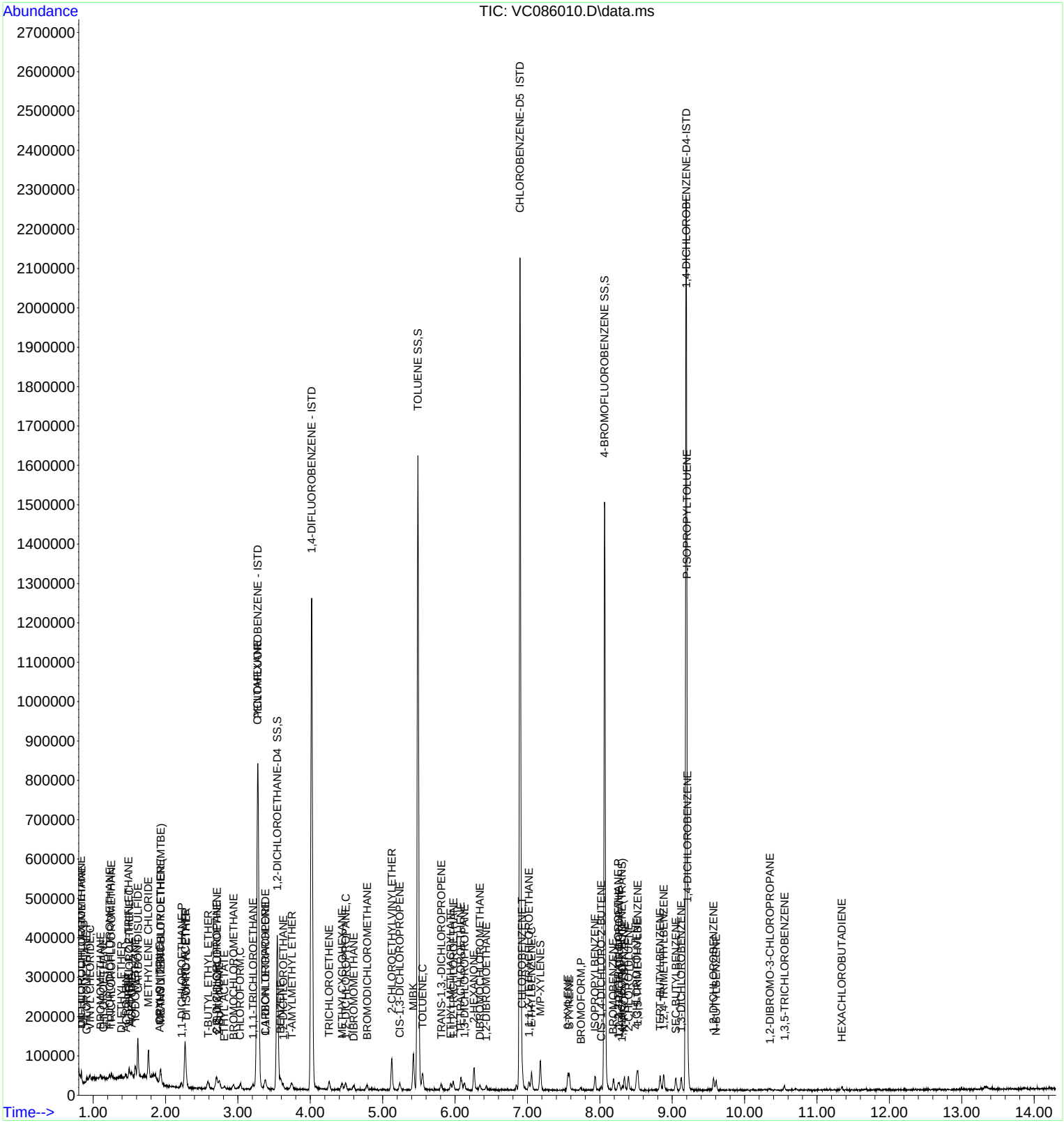
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.746	73	13347	0.44 UG/L #	75
50) 1,2-DICHLOROETHANE	3.626	62	8096	0.31 UG/L #	84
51) TRICHLOROETHENE	4.259	95	5911	0.41 UG/L	95
52) METHYLCYCLOHEXANE	4.441	83	6667m	0.44 UG/L	
53) 1,2-DICHLOROPROPANE	4.491	63	6157	0.47 UG/L #	76
54) DIBROMOMETHANE	4.599	93	3939	0.42 UG/L	91
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.786	83	7071	0.36 UG/L #	94
58) 2-CHLOROETHYLVINYLETHER	5.127	63	28232	4.00 UG/L	89
59) MIBK	5.422	43	53793	5.66 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	7906	0.40 UG/L #	90
61) TOLUENE	5.550	91	22031	0.40 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	6444	0.42 UG/L #	55
63) ETHYL METHACRYLATE	5.938	69	6990	0.25 UG/L	88
64) 1,1,2-TRICHLOROETHANE	5.977	97	5219	0.46 UG/L	98
65) 2-HEXANONE	6.261	43	33983	5.23 UG/L	94
66) TETRACHLOROETHENE	6.077	166	6450	0.47 UG/L	92
67) 1,3-DICHLOROPROPANE	6.130	76	7894	0.40 UG/L	93
68) DIBROMOCHLOROMETHANE	6.342	129	4473	0.36 UG/L	99
69) 1,2-DIBROMOETHANE	6.429	107	5363	0.45 UG/L	98
72) CHLOROBENZENE	6.925	112	14916	0.49 UG/L #	81
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	4266	0.45 UG/L	95
74) ETHYLBENZENE	7.056	91	24296	0.44 UG/L #	88
75) M/P-XYLENES	7.179	91	37631	0.86 UG/L	99
76) 0-XYLENE	7.558	91	19244	0.45 UG/L	98
77) STYRENE	7.581	104	15867	0.46 UG/L	91
78) BROMOFORM	7.739	173	2160	0.38 UG/L #	79
79) ISOPROPYLBENZENE	7.932	105	21218	0.44 UG/L	95
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	2371	0.56 UG/L #	35
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	6155	0.52 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.306	53	1436	0.38 UG/L	90
83) BROMOBENZENE	8.186	77	10264	0.45 UG/L	94
84) 1,2,3-TRICHLOROPROPANE	8.269	75	5159	0.49 UG/L #	77
85) N-PROPYLBENZENE	8.339	91	22821	0.43 UG/L	92
86) 2-CHLOROT0LUENE	8.398	91	16024	0.44 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	19610	0.44 UG/L	93
88) 4-CHLOROTOLUENE	8.509	91	19006	0.44 UG/L	93
90) TERT-BUTYLBENZENE	8.833	119	14542	0.41 UG/L	84
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	18981	0.36 UG/L	87
92) SEC-BUTYLBENZENE	9.050	105	19148	0.38 UG/L	97
93) 1,3-DICHLOROBENZENE	9.125	146	10336	0.40 UG/L	96
94) P-ISOPROPYLTOLUENE	9.204	119	15937	0.38 UG/L #	89
95) 1,4-DICHLOROBENZENE	9.212	146	12862	0.43 UG/L	91
96) N-BUTYLBENZENE	9.608	91	10465	0.27 UG/L	93
97) 1,2-DICHLOROBENZENE	9.572	146	10476	0.41 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.350	75	613m	0.26 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.553	180	2862m	0.16 UG/L	
100) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.	
101) HEXACHLOROBUTADIENE	11.342	225	1507	0.23 UG/L #	45
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	611175	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	970401	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	500452	30.00	UG/L	#	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507090	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	239076	15.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.84%#				
49) TOLUENE SS	5.489	98	890164	23.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.84%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	413502	27.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	7368	0.47	UG/L		94
4) DIFLUOROCHLOROMETHANE	0.840	51	10217	0.62	UG/L		100
5) CHLOROMETHANE	0.913	50	5687	0.56	UG/L		92
6) VINYL CHLORIDE	0.960	62	5276	0.36	UG/L	#	85
7) BROMOMETHANE	1.102	94	6555	0.39	UG/L		89
8) CHLOROETHANE	1.144	64	3132	0.43	UG/L		90
9) FLUORODICHLOROMETHANE	1.233	67	8516	0.35	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.259	101	8363	0.39	UG/L		96
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	3831	0.42	UG/L	#	79
13) ACROLEIN	1.454	56	4986	61.80	UG/L	#	1
14) ACETONE	1.529	43	12065	4.51	UG/L		97
15) 1,1-DICHLOROETHENE	1.504	61	6795	0.32	UG/L	#	89
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	3487	0.33	UG/L	#	75
17) IODOMETHANE	1.585	142	42233	7.58	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	0.000		0	N.D.	d		
21) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
22) ACRYLONITRILE	1.917	53	2735m	0.80	UG/L		
23) METHYLENE CHLORIDE	1.766	49	25882	1.56	UG/L		95
24) CARBON DISULFIDE	1.618	76	115312	3.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	15128	0.52	UG/L	#	81
26) TRANS 1,2-DICHLOROETHENE	1.931	61	10325	0.52	UG/L	#	81
27) 1,1-DICHLOROETHANE	2.226	63	12879	0.55	UG/L	#	81
28) VINYL ACETATE	2.271	43	157555	7.70	UG/L	#	85
29) DI ISOPROYL ETHER	2.288	45	25771	0.78	UG/L	#	82
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.739	43	26682	6.61	UG/L		96
32) T-BUTYL ETHYL ETHER	2.594	59	18310	0.49	UG/L	#	85
33) CIS-1,2-DICHLOROETHENE	2.706	61	12904	0.53	UG/L	#	91
34) 2,2-DICHLOROPROPANE	2.700	77	8021	0.50	UG/L		96
35) ETHYL ACETATE	2.806	43	9813	0.90	UG/L	#	84
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	7094	0.68	UG/L	#	77
39) TETRAHYDROFURAN	0.000		0	N.D.	d		
40) CHLOROFORM	3.043	83	11219	0.47	UG/L	#	57
41) 1,1,1-TRICHLOROETHANE	3.213	97	11189	0.52	UG/L	#	84
42) CYCLOHEXANE	3.272	56	23527m	1.21	UG/L		
43) CARBON TETRACHLORIDE	3.372	117	8134	0.51	UG/L		92
44) 1,1-DICHLOROPROPENE	3.389	75	8811m	0.47	UG/L		
45) BENZENE	3.595	78	26687	0.56	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

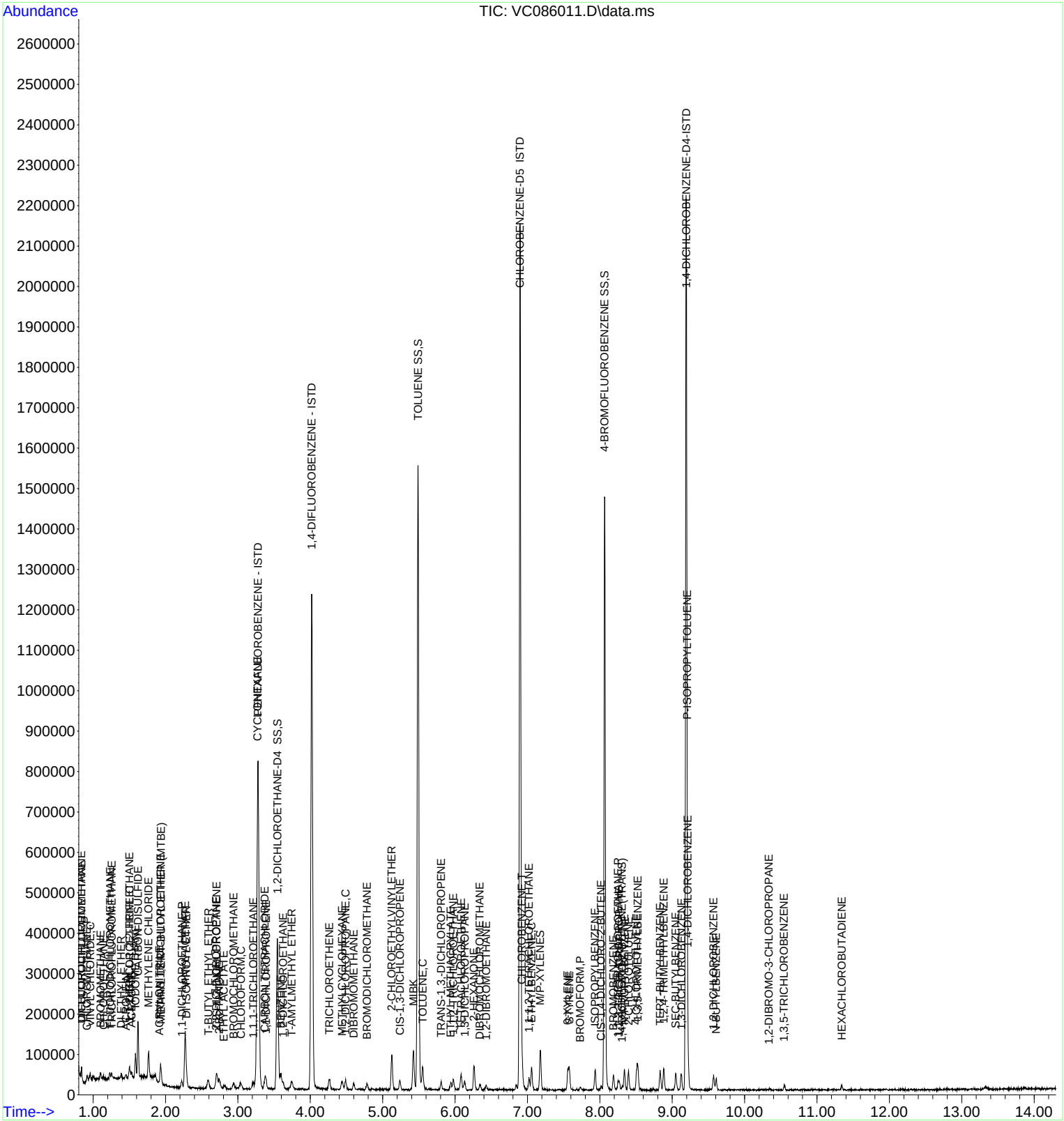
Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.740	73	15720	0.53 UG/L	98
50) 1,2-DICHLOROETHANE	3.623	62	10611	0.41 UG/L #	84
51) TRICHLOROETHENE	4.262	95	7806	0.55 UG/L	91
52) METHYLCYCLOHEXANE	4.440	83	8293	0.55 UG/L #	95
53) 1,2-DICHLOROPROPANE	4.488	63	7505	0.58 UG/L #	89
54) DIBROMOMETHANE	4.602	93	4874	0.52 UG/L #	81
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.783	83	7468	0.38 UG/L #	86
58) 2-CHLOROETHYLVINYLETHER	5.124	63	31800	4.57 UG/L	84
59) MIBK	5.425	43	60841	6.48 UG/L #	91
60) CIS-1,3-DICHLOROPROPENE	5.238	75	9364	0.48 UG/L #	83
61) TOLUENE	5.553	91	30723	0.56 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	7508	0.49 UG/L #	82
63) ETHYL METHACRYLATE	5.941	69	7838	0.29 UG/L #	26
64) 1,1,2-TRICHLOROETHANE	5.974	97	6572	0.58 UG/L	96
65) 2-HEXANONE	6.261	43	36119	5.63 UG/L	90
66) TETRACHLOROETHENE	6.083	166	7844	0.58 UG/L	97
67) 1,3-DICHLOROPROPANE	6.136	76	9783	0.50 UG/L	99
68) DIBROMOCHLOROMETHANE	6.339	129	5615	0.46 UG/L	95
69) 1,2-DIBROMOETHANE	6.429	107	6333	0.53 UG/L	97
72) CHLOROBENZENE	6.922	112	21029	0.70 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	5736	0.61 UG/L	93
74) ETHYLBENZENE	7.056	91	33568	0.62 UG/L	98
75) M/P-XYLENES	7.176	91	52390	1.22 UG/L	97
76) 0-XYLENE	7.555	91	25656	0.61 UG/L	98
77) STYRENE	7.580	104	21336	0.62 UG/L	87
78) BROMOFORM	7.728	173	2514	0.45 UG/L #	87
79) ISOPROPYLBENZENE	7.932	105	29529	0.63 UG/L	96
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	2260	0.55 UG/L #	68
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	7156	0.61 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.305	53	2012m	0.55 UG/L	
83) BROMOBENZENE	8.188	77	12820	0.57 UG/L	93
84) 1,2,3-TRICHLOROPROPANE	8.266	75	5303	0.51 UG/L	88
85) N-PROPYLBENZENE	8.342	91	32069	0.61 UG/L	98
86) 2-CHLOROT0LUENE	8.397	91	21586	0.60 UG/L #	88
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	24008	0.54 UG/L	89
88) 4-CHLOROTOLUENE	8.506	91	23437	0.55 UG/L	91
90) TERT-BUTYLBENZENE	8.832	119	20552	0.59 UG/L	83
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	25163	0.50 UG/L	91
92) SEC-BUTYLBENZENE	9.047	105	25038	0.52 UG/L	93
93) 1,3-DICHLOROBENZENE	9.128	146	14399	0.58 UG/L	98
94) P-ISOPROPYLTOLUENE	9.206	119	21504	0.52 UG/L #	91
95) 1,4-DICHLOROBENZENE	9.214	146	16149	0.56 UG/L #	92
96) N-BUTYLBENZENE	9.605	91	14386	0.39 UG/L	93
97) 1,2-DICHLOROBENZENE	9.571	146	13052	0.53 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.336	75	479m	0.21 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.545	180	2793	0.16 UG/L	89
100) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.	
101) HEXACHLOROBUTADIENE	11.342	225	1987	0.32 UG/L #	45
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	623908	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	976002	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	505602	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	513719	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	237935	14.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.32%#				
49) TOLUENE SS	5.489	98	893505	23.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.68%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	411333	26.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.840	85	8341	0.52	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.843	51	13239	0.79	UG/L	#	91
5) CHLOROMETHANE	0.913	50	6405	0.62	UG/L		94
6) VINYL CHLORIDE	0.963	62	7838	0.53	UG/L		99
7) BROMOMETHANE	1.100	94	8357	0.58	UG/L		93
8) CHLOROETHANE	1.144	64	4403	0.60	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	13545	0.54	UG/L	#	80
10) TRICHLOROFLUOROMETHANE	1.259	101	12144	0.55	UG/L		94
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	6857	0.73	UG/L		97
13) ACROLEIN	1.456	56	10746	147.95	UG/L	#	1
14) ACETONE	1.535	43	19211	7.04	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	11640	0.54	UG/L		87
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	5940	0.55	UG/L	#	79
17) IODOMETHANE	1.585	142	88032	9.62	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	6111	0.47	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	6117m	8.01	UG/L		
22) ACRYLONITRILE	1.919	53	5126	1.48	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	32074	1.89	UG/L		89
24) CARBON DISULFIDE	1.621	76	194203	5.27	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	26760	0.91	UG/L	#	89
26) TRANS 1,2-DICHLOROETHENE	1.933	61	18597	0.91	UG/L	#	87
27) 1,1-DICHLOROETHANE	2.221	63	22948	0.96	UG/L		98
28) VINYL ACETATE	2.271	43	290281	13.90	UG/L	#	95
29) DI ISOPROYL ETHER	2.288	45	42561	1.26	UG/L	#	64
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	49393	11.99	UG/L		95
32) T-BUTYL ETHYL ETHER	2.591	59	35024	0.93	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	21659	0.87	UG/L	#	77
34) 2,2-DICHLOROPROPANE	2.703	77	14958	0.91	UG/L	#	88
35) ETHYL ACETATE	2.815	43	14004	1.26	UG/L	#	85
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	12615	1.18	UG/L		97
39) TETRAHYDROFURAN	2.993	42	4240m	1.85	UG/L		
40) CHLOROFORM	3.035	83	21825	0.89	UG/L		95
41) 1,1,1-TRICHLOROETHANE	3.208	97	18205	0.83	UG/L		97
42) CYCLOHEXANE	3.266	56	30185m	1.53	UG/L		
43) CARBON TETRACHLORIDE	3.372	117	11599	0.71	UG/L		88
44) 1,1-DICHLOROPROPENE	3.378	75	16187	0.85	UG/L	#	84
45) BENZENE	3.593	78	49038	1.01	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

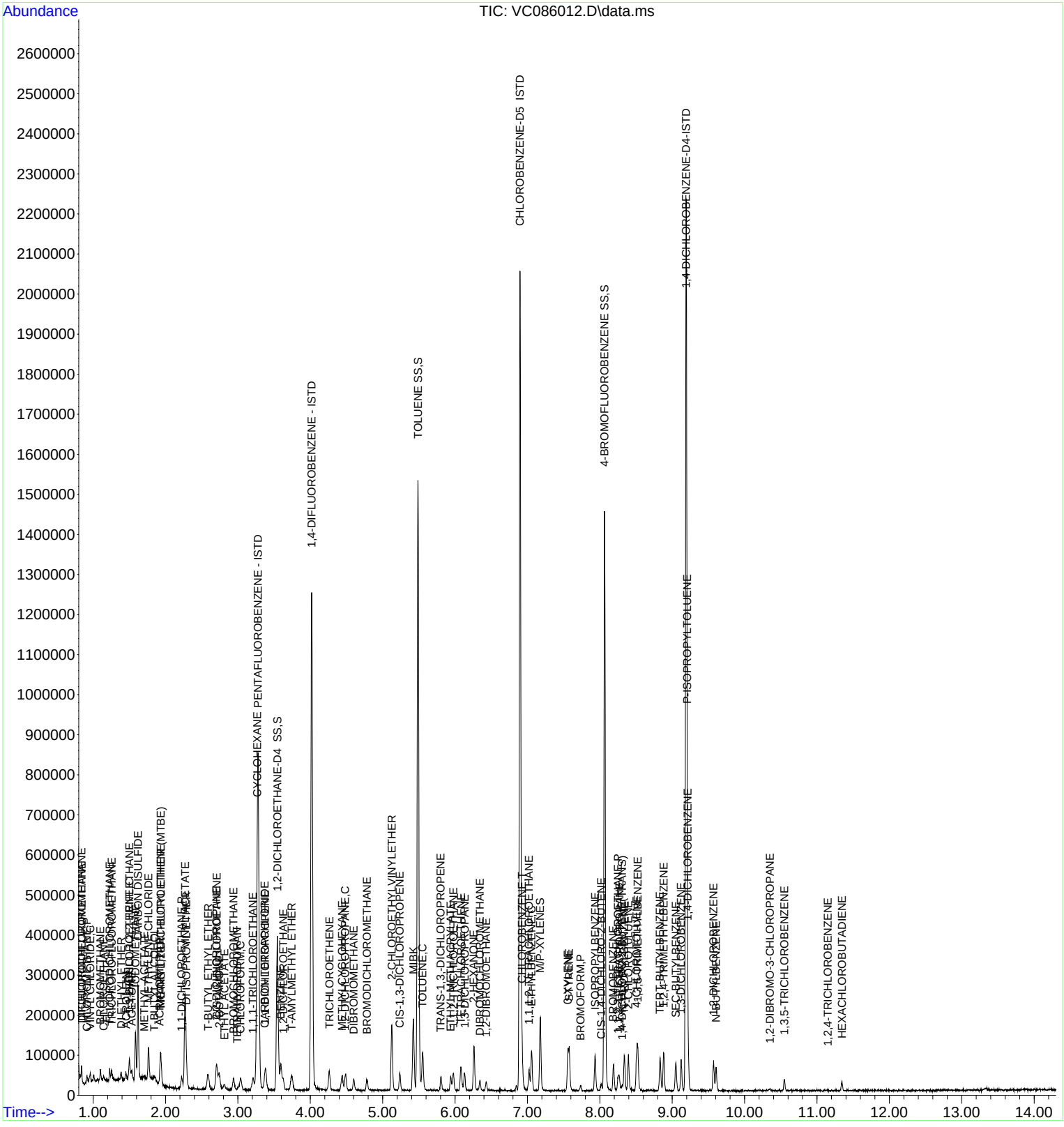
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.740	73	27821	0.92 UG/L	99
50) 1,2-DICHLOROETHANE	3.626	62	18345	0.70 UG/L	98
51) TRICHLOROETHENE	4.265	95	13182	0.92 UG/L	85
52) METHYLCYCLOHEXANE	4.438	83	14309	0.94 UG/L #	65
53) 1,2-DICHLOROPROPANE	4.482	63	13481	1.03 UG/L #	91
54) DIBROMOMETHANE	4.599	93	7987	0.85 UG/L #	83
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.783	83	14871	0.76 UG/L #	97
58) 2-CHLOROETHYLVINYLETHER	5.126	63	57542	8.22 UG/L	87
59) MIBK	5.425	43	111657	11.82 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	18248	0.94 UG/L	92
61) TOLUENE	5.550	91	56763	1.03 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.801	75	14214	0.92 UG/L #	91
63) ETHYL METHACRYLATE	5.938	69	15185	0.55 UG/L #	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	11627	1.03 UG/L	98
65) 2-HEXANONE	6.259	43	65014	10.07 UG/L	93
66) TETRACHLOROETHENE	6.083	166	14492	1.07 UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	18934	0.96 UG/L	98
68) DIBROMOCHLOROMETHANE	6.342	129	9724	0.79 UG/L	95
69) 1,2-DIBROMOETHANE	6.429	107	11981	1.00 UG/L	90
72) CHLOROBENZENE	6.925	112	35700	1.18 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	10266	1.08 UG/L #	90
74) ETHYLBENZENE	7.056	91	60344	1.10 UG/L	98
75) M/P-XYLENES	7.176	91	94084	2.16 UG/L	98
76) 0-XYLENE	7.558	91	46000	1.08 UG/L	92
77) STYRENE	7.578	104	41412	1.20 UG/L #	84
78) BROMOFORM	7.734	173	4615	0.81 UG/L #	94
79) ISOPROPYLBENZENE	7.934	105	51816	1.09 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	3600	0.86 UG/L #	66
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	12778	1.08 UG/L	96
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	2402	0.65 UG/L	98
83) BROMOBENZENE	8.185	77	22207	0.98 UG/L #	86
84) 1,2,3-TRICHLOROPROPANE	8.272	75	10521	1.00 UG/L	92
85) N-PROPYLBENZENE	8.339	91	57971	1.10 UG/L	96
86) 2-CHLOROT0LUENE	8.395	91	38765	1.06 UG/L	92
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	47752	1.07 UG/L	97
88) 4-CHLOROTOLUENE	8.509	91	44095	1.03 UG/L	93
90) TERT-BUTYLBENZENE	8.830	119	34050	0.97 UG/L	86
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	47067	0.92 UG/L	93
92) SEC-BUTYLBENZENE	9.050	105	45172	0.92 UG/L #	91
93) 1,3-DICHLOROBENZENE	9.122	146	26189	1.04 UG/L	97
94) P-ISOPROPYLTOLUENE	9.206	119	40102	0.97 UG/L	96
95) 1,4-DICHLOROBENZENE	9.214	146	28553	0.98 UG/L #	87
96) N-BUTYLBENZENE	9.608	91	26312	0.70 UG/L	91
97) 1,2-DICHLOROBENZENE	9.571	146	25479	1.02 UG/L	95
98) 1,2-DIBROMO-3-CHLOROPR...	10.352	75	873m	0.38 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.550	180	7506	0.42 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	290m	0.02 UG/L	
101) HEXACHLOROBUTADIENE	11.348	225	3996m	0.63 UG/L	
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
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Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	589195	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	911500	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	483760	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	501899	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	225365	14.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.48%#				
49) TOLUENE SS	5.489	98	842874	23.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398234	27.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	20873	1.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	30339	1.92	UG/L	#	90
5) CHLOROMETHANE	0.913	50	15179	1.56	UG/L		100
6) VINYL CHLORIDE	0.960	62	16974	1.21	UG/L		93
7) BROMOMETHANE	1.100	94	13654	1.29	UG/L		96
8) CHLOROETHANE	1.144	64	9220	1.32	UG/L	#	81
9) FLUORODICHLOROMETHANE	1.228	67	27491	1.16	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	26187	1.25	UG/L		100
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.384	59	12465	1.40	UG/L		92
13) ACROLEIN	1.454	56	19052	291.57	UG/L	#	1
14) ACETONE	1.529	43	39821	15.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.504	61	22574	1.10	UG/L	#	86
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	13020	1.28	UG/L		84
17) IODOMETHANE	1.585	142	200035	15.23	UG/L		93
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.705	43	11143	0.90	UG/L		96
21) T-BUTYL ALCOHOL	1.839	59	11010	15.27	UG/L	#	97
22) ACRYLONITRILE	1.920	53	8390	2.56	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	39871	2.49	UG/L		96
24) CARBON DISULFIDE	1.618	76	400074	11.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	54807	1.97	UG/L	#	90
26) TRANS 1,2-DICHLOROETHENE	1.931	61	37045	1.92	UG/L		89
27) 1,1-DICHLOROETHANE	2.224	63	44885	1.98	UG/L	#	95
28) VINYL ACETATE	2.268	43	586271	29.73	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	87665	2.75	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	99195	25.51	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	69396	1.94	UG/L		94
33) CIS-1,2-DICHLOROETHENE	2.706	61	44924	1.91	UG/L		88
34) 2,2-DICHLOROPROPANE	2.703	77	29674	1.91	UG/L		93
35) ETHYL ACETATE	2.809	43	26887	2.56	UG/L	#	91
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	26539	2.62	UG/L	#	73
39) TETRAHYDROFURAN	3.002	42	5715	2.64	UG/L	#	58
40) CHLOROFORM	3.038	83	43003	1.86	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.202	97	38022	1.83	UG/L		94
42) CYCLOHEXANE	3.261	56	49170m	2.63	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	27213	1.77	UG/L		99
44) 1,1-DICHLOROPROPENE	3.384	75	31293	1.74	UG/L	#	87
45) BENZENE	3.593	78	97385	2.11	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

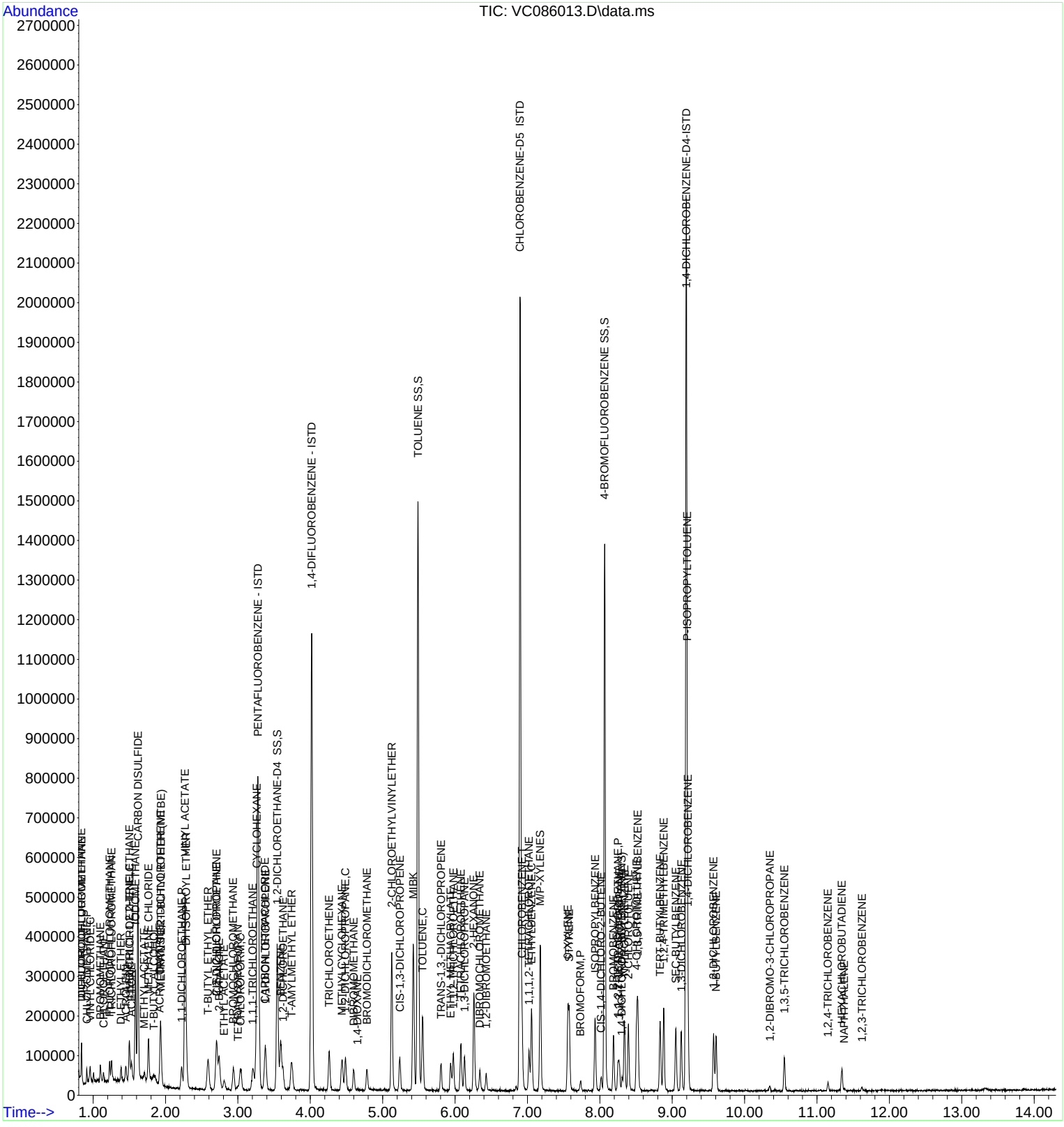
Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.743	73	59317m	2.07 UG/L		
50)	1,2-DICHLOROETHANE	3.623	62	35603	1.45 UG/L	#	88
51)	TRICHLOROETHENE	4.259	95	27496	2.06 UG/L		88
52)	METHYLCYCLOHEXANE	4.435	83	29278	2.07 UG/L		95
53)	1,2-DICHLOROPROPANE	4.485	63	26848	2.20 UG/L	#	90
54)	DIBROMOMETHANE	4.602	93	16355	1.86 UG/L	#	80
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	1188m	17.83 UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	28676	1.56 UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.126	63	125986	19.26 UG/L		91
59)	MIBK	5.422	43	227238	25.77 UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	36918	2.03 UG/L	#	91
61)	TOLUENE	5.550	91	113411	2.20 UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	28393	1.97 UG/L	#	87
63)	ETHYL METHACRYLATE	5.938	69	28372	1.10 UG/L		92
64)	1,1,2-TRICHLOROETHANE	5.977	97	22953	2.17 UG/L		97
65)	2-HEXANONE	6.259	43	144253	23.92 UG/L		92
66)	TETRACHLOROETHENE	6.080	166	30100	2.38 UG/L		95
67)	1,3-DICHLOROPROPANE	6.130	76	38249	2.08 UG/L		98
68)	DIBROMOCHLOROMETHANE	6.340	129	19122	1.65 UG/L		99
69)	1,2-DIBROMOETHANE	6.432	107	23153	2.07 UG/L		97
72)	CHLOROBENZENE	6.925	112	73782	2.55 UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	21198	2.33 UG/L		94
74)	ETHYLBENZENE	7.056	91	125772	2.40 UG/L		99
75)	M/P-XYLENES	7.173	91	188392	4.53 UG/L		96
76)	0-XYLENE	7.558	91	96039	2.36 UG/L		96
77)	STYRENE	7.578	104	81643	2.47 UG/L		88
78)	BROMOFORM	7.731	173	9900	1.82 UG/L	#	94
79)	ISOPROPYLBENZENE	7.935	105	105660	2.33 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	6714	1.68 UG/L	#	81
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	26245	2.32 UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.303	53	6769	1.90 UG/L	#	80
83)	BROMOBENZENE	8.188	77	45916	2.12 UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.269	75	19335	1.91 UG/L	#	82
85)	N-PROPYLBENZENE	8.342	91	123518	2.44 UG/L		97
86)	2-CHLOROT0LUENE	8.395	91	79300	2.27 UG/L		93
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	93962	2.20 UG/L		89
88)	4-CHLOROTOLUENE	8.509	91	90489	2.20 UG/L		93
90)	TERT-BUTYLBENZENE	8.833	119	73758	2.15 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	96269	1.92 UG/L		90
92)	SEC-BUTYLBENZENE	9.050	105	96114	2.00 UG/L		93
93)	1,3-DICHLOROBENZENE	9.128	146	54008	2.19 UG/L		96
94)	P-ISOPROPYLTOLUENE	9.206	119	87448	2.16 UG/L		96
95)	1,4-DICHLOROBENZENE	9.217	146	60099	2.12 UG/L		97
96)	N-BUTYLBENZENE	9.608	91	66914	1.82 UG/L		93
97)	1,2-DICHLOROBENZENE	9.572	146	51749	2.11 UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.350	75	2178m	0.97 UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.550	180	22516	1.30 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	5210	0.38 UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	10639	1.72 UG/L		97
102)	NAPHTHALENE	11.373	128	3389m	0.13 UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.624	180	2028	0.20 UG/L		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	588990	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	930510	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488427	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507149	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	235558	15.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.20%#				
49) TOLUENE SS	5.489	98	854222	23.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.92%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	405085	27.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	42392	2.81	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	71560	4.52	UG/L	#	82
5) CHLOROMETHANE	0.913	50	32182	3.30	UG/L		99
6) VINYL CHLORIDE	0.960	62	39149	2.80	UG/L		99
7) BROMOMETHANE	1.099	94	24285	2.59	UG/L		96
8) CHLOROETHANE	1.144	64	20999	3.01	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	72615	3.07	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	65856	3.15	UG/L		99
11) ETHANOL	1.345	45	4991m	69.74	UG/L		
12) DI ETHYL ETHER	1.390	59	31610	3.56	UG/L		94
13) ACROLEIN	1.454	56	53967	855.03	UG/L	#	1
14) ACETONE	1.535	43	106640	41.39	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	59065	2.88	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	31867	3.14	UG/L	#	79
17) IODOMETHANE	1.585	142	593480	34.12	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	31849	2.58	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	31803	44.12	UG/L	#	89
22) ACRYLONITRILE	1.917	53	22646	6.90	UG/L		92
23) METHYLENE CHLORIDE	1.769	49	75528	4.73	UG/L		90
24) CARBON DISULFIDE	1.621	76	1010968	29.04	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	154243	5.53	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.933	61	101355	5.26	UG/L		89
27) 1,1-DICHLOROETHANE	2.226	63	123026	5.44	UG/L		100
28) VINYL ACETATE	2.271	43	1637457	83.07	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	239520	7.51	UG/L	#	82
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	284817	73.26	UG/L		93
32) T-BUTYL ETHYL ETHER	2.586	59	199798	5.60	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	121620	5.16	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	81501	5.25	UG/L	#	88
35) ETHYL ACETATE	2.809	43	77357	7.36	UG/L		96
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.943	49	69387	6.86	UG/L		91
39) TETRAHYDROFURAN	2.996	42	18024m	8.32	UG/L		
40) CHLOROFORM	3.038	83	118804	5.14	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	100614	4.84	UG/L	#	82
42) CYCLOHEXANE	3.252	56	114155	6.11	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	73366	4.77	UG/L		92
44) 1,1-DICHLOROPROPENE	3.386	75	87157	4.85	UG/L		93
45) BENZENE	3.595	78	266858	5.80	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

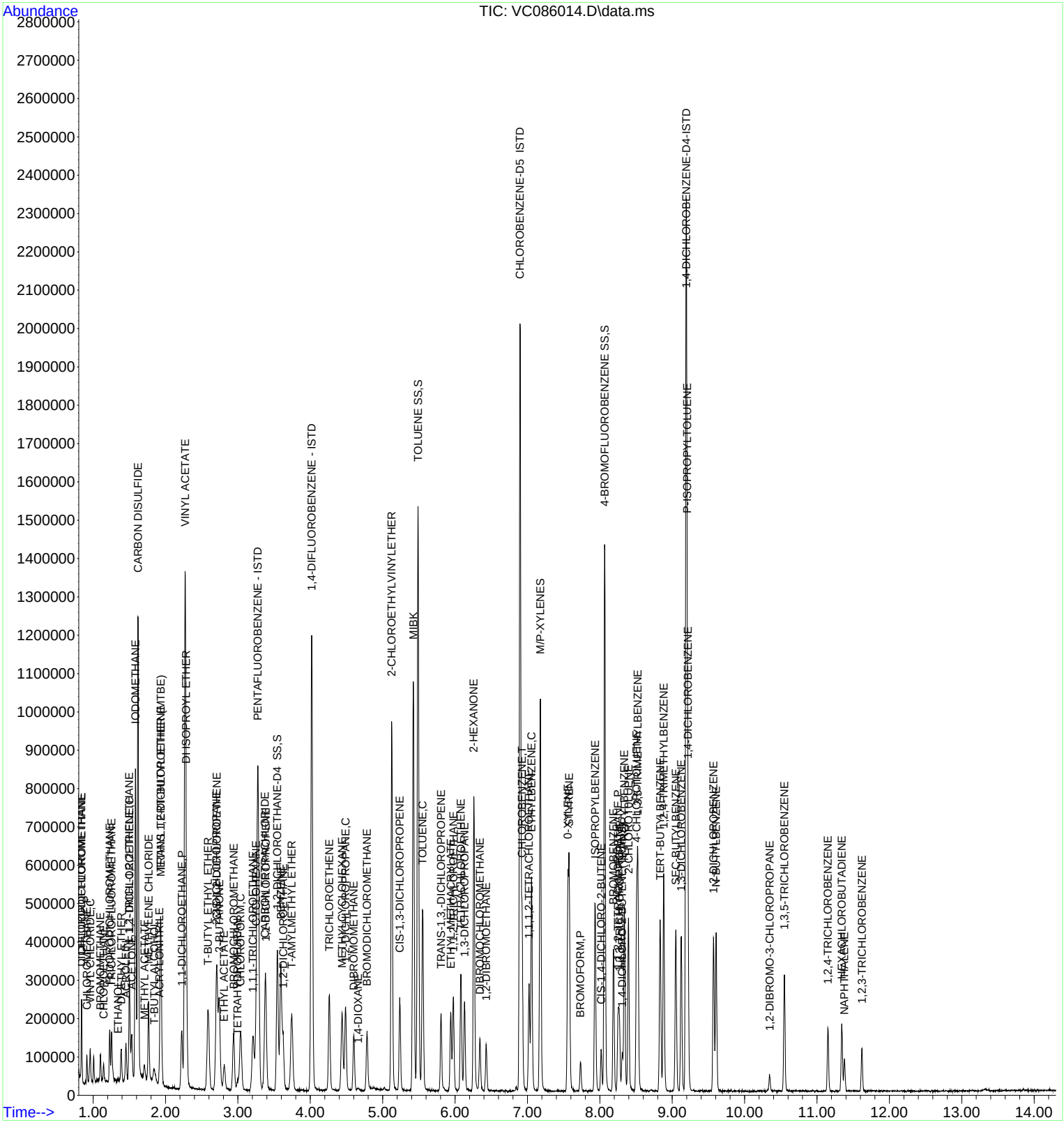
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.743	73	161463	5.64 UG/L	95
50) 1,2-DICHLOROETHANE	3.626	62	101264	4.05 UG/L #	91
51) TRICHLOROETHENE	4.262	95	73038	5.35 UG/L	88
52) METHYLCYCLOHEXANE	4.437	83	74887	5.18 UG/L	96
53) 1,2-DICHLOROPROPANE	4.488	63	74250	5.96 UG/L #	92
54) DIBROMOMETHANE	4.602	93	45716	5.09 UG/L	89
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.661	88	3928m	57.76 UG/L	
57) BROMODICHLOROMETHANE	4.783	83	81513	4.34 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.123	63	343322	51.42 UG/L	89
59) MIBK	5.425	43	654344	72.68 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	106258	5.73 UG/L #	90
61) TOLUENE	5.550	91	302072	5.73 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	83875	5.71 UG/L #	91
63) ETHYL METHACRYLATE	5.943	69	83913	3.20 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	63458	5.89 UG/L	97
65) 2-HEXANONE	6.258	43	427763	69.48 UG/L	93
66) TETRACHLOROETHENE	6.080	166	79255	6.14 UG/L	98
67) 1,3-DICHLOROPROPANE	6.130	76	103023	5.48 UG/L	100
68) DIBROMOCHLOROMETHANE	6.345	129	57472	4.87 UG/L	99
69) 1,2-DIBROMOETHANE	6.431	107	67192	5.89 UG/L	99
72) CHLOROBENZENE	6.925	112	201095	6.88 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	61508	6.70 UG/L	98
74) ETHYLBENZENE	7.056	91	339241	6.40 UG/L	99
75) M/P-XYLENES	7.179	91	514211	12.24 UG/L	96
76) 0-XYLENE	7.558	91	255047	6.22 UG/L	95
77) STYRENE	7.577	104	223155	6.69 UG/L	87
78) BROMOFORM	7.731	173	28462	5.17 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	295675	6.45 UG/L	95
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	20775	5.15 UG/L #	79
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	74644	6.53 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	18262	5.09 UG/L #	84
83) BROMOBENZENE	8.188	77	126094	5.77 UG/L	87
84) 1,2,3-TRICHLOROPROPANE	8.272	75	58024	5.68 UG/L	91
85) N-PROPYLBENZENE	8.339	91	335839	6.57 UG/L	96
86) 2-CHLOROT0LUENE	8.397	91	218318	6.19 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	262260	6.09 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	246423	5.93 UG/L	93
90) TERT-BUTYLBENZENE	8.835	119	195777	5.65 UG/L	87
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	267064	5.26 UG/L	93
92) SEC-BUTYLBENZENE	9.050	105	263918	5.43 UG/L	95
93) 1,3-DICHLOROBENZENE	9.125	146	149576	6.01 UG/L	95
94) P-ISOPROPYLTOLUENE	9.206	119	234106	5.71 UG/L	94
95) 1,4-DICHLOROBENZENE	9.217	146	160150	5.59 UG/L	99
96) N-BUTYLBENZENE	9.608	91	195847	5.28 UG/L	93
97) 1,2-DICHLOROBENZENE	9.571	146	145049	5.85 UG/L	96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	7711	3.38 UG/L #	79
99) 1,3,5-TRICHLOROBENZENE	10.550	180	80849	4.61 UG/L	98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	43312	3.15 UG/L	99
101) HEXACHLOROBUTADIENE	11.342	225	31468	5.03 UG/L	100
102) NAPHTHALENE	11.378	128	54166	2.02 UG/L	97
103) 1,2,3-TRICHLOROBENZENE	11.621	180	27038	2.58 UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	593485	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	930251	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	493309	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	515195	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	230277	15.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.36%#				
49) TOLUENE SS	5.489	98	856288	23.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398697	26.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	74785	4.92	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	129453	8.12	UG/L	#	85
5) CHLOROMETHANE	0.913	50	64308	6.55	UG/L		98
6) VINYL CHLORIDE	0.960	62	78678	5.58	UG/L		99
7) BROMOMETHANE	1.100	94	39547	4.42	UG/L		97
8) CHLOROETHANE	1.141	64	39731	5.65	UG/L		100
9) FLUORODICHLOROMETHANE	1.228	67	146191	6.13	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.253	101	134366	6.38	UG/L		97
11) ETHANOL	1.339	45	5847	81.09	UG/L	#	79
12) DI ETHYL ETHER	1.387	59	59491	6.64	UG/L		95
13) ACROLEIN	1.451	56	105786	1678.21	UG/L	#	1
14) ACETONE	1.529	43	203129	78.24	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	121185	5.86	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	67316	6.58	UG/L		85
17) IODOMETHANE	1.585	142	1317990	68.43	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	56311	4.52	UG/L		97
21) T-BUTYL ALCOHOL	1.844	59	53753	74.00	UG/L	#	76
22) ACRYLONITRILE	1.919	53	45118	13.65	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	134167	8.33	UG/L		91
24) CARBON DISULFIDE	1.621	76	2032874	57.96	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	297621	10.60	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	202107	10.40	UG/L		91
27) 1,1-DICHLOROETHANE	2.223	63	243116	10.67	UG/L		99
28) VINYL ACETATE	2.271	43	3026886	152.39	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	466986	14.53	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	526619	134.43	UG/L	#	92
32) T-BUTYL ETHYL ETHER	2.591	59	393469	10.94	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	241692	10.18	UG/L		87
34) 2,2-DICHLOROPROPANE	2.703	77	166083	10.62	UG/L	#	89
35) ETHYL ACETATE	2.809	43	137765	13.01	UG/L	#	90
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.937	49	136087	13.34	UG/L		91
39) TETRAHYDROFURAN	2.999	42	30850	14.13	UG/L	#	79
40) CHLOROFORM	3.038	83	236878	10.17	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.208	97	205932	9.83	UG/L		95
42) CYCLOHEXANE	3.258	56	216784	11.52	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	154866	9.99	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	175563	9.69	UG/L		95
45) BENZENE	3.593	78	529128	11.41	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

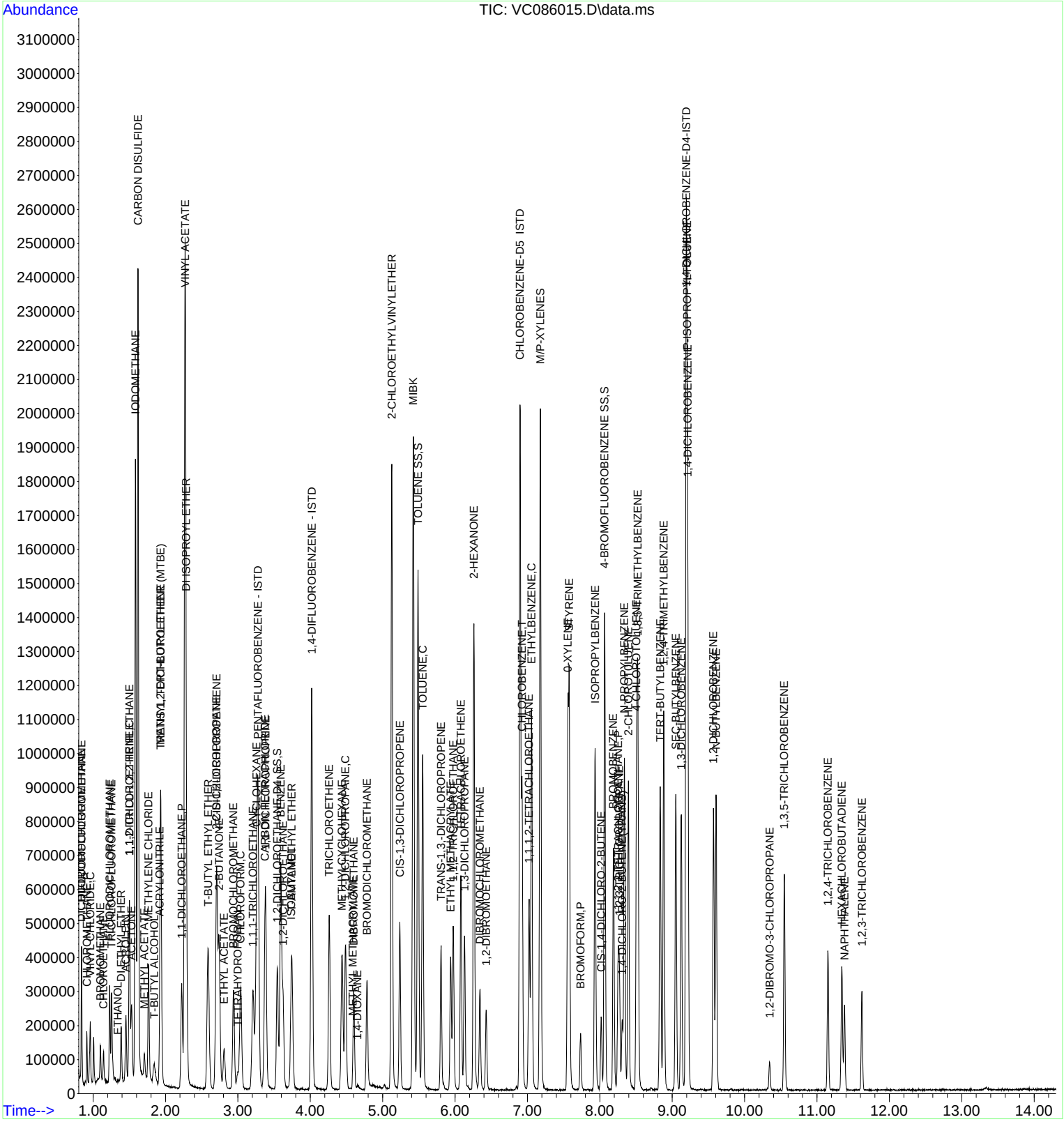
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) ISOBUTANOL	3.738	41	41605	96.92	UG/L		84
47) T-AMYLMETHYL ETHER	3.740	73	324181	11.23	UG/L		96
50) 1,2-DICHLOROETHANE	3.623	62	200206	8.01	UG/L	#	91
51) TRICHLOROETHENE	4.259	95	148070	10.85	UG/L		89
52) METHYLCYCLOHEXANE	4.435	83	153364	10.60	UG/L		97
53) 1,2-DICHLOROPROPANE	4.485	63	143033	11.49	UG/L	#	90
54) DIBROMOMETHANE	4.599	93	89268	9.94	UG/L		89
55) METHYL METHACRYLATE	4.585	41	658	0.07	UG/L	#	100
56) 1,4-DIOXANE	4.652	88	8346m	122.76	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	172492	9.19	UG/L		98
58) 2-CHLOROETHYLVINYLETHER	5.126	63	661072	99.04	UG/L		89
59) MIBK	5.422	43	1199638	133.28	UG/L	#	89
60) CIS-1,3-DICHLOROPROPENE	5.238	75	219899	11.87	UG/L		92
61) TOLUENE	5.553	91	602989	11.45	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	174938	11.90	UG/L	#	90
63) ETHYL METHACRYLATE	5.938	69	160883	6.13	UG/L		94
64) 1,1,2-TRICHLOROETHANE	5.974	97	127083	11.80	UG/L		95
65) 2-HEXANONE	6.261	43	793822	128.98	UG/L		93
66) TETRACHLOROETHENE	6.080	166	160302	12.42	UG/L		96
67) 1,3-DICHLOROPROPANE	6.130	76	199196	10.60	UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	127496	10.80	UG/L		99
69) 1,2-DIBROMOETHANE	6.431	107	134161	11.77	UG/L		97
72) CHLOROBENZENE	6.925	112	400094	13.55	UG/L		92
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	129763	13.99	UG/L		98
74) ETHYLBENZENE	7.056	91	689411	12.88	UG/L		98
75) M/P-XYLENES	7.179	91	1028296	24.23	UG/L		96
76) 0-XYLENE	7.558	91	520233	12.56	UG/L		96
77) STYRENE	7.578	104	451665	13.40	UG/L		87
78) BROMOFORM	7.734	173	62137	11.19	UG/L		98
79) ISOPROPYLBENZENE	7.934	105	591020	12.76	UG/L		93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	42139	10.34	UG/L	#	85
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	141525	12.26	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	38834	10.71	UG/L		87
83) BROMOBENZENE	8.185	77	250643	11.35	UG/L		87
84) 1,2,3-TRICHLOROPROPANE	8.269	75	112215	10.89	UG/L		96
85) N-PROPYLBENZENE	8.339	91	672041	13.02	UG/L		96
86) 2-CHLOROT0LUENE	8.395	91	436856	12.26	UG/L		93
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	535456	12.31	UG/L		92
88) 4-CHLOROTOLUENE	8.506	91	497113	11.85	UG/L		93
90) TERT-BUTYLBENZENE	8.835	119	395226	11.22	UG/L		86
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	541766	10.51	UG/L		92
92) SEC-BUTYLBENZENE	9.050	105	546025	11.07	UG/L		95
93) 1,3-DICHLOROBENZENE	9.125	146	299394	11.84	UG/L		97
94) P-ISOPROPYLTOLUENE	9.209	119	477657	11.48	UG/L		94
95) 1,4-DICHLOROBENZENE	9.214	146	326671	11.23	UG/L		98
96) N-BUTYLBENZENE	9.605	91	408655	10.85	UG/L		93
97) 1,2-DICHLOROBENZENE	9.569	146	295484	11.74	UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15439	6.66	UG/L	#	78
99) 1,3,5-TRICHLOROBENZENE	10.547	180	178109	10.01	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	107279	7.69	UG/L		98
101) HEXACHLOROBUTADIENE	11.345	225	66953	10.54	UG/L		98
102) NAPHTHALENE	11.381	128	163798	6.00	UG/L		97
103) 1,2,3-TRICHLOROBENZENE	11.621	180	75461	7.09	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	601723	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	952159	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	497982	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543952	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	242703	15.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.72%#				
49) TOLUENE SS	5.486	98	869293	23.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.40%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	410410	27.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	138041	8.95	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	248190	15.36	UG/L	#	85
5) CHLOROMETHANE	0.913	50	123715	12.43	UG/L		99
6) VINYL CHLORIDE	0.957	62	147929	10.34	UG/L		99
7) BROMOMETHANE	1.094	94	36265	3.96	UG/L		97
8) CHLOROETHANE	1.139	64	63165	8.86	UG/L		99
9) FLUORODICHLOROMETHANE	1.225	67	266952	11.03	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.250	101	240280	11.25	UG/L		98
11) ETHANOL	1.342	45	13466m	184.19	UG/L		
12) DI ETHYL ETHER	1.387	59	120995	13.32	UG/L		93
13) ACROLEIN	1.451	56	228615	3594.94	UG/L	#	1
14) ACETONE	1.535	43	469044	178.18	UG/L		98
15) 1,1-DICHLOROETHENE	1.498	61	230955	11.01	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	128512	12.38	UG/L	#	82
17) IODOMETHANE	1.582	142	2537328	124.87	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	140321	11.11	UG/L		96
21) T-BUTYL ALCOHOL	1.850	59	161147	218.80	UG/L	#	97
22) ACRYLONITRILE	1.919	53	109597	32.70	UG/L		98
23) METHYLENE CHLORIDE	1.763	49	241323	14.78	UG/L		92
24) CARBON DISULFIDE	1.618	76	3773495	106.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	694223	24.38	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.928	61	414341	21.03	UG/L		91
27) 1,1-DICHLOROETHANE	2.221	63	498576	21.58	UG/L		100
28) VINYL ACETATE	2.271	43	6532709	324.40	UG/L		96
29) DI ISOPROYL ETHER	2.285	45	942414	28.92	UG/L	#	84
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	1344820	338.60	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	872194	23.92	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	498076	20.69	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.700	77	357359	22.54	UG/L	#	90
35) ETHYL ACETATE	2.806	43	358365	33.37	UG/L	#	94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	289436	27.99	UG/L		93
39) TETRAHYDROFURAN	2.996	42	80449	36.34	UG/L	#	82
40) CHLOROFORM	3.038	83	492406	20.86	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	437405	20.60	UG/L		94
42) CYCLOHEXANE	3.252	56	437276	22.91	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	343346	21.85	UG/L		96
44) 1,1-DICHLOROPROPENE	3.381	75	358496	19.52	UG/L	#	94
45) BENZENE	3.590	78	1096691	23.32	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

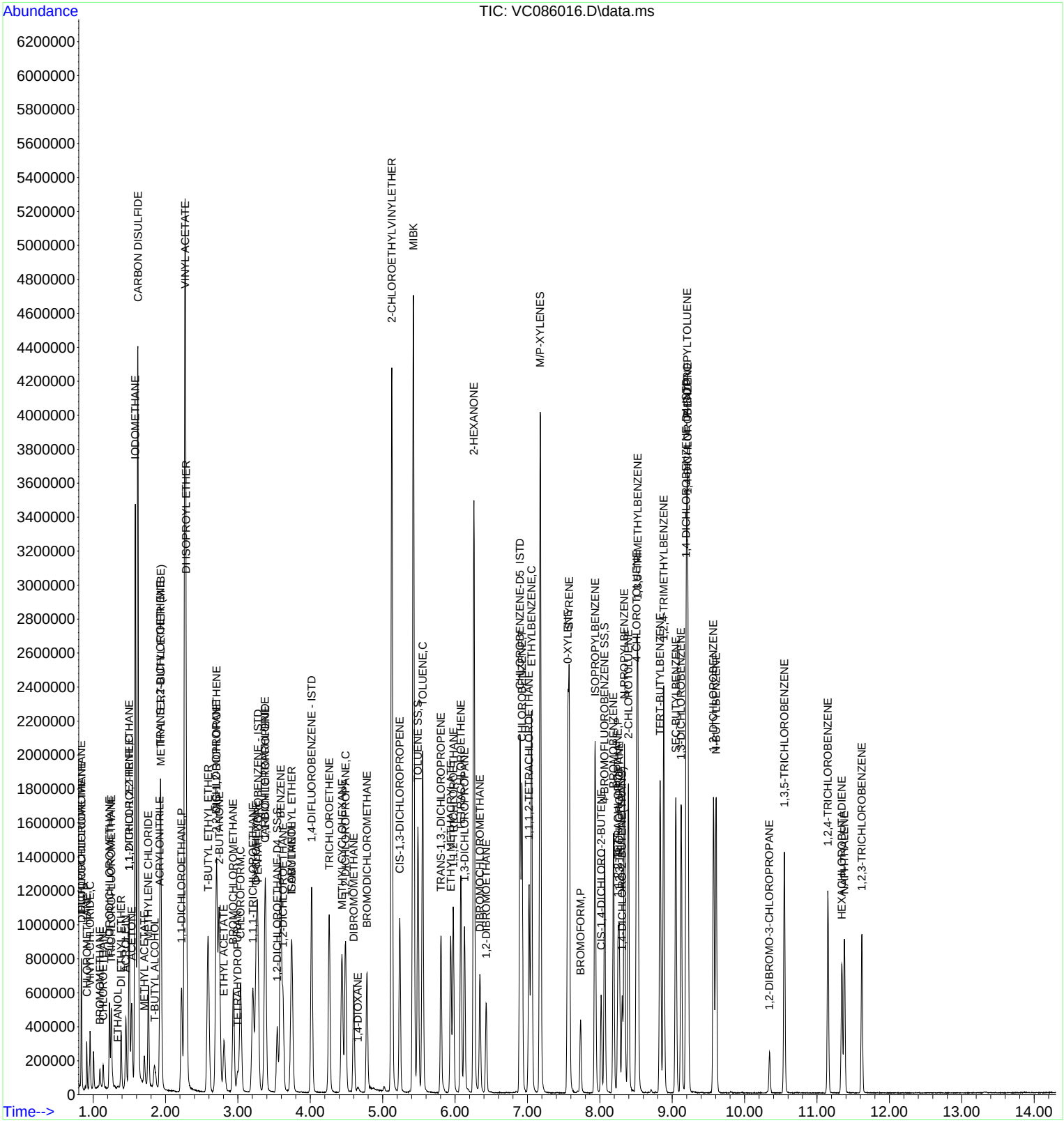
Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46) ISOBUTANOL	3.743	41	90949	208.97 UG/L		87
47) T-AMYLMETHYL ETHER	3.743	73	741074	25.33 UG/L		95
50) 1,2-DICHLOROETHANE	3.623	62	429354	16.78 UG/L	#	93
51) TRICHLOROETHENE	4.262	95	305238	21.86 UG/L		87
52) METHYLCYCLOHEXANE	4.438	83	321198	21.70 UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	303592	23.82 UG/L	#	92
54) DIBROMOMETHANE	4.602	93	197870	21.53 UG/L		90
55) METHYL METHACRYLATE	0.000		0	N.D. d		
56) 1,4-DIOXANE	4.658	88	20994m	301.70 UG/L		
57) BROMODICHLOROMETHANE	4.783	83	381464	19.86 UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	1568336	229.55 UG/L		89
59) MIBK	5.425	43	2918561	316.80 UG/L	#	90
60) CIS-1,3-DICHLOROPROPENE	5.235	75	469342	24.75 UG/L		92
61) TOLUENE	5.553	91	1230879	22.83 UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	394328	26.21 UG/L	#	89
63) ETHYL METHACRYLATE	5.941	69	380507	14.16 UG/L		94
64) 1,1,2-TRICHLOROETHANE	5.977	97	277657	25.18 UG/L		96
65) 2-HEXANONE	6.261	43	2035325	323.08 UG/L		94
66) TETRACHLOROETHENE	6.080	166	335422	25.39 UG/L		96
67) 1,3-DICHLOROPROPANE	6.130	76	444937	23.14 UG/L		99
68) DIBROMOCHLOROMETHANE	6.345	129	299672	24.81 UG/L		100
69) 1,2-DIBROMOETHANE	6.429	107	294664	25.25 UG/L		100
72) CHLOROBENZENE	6.925	112	827838	27.78 UG/L		91
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	287651	30.72 UG/L		98
74) ETHYLBENZENE	7.056	91	1412929	26.15 UG/L		99
75) M/P-XYLENES	7.176	91	2094387	48.89 UG/L		97
76) 0-XYLENE	7.558	91	1059672	25.34 UG/L		96
77) STYRENE	7.578	104	936248	27.52 UG/L		86
78) BROMOFORM	7.734	173	165185	29.46 UG/L		98
79) ISOPROPYLBENZENE	7.935	105	1216735	26.03 UG/L		93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	106102	25.80 UG/L		87
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	347453	29.81 UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	110068	30.06 UG/L		87
83) BROMOBENZENE	8.188	77	517310	23.20 UG/L		87
84) 1,2,3-TRICHLOROPROPANE	8.269	75	264109	25.38 UG/L		92
85) N-PROPYLBENZENE	8.339	91	1406412	26.99 UG/L		96
86) 2-CHLOROT0LUENE	8.395	91	906969	25.21 UG/L		93
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	1101615	25.09 UG/L		90
88) 4-CHLOROTOLUENE	8.509	91	1032150	24.36 UG/L		93
90) TERT-BUTYLBENZENE	8.832	119	830068	22.32 UG/L		85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	1115476	20.50 UG/L		91
92) SEC-BUTYLBENZENE	9.050	105	1107709	21.26 UG/L		93
93) 1,3-DICHLOROBENZENE	9.123	146	625145	23.42 UG/L		96
94) P-ISOPROPYLTOLUENE	9.206	119	987112	22.46 UG/L		93
95) 1,4-DICHLOROBENZENE	9.215	146	683543	22.25 UG/L		98
96) N-BUTYLBENZENE	9.605	91	866428	21.78 UG/L		94
97) 1,2-DICHLOROBENZENE	9.569	146	627019	23.60 UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	43528	17.80 UG/L	#	73
99) 1,3,5-TRICHLOROBENZENE	10.550	180	389990	20.75 UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	316009	21.46 UG/L		100
101) HEXACHLOROBUTADIENE	11.342	225	141858	21.15 UG/L		99
102) NAPHTHALENE	11.379	128	620788	21.55 UG/L	#	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	252571	22.48 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	574567	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	922938	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482198	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	524863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	231211	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.489	98	845335	23.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.72%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	407734	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	592266	40.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	852332	55.24	UG/L	#	85
5) CHLOROMETHANE	0.913	50	412345	43.38	UG/L		97
6) VINYL CHLORIDE	0.960	62	500471	36.65	UG/L		99
7) BROMOMETHANE	1.099	94	228019	28.22	UG/L		98
8) CHLOROETHANE	1.144	64	222657	32.70	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	762110	32.99	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	718437	35.24	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	320364	36.94	UG/L		94
13) ACROLEIN	1.454	56	568759	9391.63	UG/L	#	1
14) ACETONE	1.532	43	916922	364.78	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	621547	31.04	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	358813	36.20	UG/L		85
17) IODOMETHANE	1.585	142	5743002	288.27	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	251464	20.85	UG/L		94
21) T-BUTYL ALCOHOL	1.844	59	273561	388.99	UG/L	#	97
22) ACRYLONITRILE	1.919	53	230625	72.06	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	566783	36.36	UG/L		92
24) CARBON DISULFIDE	1.621	76	7113732	209.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	1491984	54.88	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	992998	52.78	UG/L		89
27) 1,1-DICHLOROETHANE	2.223	63	1216278	55.14	UG/L		99
28) VINYL ACETATE	2.271	43	13265398	689.86	UG/L		97
29) DI ISOPROYL ETHER	2.287	45	2159468	69.40	UG/L	#	85
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	2646071	697.72	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	1976998	56.78	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	1165115	50.68	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	815397	53.85	UG/L	#	90
35) ETHYL ACETATE	2.809	43	656171	63.99	UG/L		95
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	670037	67.86	UG/L		94
39) TETRAHYDROFURAN	2.996	42	161563	76.42	UG/L	#	80
40) CHLOROFORM	3.040	83	1157852	51.36	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	1075420	53.04	UG/L		95
42) CYCLOHEXANE	3.258	56	1111387	60.99	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	895216	59.66	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	871839	49.73	UG/L		94
45) BENZENE	3.593	78	2574925	57.33	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

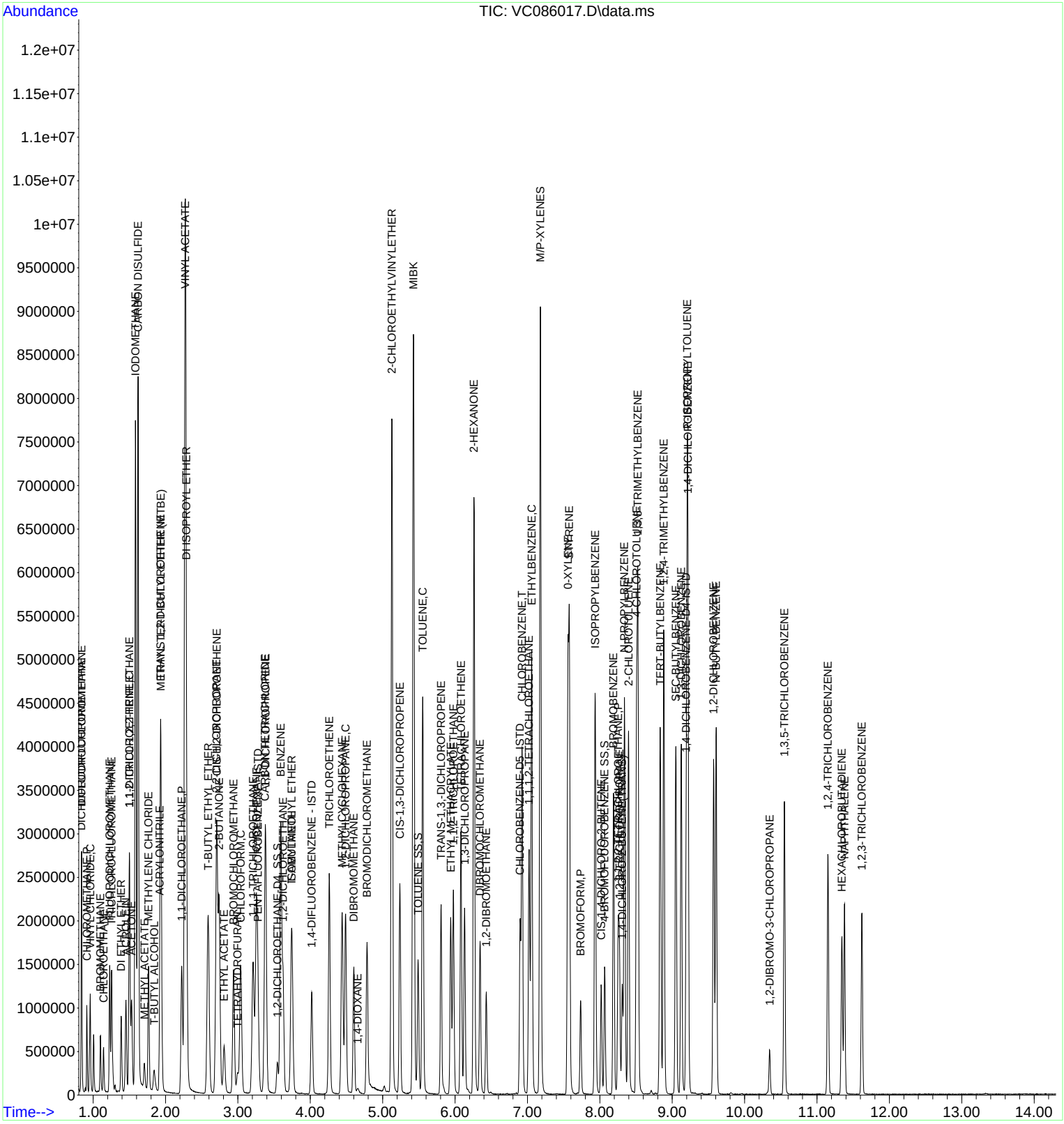
Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	3.743	41	194398	467.78 UG/L	85
47) T-AMYLMETHYL ETHER	3.740	73	1588036	56.83 UG/L	96
50) 1,2-DICHLOROETHANE	3.623	62	986401	39.77 UG/L #	92
51) TRICHLOROETHENE	4.262	95	724511	53.53 UG/L	87
52) METHYLCYCLOHEXANE	4.440	83	808695	56.35 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	700035	56.67 UG/L #	92
54) DIBROMOMETHANE	4.602	93	450010	50.51 UG/L	90
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.655	88	39427	584.54 UG/L #	8
57) BROMODICHLOROMETHANE	4.783	83	945133	50.77 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	2923089	441.39 UG/L	90
59) MIBK	5.425	43	5536472	620.00 UG/L #	91
60) CIS-1,3-DICHLOROPROPENE	5.238	75	1106928	60.22 UG/L	92
61) TOLUENE	5.553	91	2840448	54.35 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	906286	62.16 UG/L #	89
63) ETHYL METHACRYLATE	5.941	69	833619	32.00 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	610976	57.17 UG/L	96
65) 2-HEXANONE	6.261	43	3866296	633.15 UG/L	94
66) TETRACHLOROETHENE	6.083	166	777463	60.71 UG/L	96
67) 1,3-DICHLOROPROPANE	6.133	76	972920	52.20 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	754694	64.46 UG/L	99
69) 1,2-DIBROMOETHANE	6.431	107	643335	56.88 UG/L	99
72) CHLOROBENZENE	6.925	112	1893736	65.63 UG/L	90
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	695665	76.73 UG/L	97
74) ETHYLBENZENE	7.059	91	3198196	61.13 UG/L	98
75) M/P-XYLENES	7.179	91	4673707	112.67 UG/L	96
76) 0-XYLENE	7.561	91	2379920	58.78 UG/L	95
77) STYRENE	7.577	104	2113959	64.18 UG/L	87
78) BROMOFORM	7.734	173	414737	76.38 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	2764386	61.06 UG/L	93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	237265	59.59 UG/L	88
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	705353	62.51 UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	243986	68.82 UG/L	89
83) BROMOBENZENE	8.188	77	1176782	54.51 UG/L	85
84) 1,2,3-TRICHLOROPROPANE	8.272	75	532403	52.84 UG/L	92
85) N-PROPYLBENZENE	8.339	91	3183035	63.08 UG/L	95
86) 2-CHLOROT0LUENE	8.397	91	2046229	58.73 UG/L	92
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	2490853	58.59 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	2353964	57.38 UG/L	92
90) TERT-BUTYLBENZENE	8.835	119	1907128	53.15 UG/L	85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	2553717	48.64 UG/L	91
92) SEC-BUTYLBENZENE	9.050	105	2558987	50.91 UG/L	93
93) 1,3-DICHLOROBENZENE	9.125	146	1441361	55.95 UG/L	97
94) P-ISOPROPYLTOLUENE	9.206	119	2229491	52.57 UG/L	93
95) 1,4-DICHLOROBENZENE	9.217	146	1535760	51.80 UG/L	98
96) N-BUTYLBENZENE	9.608	91	1971600	51.36 UG/L	92
97) 1,2-DICHLOROBENZENE	9.571	146	1400825	54.63 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	93390	39.57 UG/L #	66
99) 1,3,5-TRICHLOROBENZENE	10.550	180	946430	52.19 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	737464	51.90 UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	341224	52.73 UG/L	98
102) NAPHTHALENE	11.381	128	1403404	50.49 UG/L #	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	564101	52.04 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	608347	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	980979	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	507339	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543860	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	248229	15.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 63.48%#				
49) TOLUENE SS	5.492	98	893391	23.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.20%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	428926	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	1078320	69.18	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	1632350	99.92	UG/L	#	86
5) CHLOROMETHANE	0.913	50	876763	87.12	UG/L		97
6) VINYL CHLORIDE	0.960	62	985638	68.17	UG/L		99
7) BROMOMETHANE	1.100	94	507641	59.76	UG/L		99
8) CHLOROETHANE	1.144	64	435385	60.38	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	1519498	62.12	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	1433559	66.40	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	676889	73.72	UG/L		94
13) ACROLEIN	1.454	56	1281100	19997.24	UG/L	#	1
14) ACETONE	1.532	43	2075374	779.81	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	1232845	58.14	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	702426	66.93	UG/L	#	82
17) IODOMETHANE	1.585	142	10209064	480.16	UG/L		97
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	568391	44.51	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	674488	905.84	UG/L		98
22) ACRYLONITRILE	1.920	53	502772	148.37	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	1137929	68.95	UG/L		91
24) CARBON DISULFIDE	0.000		0	N.D.	d		
25) METHYL TERT-BUTYL ETHE...	1.939	73	3123156	108.50	UG/L		94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	1958901	98.33	UG/L		90
27) 1,1-DICHLOROETHANE	2.223	63	2455953	105.16	UG/L		100
28) VINYL ACETATE	0.000		0	N.D.	d		
29) DI ISOPROYL ETHER	2.290	45	3919032	118.95	UG/L	#	87
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	5921590	1474.71	UG/L		94
32) T-BUTYL ETHYL ETHER	2.589	59	4035644	109.47	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	2345754	96.37	UG/L	#	85
34) 2,2-DICHLOROPROPANE	2.703	77	1660505	103.58	UG/L	#	90
35) ETHYL ACETATE	2.812	43	1545786	142.36	UG/L		94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	1368805	130.93	UG/L		95
39) TETRAHYDROFURAN	2.996	42	380234	169.87	UG/L	#	83
40) CHLOROFORM	3.041	83	2418360	101.32	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	2272951	105.87	UG/L		94
42) CYCLOHEXANE	3.258	56	2244202	116.32	UG/L		95
43) CARBON TETRACHLORIDE	3.378	117	1906147	119.97	UG/L		96
44) 1,1-DICHLOROPROPENE	3.386	75	1764303	95.04	UG/L	#	94
45) BENZENE	3.593	78	5201430	109.38	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

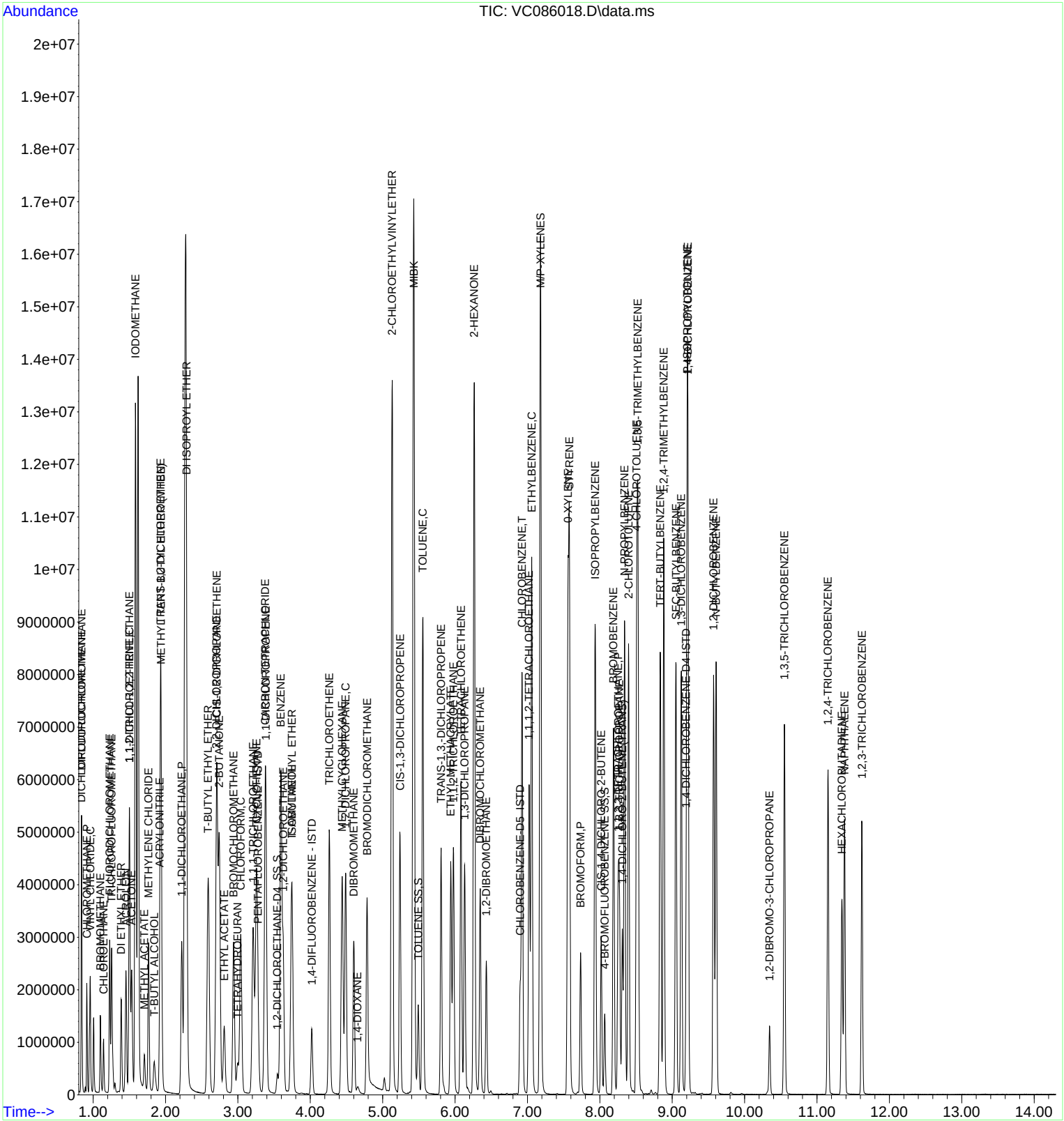
	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	3.746	41	418654	951.47 UG/L	#	82
47)	T-AMYLMETHYL ETHER	3.746	73	3409223	115.24 UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	2079608	78.89 UG/L	#	92
51)	TRICHLOROETHENE	4.262	95	1470306	102.21 UG/L		86
52)	METHYLCYCLOHEXANE	4.440	83	1624893	106.53 UG/L		98
53)	1,2-DICHLOROPROPANE	4.488	63	1437397	109.48 UG/L	#	92
54)	DIBROMOMETHANE	4.599	93	942202	99.51 UG/L		90
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	91898	1281.85 UG/L	#	6
57)	BROMODICHLOROMETHANE	4.786	83	2019574	102.07 UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.132	63	5521158	784.38 UG/L		90
59)	MIBK	5.430	43	11163877	1176.21 UG/L		93
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	2295783	117.50 UG/L	#	91
61)	TOLUENE	5.556	91	5672482	102.13 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	1974942	127.43 UG/L	#	89
63)	ETHYL METHACRYLATE	5.941	69	1834206	66.25 UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.977	97	1295250	114.02 UG/L		96
65)	2-HEXANONE	6.264	43	8144363	1254.82 UG/L		96
66)	TETRACHLOROETHENE	6.083	166	1561867	114.74 UG/L		96
67)	1,3-DICHLOROPROPANE	6.133	76	2031223	102.54 UG/L		100
68)	DIBROMOCHLOROMETHANE	6.348	129	1702679	136.82 UG/L		100
69)	1,2-DIBROMOETHANE	6.432	107	1368020	113.79 UG/L		100
72)	CHLOROBENZENE	6.925	112	3814456	125.64 UG/L		90
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	1491968	156.41 UG/L		98
74)	ETHYLBENZENE	7.059	91	6372797	115.77 UG/L		98
75)	M/P-XYLENES	7.182	91	9003954	206.30 UG/L		97
76)	0-XYLENE	7.561	91	4758640	111.70 UG/L		95
77)	STYRENE	7.580	104	4186145	120.80 UG/L		88
78)	BROMOFORM	7.734	173	1033560	180.92 UG/L		98
79)	ISOPROPYLBENZENE	7.935	105	5575132	117.05 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	548911	131.02 UG/L	#	88
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	1553346	130.83 UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	563766	151.14 UG/L		93
83)	BROMOBENZENE	8.188	77	2398348	105.60 UG/L		85
84)	1,2,3-TRICHLOROPROPANE	8.269	75	1165947	109.97 UG/L		90
85)	N-PROPYLBENZENE	8.342	91	6363496	119.86 UG/L		95
86)	2-CHLOROT0LUENE	8.398	91	4109651	112.10 UG/L		92
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	4914827	109.88 UG/L		91
88)	4-CHLOROTOLUENE	8.509	91	4639531	107.49 UG/L		92
90)	TERT-BUTYLBENZENE	8.835	119	3844874	103.41 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	5070718	93.20 UG/L		92
92)	SEC-BUTYLBENZENE	9.053	105	5132606	98.55 UG/L		92
93)	1,3-DICHLOROBENZENE	9.125	146	2953145	110.63 UG/L		97
94)	P-ISOPROPYLTOLUENE	9.206	119	4417579	100.53 UG/L		94
95)	1,4-DICHLOROBENZENE	9.217	146	3085073	100.42 UG/L		98
96)	N-BUTYLBENZENE	9.605	91	4004521	100.67 UG/L		92
97)	1,2-DICHLOROBENZENE	9.572	146	2907358	109.43 UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.344	75	244068	99.80 UG/L	#	69
99)	1,3,5-TRICHLOROBENZENE	10.550	180	1948410	103.68 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	1669561	113.39 UG/L		99
101)	HEXACHLOROBUTADIENE	11.345	225	695378	103.70 UG/L		98
102)	NAPHTHALENE	11.381	128	3560975	123.64 UG/L		98
103)	1,2,3-TRICHLOROBENZENE	11.621	180	1360740	121.14 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.278	168	582501	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	968219	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	502272	30.00 UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	529128	30.00 UG/L	0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241899	16.15 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 64.60%#		
49) TOLUENE SS	5.495	98	884008	23.11 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%		
71) 4-BROMOFLUOROBENZENE SS	8.068	95	431602	28.47 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.88%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	1842263	123.43 UG/L	100
4) DIFLUOROCHLOROMETHANE	0.840	51	2852016	182.32 UG/L #	87
5) CHLOROMETHANE	0.913	50	1769040	183.58 UG/L	98
6) VINYL CHLORIDE	0.957	62	1804864	130.38 UG/L	99
7) BROMOMETHANE	1.097	94	898501	110.80 UG/L	99
8) CHLOROETHANE	1.141	64	757558	109.73 UG/L	97
9) FLUORODICHLOROMETHANE	1.228	67	2820601	120.42 UG/L	97
10) TRICHLOROFLUOROMETHANE	1.253	101	2681524	129.72 UG/L	100
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	1227951	139.67 UG/L	95
13) ACROLEIN	1.454	56	2196764	35824.16 UG/L #	1
14) ACETONE	1.532	43	3436712	1348.61 UG/L	98
15) 1,1-DICHLOROETHENE	1.501	61	2267669	111.70 UG/L	91
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	1324709	131.83 UG/L	82
17) IODOMETHANE	0.000		0	N.D.	
18) ACETONITRILE	0.000		0	N.D. d	
19) ALLYL CHLORIDE	0.000		0	N.D. d	
20) METHYL ACETATE	1.708	43	985634	80.60 UG/L	94
21) T-BUTYL ALCOHOL	1.844	59	1151087	1614.50 UG/L	98
22) ACRYLONITRILE	1.920	53	834426	257.17 UG/L	98
23) METHYLENE CHLORIDE	1.766	49	2103393	133.11 UG/L	93
24) CARBON DISULFIDE	0.000		0	N.D.	
25) METHYL TERT-BUTYL ETHE...	1.939	73	5523870	200.42 UG/L	94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	3519952	184.53 UG/L	89
27) 1,1-DICHLOROETHANE	2.223	63	4623062	206.74 UG/L	100
28) VINYL ACETATE	0.000		0	N.D. d	
29) DI ISOPROYL ETHER	2.293	45	6322453	200.41 UG/L	90
30) CHLOROPRENE	0.000		0	N.D. d	
31) 2-BUTANONE	2.745	43	9645471	2508.69 UG/L	95
32) T-BUTYL ETHYL ETHER	2.592	59	7549863	213.88 UG/L	97
33) CIS-1,2-DICHLOROETHENE	2.709	61	4292931	184.20 UG/L #	85
34) 2,2-DICHLOROPROPANE	2.706	77	3258600	212.28 UG/L #	91
35) ETHYL ACETATE	2.812	43	2766424	266.09 UG/L	93
36) PROPIONITRILE	0.000		0	N.D. d	
37) METHACRYLONITRILE	0.000		0	N.D. d	
38) BROMOCHLOROMETHANE	2.940	49	2434710	243.22 UG/L	96
39) TETRAHYDROFURAN	2.993	42	655561	305.87 UG/L #	83
40) CHLOROFORM	3.041	83	4648834	203.40 UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.211	97	4412157	214.63 UG/L	94
42) CYCLOHEXANE	3.258	56	4157749	225.06 UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	3734019	245.44 UG/L	96
44) 1,1-DICHLOROPROPENE	3.386	75	3275179	184.26 UG/L #	94
45) BENZENE	3.595	78	9559341	209.95 UG/L	99

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

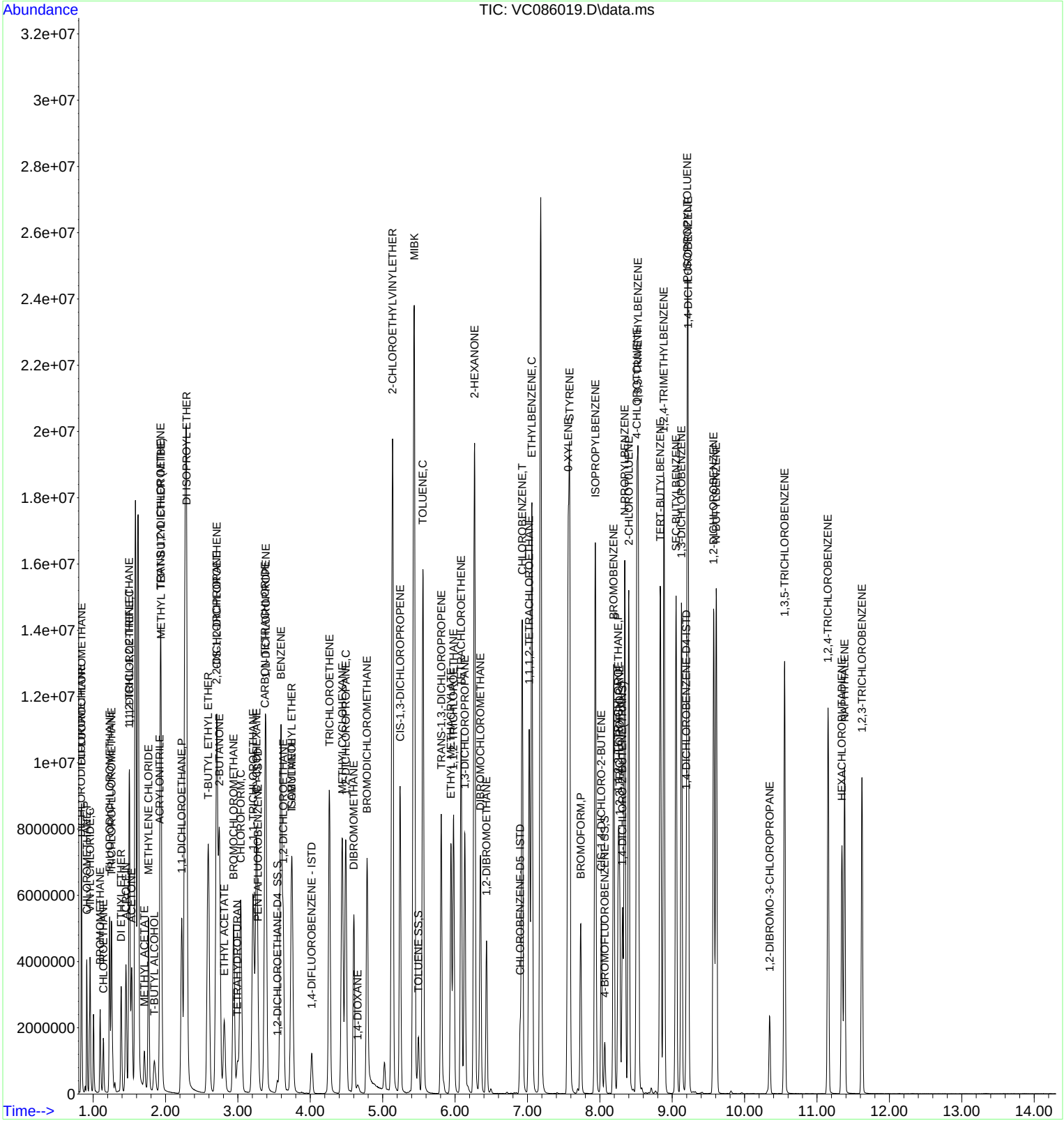
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	ISOBUTANOL	3.743	41	754991	1791.99	UG/L	#	83
47)	T-AMYLMETHYL ETHER	3.743	73	6227710	219.85	UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	3854060	148.13	UG/L	#	93
51)	TRICHLOROETHENE	4.265	95	2807574	197.74	UG/L		86
52)	METHYLCYCLOHEXANE	4.443	83	3110531	206.62	UG/L		97
53)	1,2-DICHLOROPROPANE	4.491	63	2726448	210.40	UG/L	#	92
54)	DIBROMOMETHANE	4.602	93	1735962	185.75	UG/L		89
55)	METHYL METHACRYLATE	0.000		0	N.D.	d		
56)	1,4-DIOXANE	4.655	88	175464m	2479.74	UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	3919950	200.73	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.138	63	8870171	1276.77	UG/L		91
59)	MIBK	5.436	43	16241018	1733.68	UG/L		95
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	4270457	221.45	UG/L	#	91
61)	TOLUENE	5.556	91	10248509	186.94	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.810	75	3697044	241.70	UG/L	#	88
63)	ETHYL METHACRYLATE	5.944	69	3130594	114.57	UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.980	97	2348667	209.47	UG/L		97
65)	2-HEXANONE	6.270	43	12176594	1900.80	UG/L		97
66)	TETRACHLOROETHENE	6.083	166	2947629	219.40	UG/L		96
67)	1,3-DICHLOROPROPANE	6.136	76	3679597	188.20	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.351	129	3302045	268.84	UG/L		100
69)	1,2-DIBROMOETHANE	6.434	107	2522209	212.56	UG/L		100
72)	CHLOROBENZENE	6.928	112	7022022	233.62	UG/L		90
73)	1,1,1,2-TETRACHLOROETHANE	7.026	131	2874379	304.38	UG/L		98
74)	ETHYLBENZENE	7.062	91	11469063	210.46	UG/L		97
75)	M/P-XYLENES	0.000		0	N.D.	d		
76)	0-XYLENE	7.564	91	8604049	204.00	UG/L		95
77)	STYRENE	7.583	104	7425536	216.43	UG/L		89
78)	BROMOFORM	7.737	173	2030230	358.96	UG/L		99
79)	ISOPROPYLBENZENE	7.937	105	10124664	214.71	UG/L		92
80)	CIS-1,4-DICHLORO-2-BUTENE	8.021	53	1011950	243.98	UG/L	#	90
81)	1,1,2,2-TETRACHLOROETHANE	8.255	83	2722108	231.58	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	1047997	283.80	UG/L		95
83)	BROMOBENZENE	8.191	77	4403618	195.84	UG/L	#	84
84)	1,2,3-TRICHLOROPROPANE	8.272	75	2062792	196.53	UG/L		90
85)	N-PROPYLBENZENE	8.345	91	11608807	220.87	UG/L		93
86)	2-CHLOROT0LUENE	8.400	91	7524550	207.32	UG/L		91
87)	1,3,5-TRIMETHYLBENZENE	8.529	105	8852018	199.91	UG/L		91
88)	4-CHLOROTOLUENE	8.512	91	8407760	196.76	UG/L		92
90)	TERT-BUTYLBENZENE	8.835	119	7192309	198.82	UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.886	105	9273310	175.20	UG/L		91
92)	SEC-BUTYLBENZENE	9.053	105	9509801	187.67	UG/L	#	92
93)	1,3-DICHLOROBENZENE	9.128	146	5549879	213.70	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.209	119	7967657	186.37	UG/L		93
95)	1,4-DICHLOROBENZENE	9.220	146	5555939	185.89	UG/L		98
96)	N-BUTYLBENZENE	9.608	91	7481998	193.33	UG/L		91
97)	1,2-DICHLOROBENZENE	9.572	146	5382759	208.25	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	462124	194.23	UG/L	#	69
99)	1,3,5-TRICHLOROBENZENE	10.553	180	3710744	202.96	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	3163647	220.85	UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	1400106	214.62	UG/L		97
102)	NAPHTHALENE	11.381	128	6588685	235.14	UG/L		98
103)	1,2,3-TRICHLOROBENZENE	11.621	180	2575274	235.64	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	590059	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	913957	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	492142	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	519015	30.00	UG/L #	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	232832	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%			
49) TOLUENE SS	5.486	98	856410	25.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	404111	24.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	135547	19.73	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.840	51	194994	13.58	UG/L	99
5) CHLOROMETHANE	0.913	50	101748	14.88	UG/L	99
6) VINYL CHLORIDE	0.960	62	95598	10.97	UG/L	99
7) BROMOMETHANE	1.100	94	35853	8.75	UG/L	96
8) CHLOROETHANE	1.144	64	46719	11.44	UG/L	95
9) FLUORODICHLOROMETHANE	1.228	67	151332	10.51	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.253	101	145980	10.91	UG/L	98
11) ETHANOL	0.000		0	N.D. d		
12) DI ETHYL ETHER	1.387	59	62362	9.45	UG/L	97
13) ACROLEIN	1.454	56	84866	78.55	UG/L	99
14) ACETONE	1.529	43	192976	95.25	UG/L	100
15) 1,1-DICHLOROETHENE	1.501	61	130492	11.08	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	77133	11.79	UG/L	98
17) IODOMETHANE	1.585	142	175545	14.81	UG/L	95
18) ACETONITRILE	1.694	41	109121	No Calib	#	
19) ALLYL CHLORIDE	1.694	76	38391	No Calib		
20) METHYL ACETATE	1.708	43	63239	11.02	UG/L	97
21) T-BUTYL ALCOHOL	1.841	59	41777	68.34	UG/L #	81
22) ACRYLONITRILE	1.920	53	48182	9.87	UG/L	97
23) METHYLENE CHLORIDE	1.766	49	126155	10.28	UG/L	97
24) CARBON DISULFIDE	1.618	76	241972	12.64	UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	327700	11.04	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	206549	10.72	UG/L	99
27) 1,1-DICHLOROETHANE	2.221	63	261371	11.01	UG/L	99
28) VINYL ACETATE	2.271	43	2792384	92.47	UG/L #	95
29) DI ISOPROYL ETHER	2.282	45	502357	11.58	UG/L	92
30) CHLOROPRENE	2.271	53	940	No Calib	#	
31) 2-BUTANONE	2.739	43	498803	91.71	UG/L	98
32) T-BUTYL ETHYL ETHER	2.586	59	405396	10.66	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.706	61	229239	9.95	UG/L	100
34) 2,2-DICHLOROPROPANE	2.700	77	161080	10.06	UG/L	99
35) ETHYL ACETATE	2.812	43	117554	7.84	UG/L	98
36) PROPIONITRILE	2.798	54	13809	No Calib	#	
37) METHACRYLONITRILE	2.949	41	71994	No Calib	#	
38) BROMOCHLOROMETHANE	2.940	49	143549	10.75	UG/L	93
39) TETRAHYDROFURAN	2.993	42	33353	9.59	UG/L #	79
40) CHLOROFORM	3.038	83	245734	10.74	UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.208	97	218782	10.68	UG/L	99
42) CYCLOHEXANE	3.252	56	252003	11.50	UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	172222	10.36	UG/L	99
44) 1,1-DICHLOROPROPENE	3.384	75	186249	11.08	UG/L	99
45) BENZENE	3.593	78	552009	10.92	UG/L	98

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

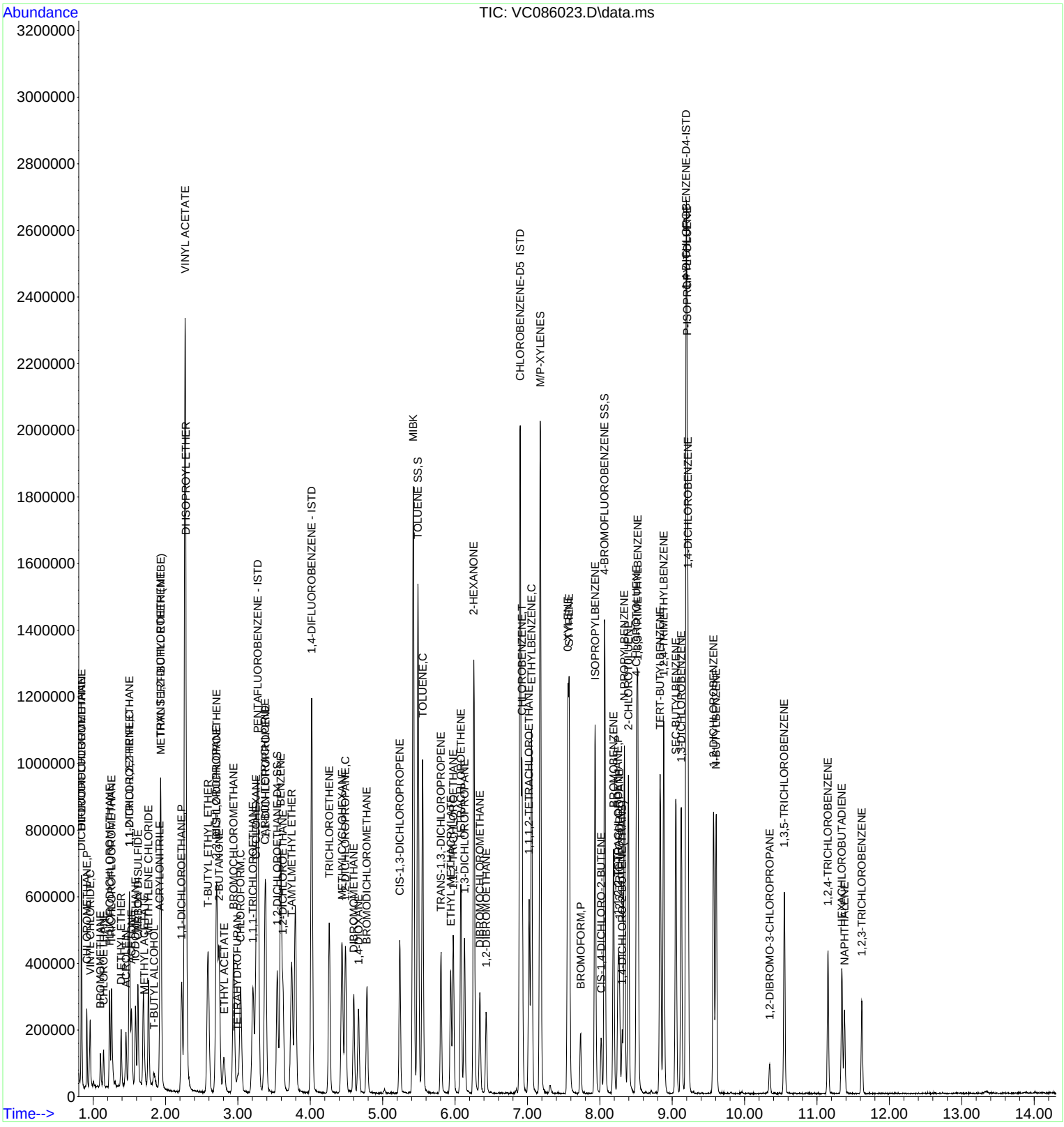
	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	3.740	41	39955	No Calib	#	
47)	T-AMYLMETHYL ETHER	3.743	73	319002	10.10 UG/L		100
50)	1,2-DICHLOROETHANE	3.621	62	208736	10.92 UG/L		100
51)	TRICHLOROETHENE	4.262	95	148170	10.63 UG/L		99
52)	METHYLCYCLOHEXANE	4.440	83	171235	11.40 UG/L		99
53)	1,2-DICHLOROPROPANE	4.485	63	142263	10.32 UG/L		97
54)	DIBROMOMETHANE	4.599	93	92237	10.58 UG/L		97
55)	METHYL METHACRYLATE	4.664	41	111264	No Calib	#	
56)	1,4-DIOXANE	4.666	88	6131m	72.64 UG/L		
57)	BROMODICHLOROMETHANE	4.781	83	169618	10.21 UG/L		100
58)	2-CHLOROETHYLVINYLETHER	0.000		0	N.D. d		
59)	MIBK	5.422	43	1125240	95.69 UG/L		94
60)	CIS-1,3-DICHLOROPROPENE	5.235	75	205403	10.27 UG/L		97
61)	TOLUENE	5.553	91	612176	11.05 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.804	75	175904	10.79 UG/L		100
63)	ETHYL METHACRYLATE	5.941	69	151059	9.54 UG/L		100
64)	1,1,2-TRICHLOROETHANE	5.974	97	125215	10.40 UG/L		96
65)	2-HEXANONE	6.259	43	747341	97.14 UG/L		96
66)	TETRACHLOROETHENE	6.080	166	163494	10.92 UG/L		98
67)	1,3-DICHLOROPROPANE	6.130	76	203927	10.71 UG/L		99
68)	DIBROMOCHLOROMETHANE	6.342	129	127328	12.03 UG/L		98
69)	1,2-DIBROMOETHANE	6.429	107	132224	10.57 UG/L		99
72)	CHLOROBENZENE	6.925	112	432334	11.34 UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	137030	10.99 UG/L		99
74)	ETHYLBENZENE	7.056	91	682758	10.71 UG/L		99
75)	M/P-XYLENES	7.179	91	1062155	21.88 UG/L		98
76)	0-XYLENE	7.558	91	557991	11.55 UG/L		100
77)	STYRENE	7.578	104	454617	10.86 UG/L		97
78)	BROMOFORM	7.737	173	68513	13.00 UG/L		99
79)	ISOPROPYLBENZENE	7.935	105	627739	11.37 UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	33317	6.95 UG/L		82
81)	1,1,2,2-TETRACHLOROETHANE	8.253	83	148025	10.29 UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	36779	7.52 UG/L	#	83
83)	BROMOBENZENE	8.191	77	251307	10.48 UG/L		96
84)	1,2,3-TRICHLOROPROPANE	8.269	75	110998	9.98 UG/L		97
85)	N-PROPYLBENZENE	8.339	91	713122	11.40 UG/L		97
86)	2-CHLOROT0LUENE	8.395	91	456088	11.12 UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	510977	10.40 UG/L		100
88)	4-CHLOROTOLUENE	8.506	91	532561	11.44 UG/L		100
90)	TERT-BUTYLBENZENE	8.833	119	425230	11.20 UG/L		100
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	526133	10.47 UG/L		99
92)	SEC-BUTYLBENZENE	9.050	105	570025	11.35 UG/L		99
93)	1,3-DICHLOROBENZENE	9.125	146	317920	11.20 UG/L		99
94)	P-ISOPROPYLTOLUENE	9.206	119	485589	11.10 UG/L		100
95)	1,4-DICHLOROBENZENE	9.217	146	323110	10.42 UG/L		98
96)	N-BUTYLBENZENE	9.608	91	399961	11.00 UG/L		97
97)	1,2-DICHLOROBENZENE	9.572	146	307598	11.13 UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	16403	9.54 UG/L		94
99)	1,3,5-TRICHLOROBENZENE	10.548	180	167702	9.24 UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.153	180	106779	8.53 UG/L		97
101)	HEXACHLOROBUTADIENE	11.345	225	64835	9.93 UG/L		97
102)	NAPHTHALENE	11.381	128	164972	8.26 UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.618	180	73606	8.52 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	109	0.1030032	0.111999		8.7	20	
Acrylonitrile	A	10.0	9.51	0.2481854	0.2359217		-4.9	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.606343	1.692151		5.3	20	
Benzene	A	10.0	10.9	2.571233	2.813271		9.4	20	
Bromobenzene	A	10.0	10.7	1.462006	1.563607		6.9	20	
Bromochloromethane	A	10.0	11.0	0.6789636	0.7471178		10.0	20	
Bromodichloromethane	A	10.0	9.91	0.5452682	0.5403191		-0.9	20	
Bromoform	A	10.0	12.1	0.321342	0.3884255		20.9	20	*
Bromomethane	L	10.0	7.55	0.3680515	0.1609639		-24.5	20	*
2-Butanone (MEK)	A	100	96.5	0.2765387	0.2668486		-3.5	20	
tert-Butyl Alcohol (TBA)	A	100	78.3	3.108169E-02	2.433383E-02		-21.7	20	*
n-Butylbenzene	A	10.0	11.0	2.100922	2.31152		10.0	20	
sec-Butylbenzene	A	10.0	11.4	2.902096	3.321214		14.4	20	
tert-Butylbenzene	A	10.0	11.4	2.195128	2.493284		13.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.0	1.933694	2.117578		9.5	20	
Carbon Disulfide	A	100	12.2	0.9730355	0.1191586		-87.8	20	*
Carbon Tetrachloride	A	10.0	9.89	0.8450429	0.8358214		-1.1	20	
Chlorobenzene	A	10.0	11.2	2.32315	2.602175		12.0	20	
Chlorodibromomethane	A	10.0	11.4	0.3473243	0.3957011		13.9	20	
Chloroethane	A	10.0	11.4	0.2076187	0.2363387		13.8	20	
Chloroform	A	10.0	10.7	1.163696	1.241385		6.7	20	
Chloromethane	A	10.0	14.5	0.3477195	0.5037743		44.9	20	*
2-Chlorotoluene	A	10.0	11.1	2.50024	2.779194		11.2	20	
4-Chlorotoluene	A	10.0	11.5	2.837575	3.251544		14.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.21	9.870397E-02	9.034847E-02		-7.9	20	
1,2-Dibromoethane (EDB)	A	10.0	10.4	0.4107707	0.4291061		4.5	20	
Dibromomethane	A	10.0	10.4	0.2860706	0.2969186		3.8	20	
1,2-Dichlorobenzene	A	10.0	11.5	1.597415	1.838565		15.1	20	
1,3-Dichlorobenzene	A	10.0	11.5	1.641262	1.890719		15.2	20	
1,4-Dichlorobenzene	A	10.0	10.6	1.792848	1.90703		6.4	20	
trans-1,4-Dichloro-2-butene	L	10.0	7.36	0.2547239	0.2193148		-26.4	20	*
Dichlorodifluoromethane (Freon 12)	L	10.0	18.4	0.4172903	0.6446896		84.0	20	*
1,1-Dichloroethane	A	10.0	11.0	1.206503	1.332607		10.5	20	
1,2-Dichloroethane	A	10.0	10.5	0.627319	0.6605136		5.3	20	
1,1-Dichloroethylene	A	10.0	11.2	0.5988157	0.6683013		11.6	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	1.170904	1.196374		2.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.7	0.9797238	1.049715		7.1	20	
1,2-Dichloropropane	A	10.0	10.6	0.45256	0.4795258		6.0	20	
1,3-Dichloropropane	A	10.0	10.6	0.6250267	0.6634918		6.2	20	
2,2-Dichloropropane	A	10.0	9.61	0.8138662	0.7822688		-3.9	20	
1,1-Dichloropropene	A	10.0	10.9	0.8549716	0.9341216		9.3	20	
cis-1,3-Dichloropropene	A	10.0	9.85	0.6567923	0.6466842		-1.5	20	
trans-1,3-Dichloropropene	A	10.0	10.6	0.5352389	0.5687225		6.3	20	
Diethyl Ether	A	10.0	9.42	0.3356409	0.3163376		-5.8	20	
Diisopropyl Ether (DIPE)	A	10.0	11.7	2.204692	2.582586		17.1	20	
1,4-Dioxane	A	100	95.4	2.770592E-03	2.644351E-03		-4.6	20	
Ethylbenzene	A	10.0	10.7	3.887438	4.165676		7.2	20	
Hexachlorobutadiene	A	10.0	10.1	0.3774104	0.3798043		0.6	20	
2-Hexanone (MBK)	A	100	98.7	0.252538	0.2493323		-1.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	11.4	3.366944	3.842533		14.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	11.3	2.529679	2.857192		12.9	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.2	1.509584	1.683224		11.5	20
Methylene Chloride	A	10.0	11.3	0.6239754	0.7072635		13.3	20
4-Methyl-2-pentanone (MIBK)	A	100	95.4	0.3859875	0.3682757		-4.6	20
Naphthalene	L	10.0	8.27	1.263455	0.9549307		-17.3	20
n-Propylbenzene	A	10.0	11.4	3.811691	4.353741		14.2	20
Styrene	A	10.0	10.9	2.551661	2.775792		8.8	20
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.7600253	0.807333		6.2	20
1,1,2,2-Tetrachloroethane	A	10.0	9.92	0.8770334	0.8703875		-0.8	20
Tetrachloroethylene	A	10.0	10.8	0.4914294	0.5300389		7.9	20
Tetrahydrofuran	A	10.0	8.76	0.1768134	0.1549198		-12.4	20
Toluene	A	10.0	11.1	1.819296	2.013213		10.7	20
1,2,3-Trichlorobenzene	L	10.0	8.73	0.5202717	0.4407645		-12.7	20
1,2,4-Trichlorobenzene	L	10.0	8.88	0.6052513	0.6488941		-11.2	20
1,3,5-Trichlorobenzene	L	10.0	9.29	0.8128833	0.9747509		-7.1	20
1,1,1-Trichloroethane	A	10.0	10.5	1.04186	1.090873		4.7	20
1,1,2-Trichloroethane	A	10.0	10.5	0.3953447	0.4144687		4.8	20
Trichloroethylene	A	10.0	10.9	0.4576472	0.4972316		8.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.7	0.6799885	0.7268739		6.9	20
1,2,3-Trichloropropane	A	10.0	10.1	0.6778576	0.6851495		1.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	0.3325636	0.3930479		18.2	20
1,2,4-Trimethylbenzene	A	10.0	10.6	2.905379	3.086695		6.2	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.5	2.996066	3.137424		4.7	20
Vinyl Chloride	A	10.0	10.9	0.4431725	0.4814664		8.6	20
m+p Xylene	A	20.0	21.9	2.959415	3.240235		9.5	20
o-Xylene	A	10.0	11.7	2.945278	3.439996		16.8	20
1,2-Dichloroethane-d4	A	25.0	24.7	0.476943	0.4716744		-1.1	
Toluene-d8	A	25.0	25.4	1.100462	1.118038		1.6	
4-Bromofluorobenzene	A	25.0	24.6	0.9951497	0.9787205		-1.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

250

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

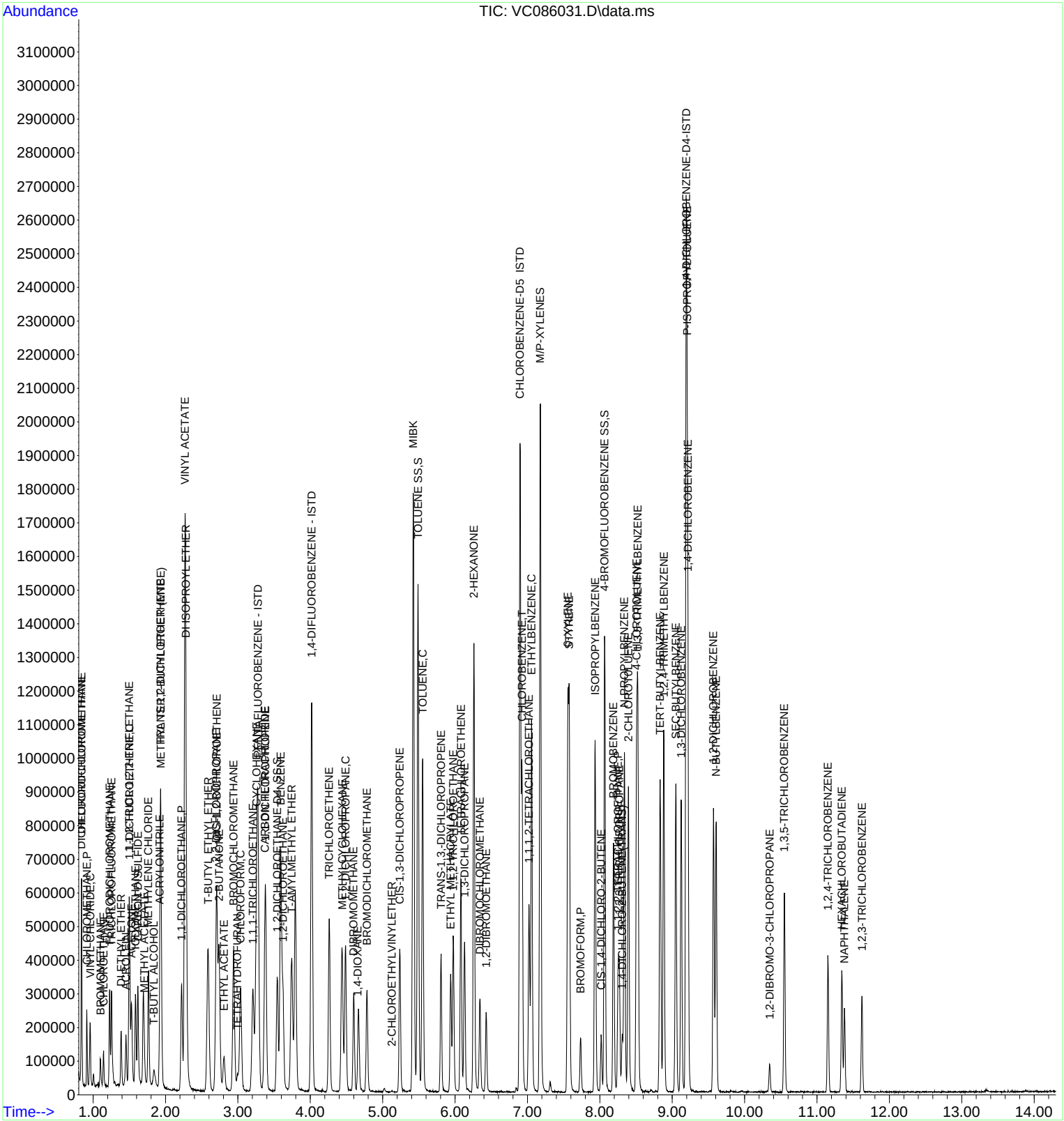
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B048557-BS1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.28	588990	3.27	96	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	898519	4.02	930510	4.02	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	480679	6.9	488427	6.9	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.19	507149	9.19	99	50 - 200	0.0000	+/-0.50	
Calibration Check (S002043-CCV1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.277	588990	3.27	96	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	898519	4.019	930510	4.02	97	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	480679	6.897	488427	6.9	98	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.195	507149	9.19	99	50 - 200	0.0050	+/-0.50	
LCS Dup (B048557-BSD1)			*Lab File ID: VC086032.D*			*Analyzed: 03/26/12 21:24*			
Pentafluorobenzene	595410	3.27	568320	3.277	105	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	942826	4.02	898519	4.019	105	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	498289	6.9	480679	6.897	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	520398	9.19	500097	9.195	104	50 - 200	-0.0050	+/-0.50	
Blank (B048557-BLK1)			*Lab File ID: VC086034.D*			*Analyzed: 03/26/12 22:24*			
Pentafluorobenzene	583399	3.28	568320	3.277	103	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	919390	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	488679	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	479968	9.19	500097	9.195	96	50 - 200	-0.0050	+/-0.50	
TB 31912-03 (12C0572-02)			*Lab File ID: VC086035.D*			*Analyzed: 03/26/12 22:54*			
Pentafluorobenzene	569223	3.28	568320	3.277	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	899010	4.02	898519	4.019	100	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	474523	6.9	480679	6.897	99	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	455942	9.2	500097	9.195	91	50 - 200	0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
RB-12319 (12C0572-09)			*Lab File ID: VC086037.D*			*Analyzed: 03/26/12 23:54*			
Pentafluorobenzene	561942	3.28	568320	3.277	99	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	881784	4.02	898519	4.019	98	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	471641	6.9	480679	6.897	98	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	448390	9.19	500097	9.195	90	50 - 200	-0.0050	+/-0.50	
MW-27-March 2012 (12C0572-01)			*Lab File ID: VC086039.D*			*Analyzed: 03/27/12 00:54*			
Pentafluorobenzene	564302	3.28	568320	3.277	99	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	898716	4.02	898519	4.019	100	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	472641	6.9	480679	6.897	98	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	444586	9.19	500097	9.195	89	50 - 200	-0.0050	+/-0.50	
PW-8-Ch4-March 2012 (12C0572-03)			*Lab File ID: VC086040.D*			*Analyzed: 03/27/12 01:24*			
Pentafluorobenzene	573881	3.27	568320	3.277	101	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	918102	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	482599	6.9	480679	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	476610	9.19	500097	9.195	95	50 - 200	-0.0050	+/-0.50	
PW-8-Ch0-March-2012 (12C0572-04)			*Lab File ID: VC086041.D*			*Analyzed: 03/27/12 01:54*			
Pentafluorobenzene	589846	3.27	568320	3.277	104	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	932079	4.02	898519	4.019	104	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	500697	6.9	480679	6.897	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	481181	9.19	500097	9.195	96	50 - 200	-0.0050	+/-0.50	
PW-8-Ch0-March-2012 2 (12C0572-05)			*Lab File ID: VC086042.D*			*Analyzed: 03/27/12 02:24*			
Pentafluorobenzene	565415	3.28	568320	3.277	99	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	912824	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	478542	6.9	480679	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	457961	9.19	500097	9.195	92	50 - 200	-0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW-11-Ch4-March-2012 (12C0572-06)			*Lab File ID: VC086043.D*			*Analyzed: 03/27/12 02:54*			
Pentafluorobenzene	584683	3.27	568320	3.277	103	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	937315	4.02	898519	4.019	104	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	490926	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	481381	9.19	500097	9.195	96	50 - 200	-0.0050	+/-0.50	
PW-11-Ch0-March-2012 (12C0572-07)			*Lab File ID: VC086044.D*			*Analyzed: 03/27/12 03:25*			
Pentafluorobenzene	577290	3.28	568320	3.277	102	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	914560	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	483017	6.9	480679	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	455856	9.19	500097	9.195	91	50 - 200	-0.0050	+/-0.50	
P2-14-March-2012 (12C0572-08)			*Lab File ID: VC086045.D*			*Analyzed: 03/27/12 03:55*			
Pentafluorobenzene	574570	3.27	568320	3.277	101	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	925437	4.02	898519	4.019	103	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	482588	6.9	480679	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	472911	9.2	500097	9.195	95	50 - 200	0.0050	+/-0.50	
Matrix Spike (B048557-MS1)			*Lab File ID: VC086051.D*			*Analyzed: 03/27/12 06:56*			
Pentafluorobenzene	568537	3.275	568320	3.277	100	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	907064	4.019	898519	4.019	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	477074	6.897	480679	6.897	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	501265	9.192	500097	9.195	100	50 - 200	-0.0030	+/-0.50	
Matrix Spike Dup (B048557-MSD1)			*Lab File ID: VC086052.D*			*Analyzed: 03/27/12 07:26*			
Pentafluorobenzene	578244	3.277	568320	3.277	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	934099	4.019	898519	4.019	104	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	493034	6.897	480679	6.897	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	508661	9.195	500097	9.195	102	50 - 200	0.0000	+/-0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

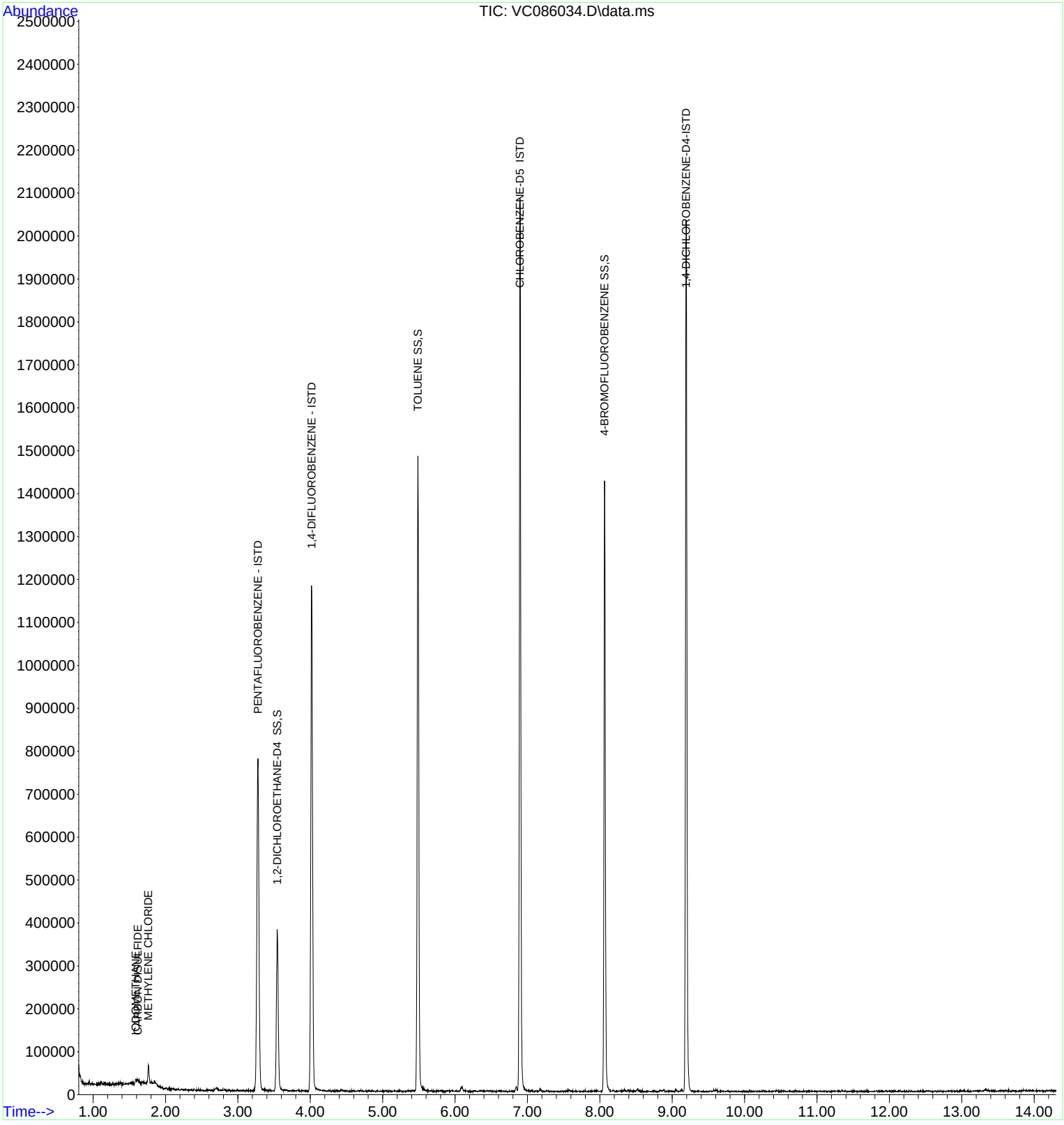
Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

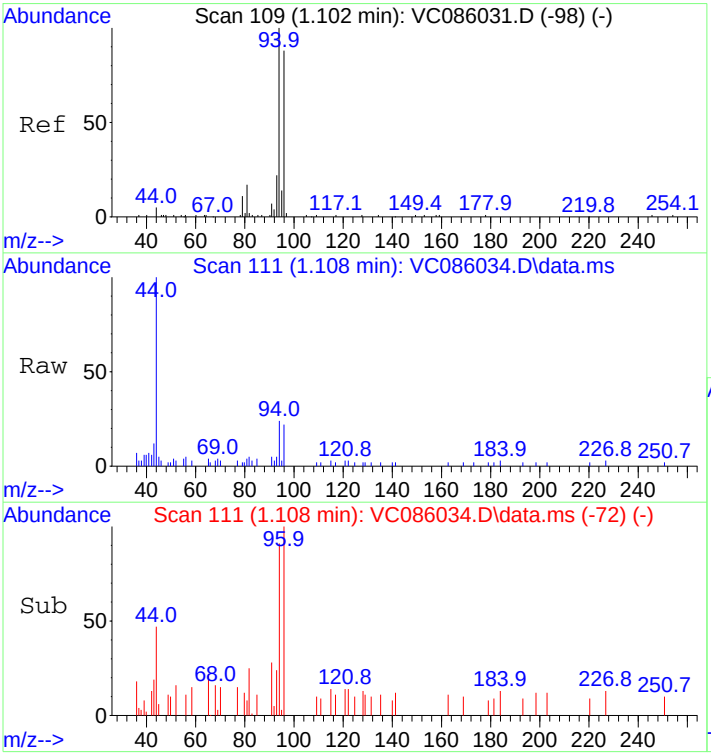
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	583399	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	919390	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488679	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	479968	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	238454	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
49) TOLUENE SS	5.486	98	849589	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	392626	24.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2255	Below Cal		97
17) IODOMETHANE	1.588	142	18573m	1.59	UG/L	
23) METHYLENE CHLORIDE	1.763	49	16724	1.38	UG/L	95
24) CARBON DISULFIDE	1.616	76	2556	0.14	UG/L #	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

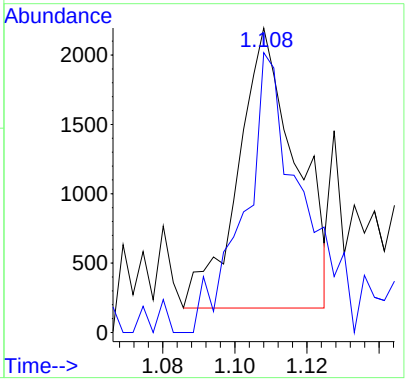


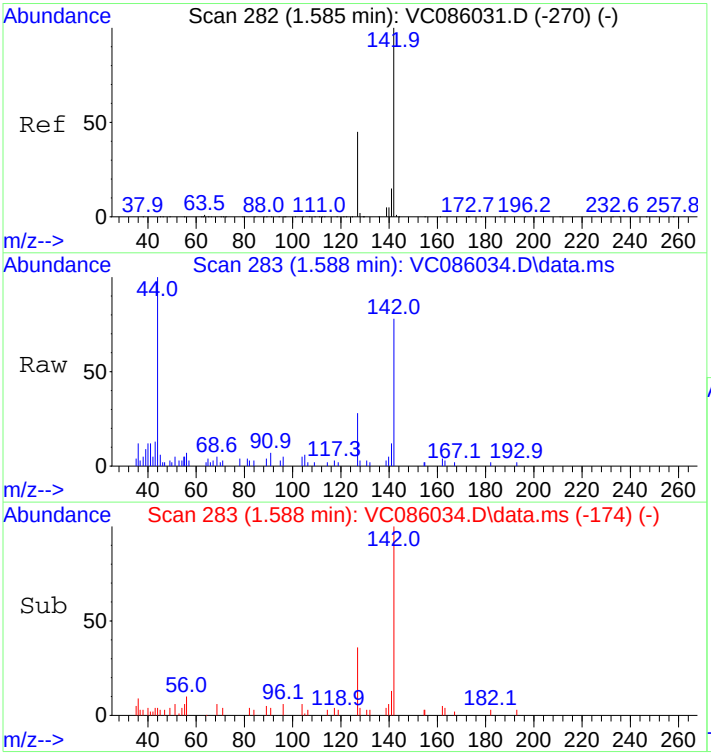


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 94 Resp: 2255

Ion	Ratio	Lower	Upper
94	100		
96	98.6	76.2	114.2

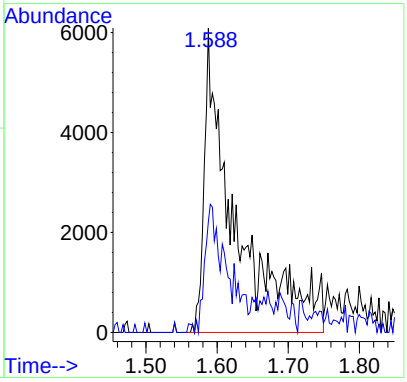


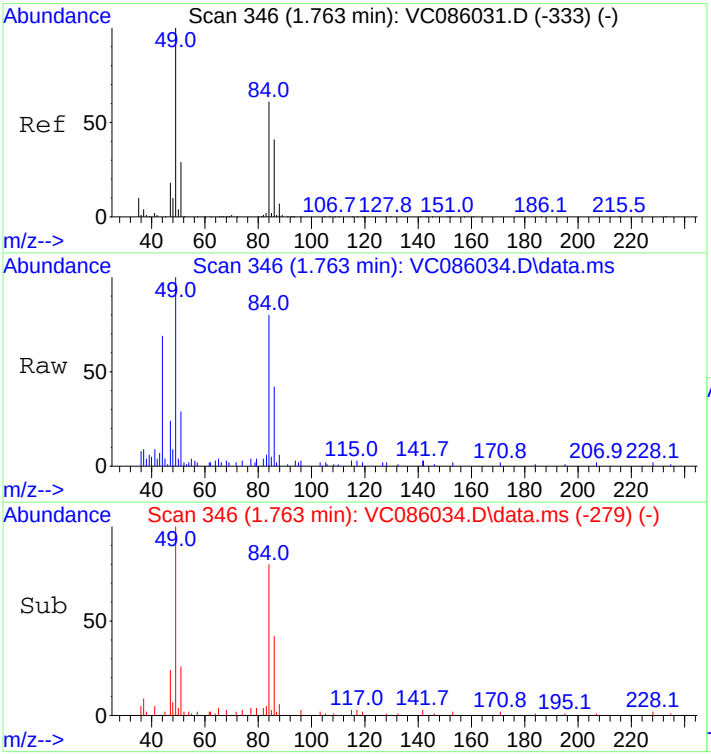


#17
IODOMETHANE
Concen: 1.59 UG/L m
RT: 1.588 min Scan# 283
Delta R.T. 0.004 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion:142 Resp: 18573

Ion	Ratio	Lower	Upper
142	100		
127	16.8	36.8	55.2#

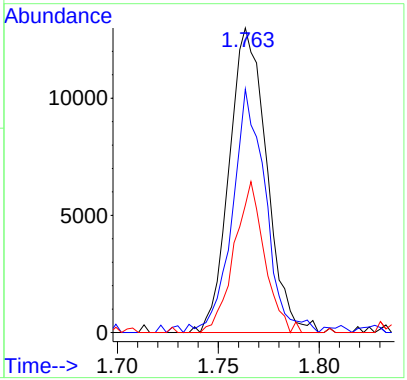


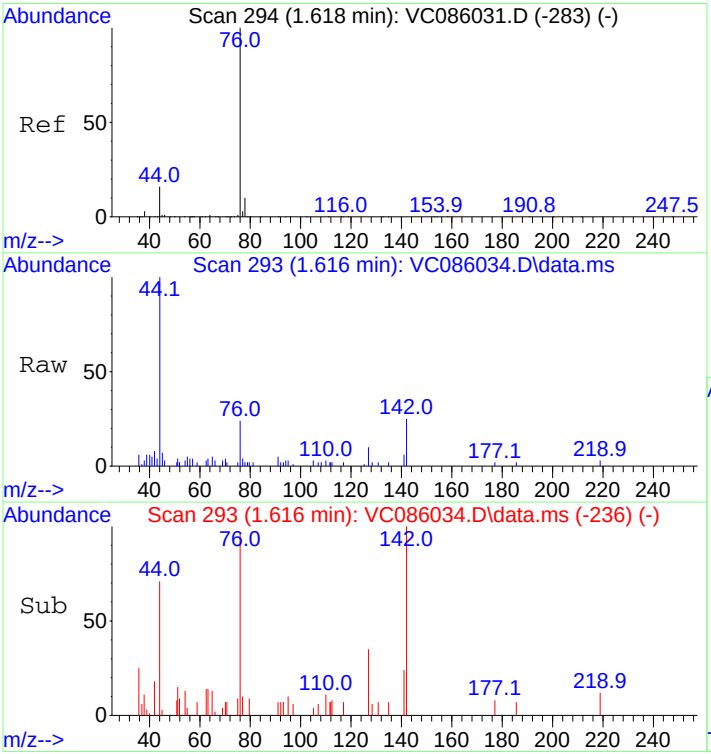


#23
METHYLENE CHLORIDE
Concen: 1.38 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 49 Resp: 16724

Ion	Ratio	Lower	Upper
49	100		
84	70.8	57.8	86.6
86	40.3	37.1	55.7

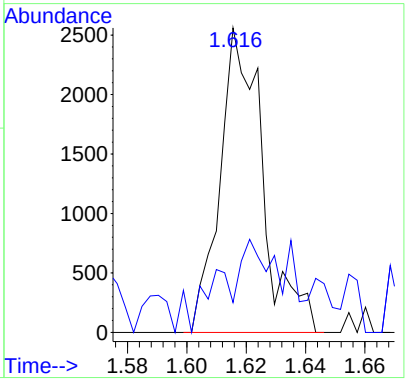




#24
CARBON DISULFIDE
Concen: 0.14 UG/L
RT: 1.616 min Scan# 293
Delta R.T. -0.005 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 76 Resp: 2556

Ion	Ratio	Lower	Upper
76	100		
78	20.1	0.0	0.0#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	109	0.54	50	
107-13-1	Acrylonitrile	9.51	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.9	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.91	0.080	0.50	
75-25-2	Bromoform	12.1	0.25	1.0	V-20
74-83-9	Bromomethane	7.55	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	96.5	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	78.3	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	11.0	0.050	1.0	
135-98-8	sec-Butylbenzene	11.4	0.050	1.0	
98-06-6	tert-Butylbenzene	11.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.0	0.070	0.50	
75-15-0	Carbon Disulfide	12.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.89	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	11.4	0.33	2.0	
67-66-3	Chloroform	10.7	0.040	2.0	
74-87-3	Chloromethane	14.5	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	11.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.5	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.21	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.4	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.36	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	18.4	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.7	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.6	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.85	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.6	0.12	0.50	
60-29-7	Diethyl Ether	9.42	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.7	0.030	0.50	
123-91-1	1,4-Dioxane	95.4	3.5	50	V-16
100-41-4	Ethylbenzene	10.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	2.0	
591-78-6	2-Hexanone (MBK)	98.7	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.3	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	95.4	0.22	10	
91-20-3	Naphthalene	8.27	0.21	2.0	
103-65-1	n-Propylbenzene	11.4	0.040	1.0	
100-42-5	Styrene	10.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.92	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	8.76	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.73	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.88	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.29	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.080	1.0	
79-01-6	Trichloroethylene	10.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.8	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.6	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.5	0.060	1.0	
75-01-4	Vinyl Chloride	10.9	0.16	2.0	
108383/106423	m+p Xylene	21.9	0.070	2.0	
95-47-6	o-Xylene	11.7	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

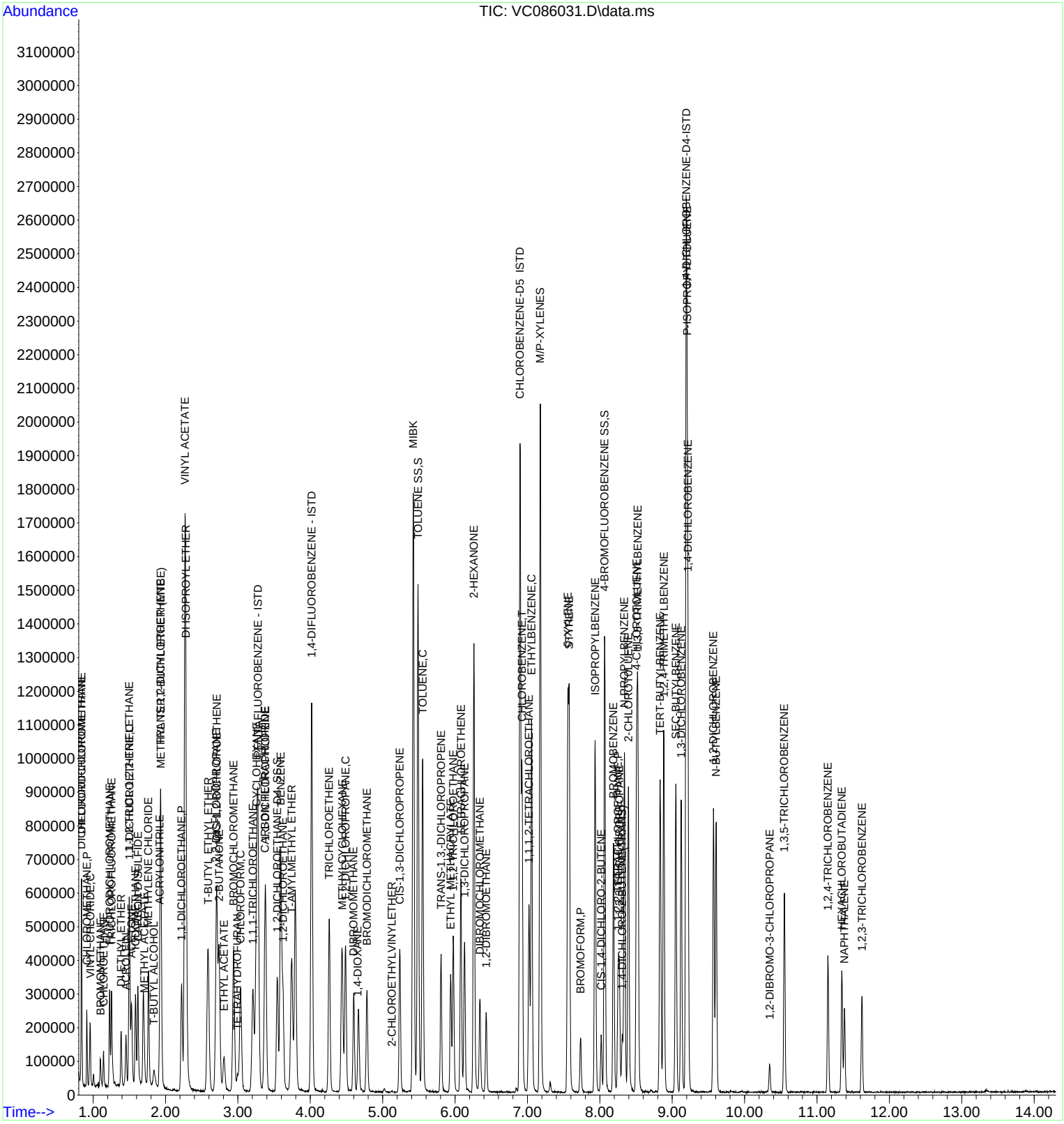
Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	121	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.0	0.10	1.0	
74-97-5	Bromochloromethane	10.6	0.10	1.0	
75-27-4	Bromodichloromethane	9.41	0.080	0.50	
75-25-2	Bromoform	12.6	0.25	1.0	V-20
74-83-9	Bromomethane	8.36	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	110	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.0	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	10.2	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.7	0.070	0.50	
75-15-0	Carbon Disulfide	11.3	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.17	0.090	5.0	
108-90-7	Chlorobenzene	10.8	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	10.6	0.33	2.0	
67-66-3	Chloroform	10.2	0.040	2.0	
74-87-3	Chloromethane	13.7	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	10.5	0.050	1.0	
106-43-4	4-Chlorotoluene	10.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.75	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.94	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.98	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	16.7	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.52	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.1	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.7	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.65	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.3	0.12	0.50	
60-29-7	Diethyl Ether	9.93	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.3	0.030	0.50	
123-91-1	1,4-Dioxane	93.7	3.5	50	V-16
100-41-4	Ethylbenzene	10.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.48	0.26	2.0	
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.7	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.6	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	109	0.22	10	
91-20-3	Naphthalene	9.04	0.21	2.0	
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	10.2	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	9.79	0.14	1.0	
109-99-9	Tetrahydrofuran	9.74	1.0	10	
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.47	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.82	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.69	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.1	0.080	1.0	
79-01-6	Trichloroethylene	10.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.85	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.2	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.97	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.75	0.060	1.0	
75-01-4	Vinyl Chloride	10.1	0.16	2.0	
108383/106423	m+p Xylene	20.4	0.070	2.0	
95-47-6	o-Xylene	10.9	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	595410	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	942826	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	498289	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	520398	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241216	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
49) TOLUENE SS	5.489	98	883300	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
71) 4-BROMOFLUOROBENZENE SS	8.063	95	410598	24.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	116656	16.68	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	184480	12.73	UG/L		96
5) CHLOROMETHANE	0.913	50	94323	13.67	UG/L		98
6) VINYL CHLORIDE	0.960	62	88684	10.08	UG/L		98
7) BROMOMETHANE	1.102	94	34799	8.36	UG/L		97
8) CHLOROETHANE	1.144	64	43526	10.56	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	144468	9.94	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	132874	9.85	UG/L		98
12) DI ETHYL ETHER	1.387	59	66132	9.93	UG/L		98
13) ACROLEIN	1.454	56	95676	87.76	UG/L		96
14) ACETONE	1.532	43	247519	121.08	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	121029	10.18	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	73654	11.16	UG/L		96
17) IODOMETHANE	1.585	142	182522	15.26	UG/L		95
20) METHYL ACETATE	1.707	43	75598	13.06	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	56729	91.96	UG/L		96
22) ACRYLONITRILE	1.919	53	52943	10.75	UG/L		98
23) METHYLENE CHLORIDE	1.766	49	131639	10.63	UG/L		96
24) CARBON DISULFIDE	1.618	76	219004	11.34	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	349831	11.68	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	195827	10.07	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	249694	10.43	UG/L		99
28) VINYL ACETATE	2.271	43	2522175	82.77	UG/L	#	94
29) DI ISOPROYL ETHER	2.285	45	496008	11.34	UG/L		91
31) 2-BUTANONE	2.739	43	601625	109.62	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	411836	10.73	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.709	61	221226	9.52	UG/L		100
34) 2,2-DICHLOROPROPANE	2.703	77	138999	8.61	UG/L		97
35) ETHYL ACETATE	2.809	43	134714	8.91	UG/L	#	93
38) BROMOCHLOROMETHANE	2.940	49	142389	10.57	UG/L		94
39) TETRAHYDROFURAN	2.996	42	34173	9.74	UG/L	#	87
40) CHLOROFORM	3.038	83	236087	10.22	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	207353	10.03	UG/L		97
42) CYCLOHEXANE	3.258	56	233927	10.58	UG/L		99
43) CARBON TETRACHLORIDE	3.372	117	153859	9.17	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	179271	10.56	UG/L		97
45) BENZENE	3.590	78	531195	10.41	UG/L		100
47) T-AMYLMETHYL ETHER	3.746	73	336060	10.54	UG/L		97
50) 1,2-DICHLOROETHANE	3.620	62	211358	10.72	UG/L		99
51) TRICHLOROETHENE	4.259	95	145874	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.435	83	159771	10.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143940	10.12	UG/L		99
54) DIBROMOMETHANE	4.599	93	93649	10.42	UG/L		96

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

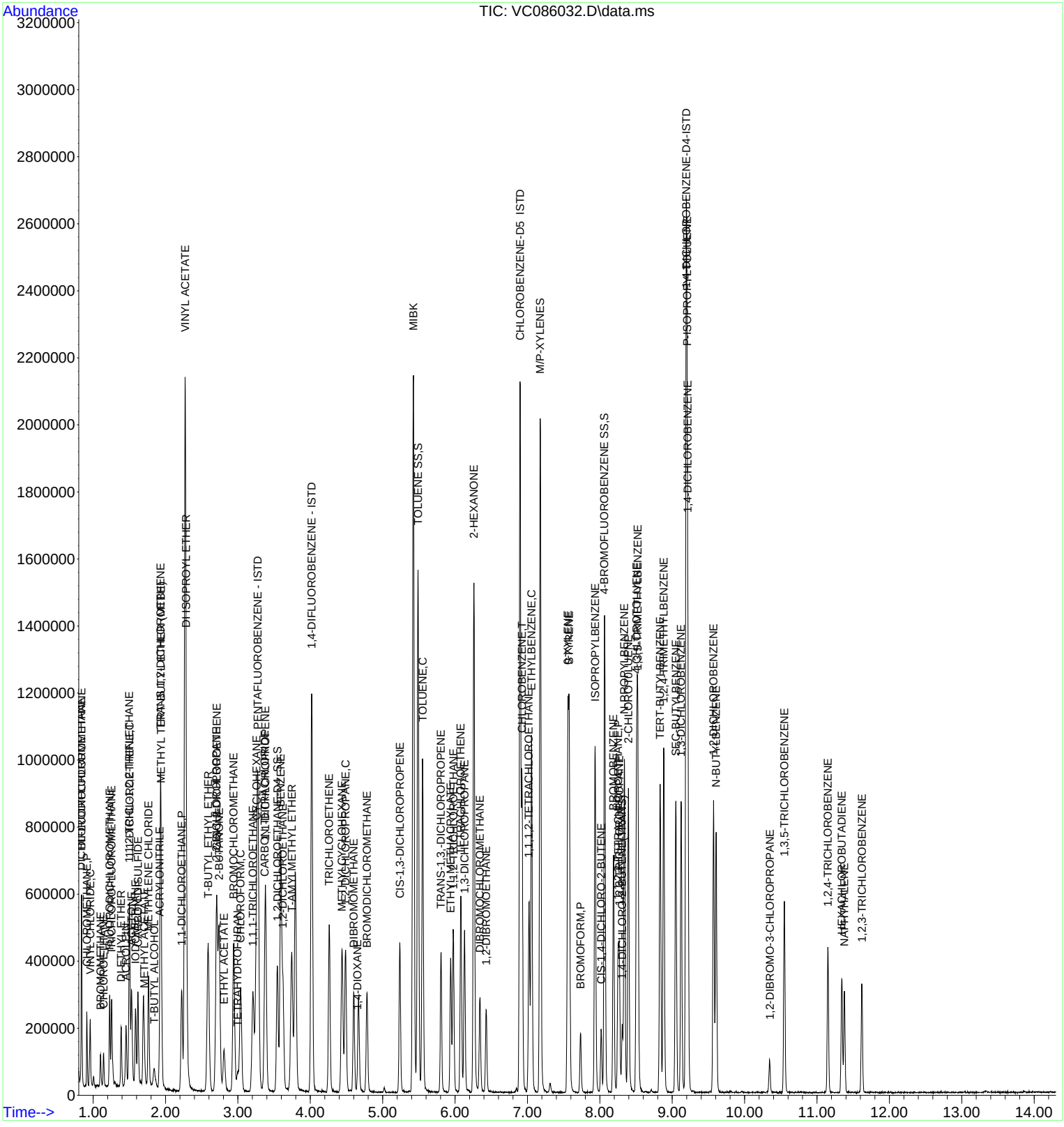
Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.652	88	8159m	93.70	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	161248	9.41	UG/L		100
59) MIBK	5.425	43	1316460	108.52	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.238	75	199265	9.65	UG/L		98
61) TOLUENE	5.553	91	595587	10.42	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	173170	10.29	UG/L		99
63) ETHYL METHACRYLATE	5.938	69	158516	9.70	UG/L		97
64) 1,1,2-TRICHLOROETHANE	5.977	97	125798	10.12	UG/L		98
65) 2-HEXANONE	6.261	43	878745	110.72	UG/L		95
66) TETRACHLOROETHENE	6.077	166	151256	9.79	UG/L		98
67) 1,3-DICHLOROPROPANE	6.133	76	209635	10.67	UG/L		98
68) DIBROMOCHLOROMETHANE	6.345	129	124188	11.38	UG/L		98
69) 1,2-DIBROMOETHANE	6.429	107	137891	10.68	UG/L		100
72) CHLOROBENZENE	6.925	112	417954	10.83	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	128571	10.18	UG/L		98
74) ETHYLBENZENE	7.056	91	649637	10.06	UG/L		98
75) M/P-XYLENES	7.176	91	1003055	20.41	UG/L		96
76) 0-XYLENE	7.558	91	531213	10.86	UG/L		98
77) STYRENE	7.578	104	431047	10.17	UG/L		97
78) BROMOFORM	7.734	173	67449	12.64	UG/L		98
79) ISOPROPYLBENZENE	7.935	105	594380	10.63	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	36428	7.51	UG/L	#	79
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	157426	10.81	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	39681	7.98	UG/L	#	84
83) BROMOBENZENE	8.188	77	243022	10.01	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	122412	10.87	UG/L		95
85) N-PROPYLBENZENE	8.339	91	670990	10.60	UG/L		98
86) 2-CHLOROT0LUENE	8.395	91	435802	10.49	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	485357	9.75	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	505667	10.73	UG/L		100
90) TERT-BUTYLBENZENE	8.832	119	396413	10.41	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	502492	9.97	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	532824	10.58	UG/L		99
93) 1,3-DICHLOROBENZENE	9.122	146	306626	10.77	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	454697	10.36	UG/L		99
95) 1,4-DICHLOROBENZENE	9.214	146	309285	9.94	UG/L		99
96) N-BUTYLBENZENE	9.608	91	371706	10.20	UG/L		98
97) 1,2-DICHLOROBENZENE	9.571	146	299440	10.81	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.349	75	16932	9.75	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	158073	8.69	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	111523	8.82	UG/L		98
101) HEXACHLOROBUTADIENE	11.342	225	62081	9.48	UG/L		99
102) NAPHTHALENE	11.378	128	191164	9.04	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	86010	9.47	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MS1	File ID:	VC086051.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	97.4	0.54	50	
107-13-1	Acrylonitrile	11.1	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.2	0.11	0.50	
71-43-2	Benzene	11.0	0.050	1.0	
108-86-1	Bromobenzene	10.2	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	
75-27-4	Bromodichloromethane	9.33	0.080	0.50	
75-25-2	Bromoform	11.7	0.25	1.0	
74-83-9	Bromomethane	9.43	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	108	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	91.6	3.5	20	V-16, V-05
104-51-8	n-Butylbenzene	10.6	0.050	1.0	
135-98-8	sec-Butylbenzene	11.3	0.050	1.0	
98-06-6	tert-Butylbenzene	11.1	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	12.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.47	0.090	5.0	
108-90-7	Chlorobenzene	11.0	0.050	1.0	
124-48-1	Chlorodibromomethane	10.5	0.12	0.50	
75-00-3	Chloroethane	11.4	0.33	2.0	
67-66-3	Chloroform	11.0	0.040	2.0	
74-87-3	Chloromethane	14.2	0.13	2.0	MS-15
95-49-8	2-Chlorotoluene	11.0	0.050	1.0	
106-43-4	4-Chlorotoluene	11.3	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.70	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.6	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MS1	File ID:	VC086051.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.9	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.0	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.44	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	18.5	0.040	2.0	MS-15
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.1	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.8	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.53	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.52	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.85	0.12	0.50	
60-29-7	Diethyl Ether	9.87	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.9	0.030	0.50	
123-91-1	1,4-Dioxane	87.8	3.5	50	V-16
100-41-4	Ethylbenzene	10.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.19	0.26	0.50	
591-78-6	2-Hexanone (MBK)	112	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.3	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.6	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MS1	File ID:	VC086051.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:56
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.31	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	111	0.22	10	
91-20-3	Naphthalene	9.17	0.21	2.0	
103-65-1	n-Propylbenzene	11.2	0.040	1.0	
100-42-5	Styrene	10.4	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.1	0.18	0.50	
127-18-4	Tetrachloroethylene	12.0	0.14	1.0	
109-99-9	Tetrahydrofuran	11.0	1.0	10	
108-88-3	Toluene	10.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.40	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.07	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.12	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.6	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.0	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.0	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.5	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.3	0.060	1.0	
75-01-4	Vinyl Chloride	10.7	0.16	2.0	
108383/106423	m+p Xylene	21.9	0.070	2.0	
95-47-6	o-Xylene	11.2	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086051.D
Acq On : 27 Mar 2012 6:56 am
Operator :
Sample : 12C0572-03MS @ MS Inst : GCMSVOA3
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 27 14:05:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	568537	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	907064	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	477074	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	501265	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	237475	26.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.08%				
49) TOLUENE SS	5.486	98	835756	25.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	384092	24.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122999	18.53	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	197336	14.26	UG/L		98
5) CHLOROMETHANE	0.913	50	93642	14.21	UG/L		100
6) VINYL CHLORIDE	0.957	62	89860	10.70	UG/L		98
7) BROMOMETHANE	1.100	94	36805	9.43	UG/L		99
8) CHLOROETHANE	1.144	64	44982	11.43	UG/L		95
9) FLUORODICHLOROMETHANE	1.225	67	145003	10.45	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	142335	11.05	UG/L		99
12) DI ETHYL ETHER	1.387	59	62790	9.87	UG/L		97
13) ACROLEIN	1.454	56	119817	115.10	UG/L		95
14) ACETONE	1.529	43	190190	97.43	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	126206	11.12	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	78712	12.49	UG/L		97
17) IODOMETHANE	1.582	142	107029	9.37	UG/L		96
20) METHYL ACETATE	1.707	43	57456	10.40	UG/L		100
21) T-BUTYL ALCOHOL	1.841	59	53968	91.62	UG/L	#	97
22) ACRYLONITRILE	1.922	53	52085	11.07	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	110103	9.31	UG/L		94
24) CARBON DISULFIDE	1.618	76	224802	12.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	330456	11.55	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	205441	11.06	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	252589	11.05	UG/L		100
28) VINYL ACETATE	2.271	43	2760838	94.88	UG/L	#	94
29) DI ISOPROYL ETHER	2.288	45	496947	11.89	UG/L		91
31) 2-BUTANONE	2.739	43	566070	108.01	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	390430	10.65	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.703	61	225999	10.18	UG/L		99
34) 2,2-DICHLOROPROPANE	2.703	77	131564	8.53	UG/L		98
35) ETHYL ACETATE	2.809	43	126850	8.78	UG/L		99
38) BROMOCHLOROMETHANE	2.934	49	144831	11.26	UG/L		89
39) TETRAHYDROFURAN	2.993	42	36816	10.99	UG/L		98
40) CHLOROFORM	3.038	83	243665	11.05	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.205	97	208839	10.58	UG/L		98
42) CYCLOHEXANE	3.252	56	253519	12.00	UG/L		97
43) CARBON TETRACHLORIDE	3.372	117	151723	9.47	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	187457	11.57	UG/L		98
45) BENZENE	3.593	78	535676	10.99	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	311601	10.24	UG/L		95
50) 1,2-DICHLOROETHANE	3.623	62	206165	10.87	UG/L		100
51) TRICHLOROETHENE	4.259	95	146122	10.56	UG/L		99
52) METHYLCYCLOHEXANE	4.440	83	166374	11.16	UG/L		95
53) 1,2-DICHLOROPROPANE	4.491	63	143783	10.51	UG/L		98
54) DIBROMOMETHANE	4.599	93	93109	10.76	UG/L		95

Data Path : X:\1\DATA\032612\
Data File : VC086051.D
Acq On : 27 Mar 2012 6:56 am
Operator :
Sample : 12C0572-03MS @ MS Inst : GCMSVOA3
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 27 14:05:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

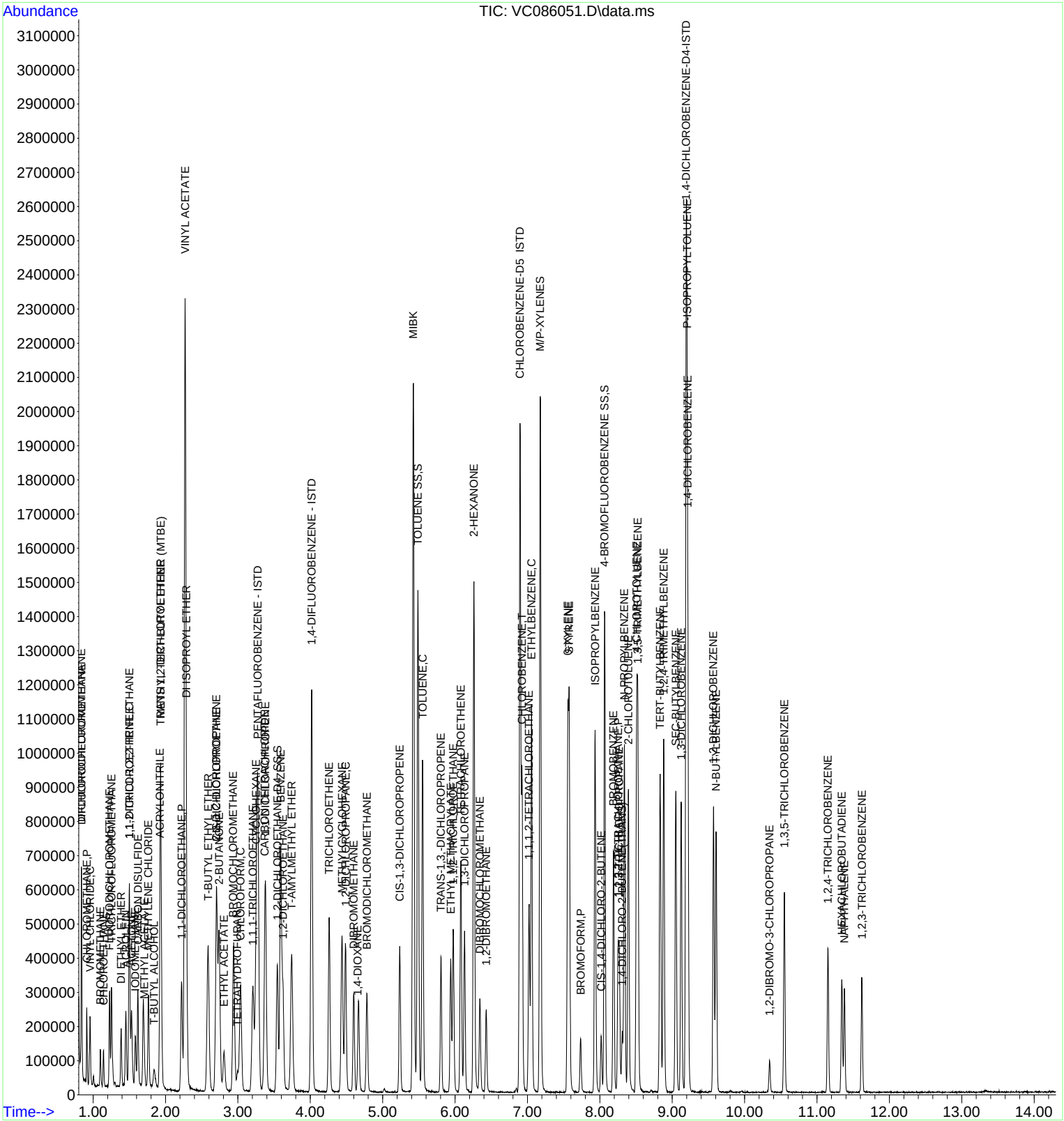
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.655	88	7355m	87.80	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	153879	9.33	UG/L		99
59) MIBK	5.422	43	1294305	110.90	UG/L		93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	188970	9.52	UG/L		97
61) TOLUENE	5.553	91	591076	10.75	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	159456	9.85	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	155207	9.87	UG/L		98
64) 1,1,2-TRICHLOROETHANE	5.974	97	126625	10.59	UG/L		98
65) 2-HEXANONE	6.261	43	857280	112.27	UG/L		95
66) TETRACHLOROETHENE	6.080	166	178433	12.01	UG/L		99
67) 1,3-DICHLOROPROPANE	6.130	76	204668	10.83	UG/L		97
68) DIBROMOCHLOROMETHANE	6.342	129	110625	10.53	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	131308	10.57	UG/L		99
72) CHLOROBENZENE	6.925	112	407725	11.04	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	121741	10.07	UG/L		98
74) ETHYLBENZENE	7.056	91	667500	10.80	UG/L		97
75) M/P-XYLENES	7.176	91	1029113	21.87	UG/L		96
76) 0-XYLENE	7.558	91	526306	11.24	UG/L		100
77) STYRENE	7.578	104	423899	10.45	UG/L		98
78) BROMOFORM	7.737	173	59762	11.69	UG/L		98
79) ISOPROPYLBENZENE	7.934	105	606494	11.33	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	34441	7.41	UG/L	#	71
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	155138	11.12	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35288	7.44	UG/L	#	83
83) BROMOBENZENE	8.188	77	238317	10.25	UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.266	75	118822	11.02	UG/L		95
85) N-PROPYLBENZENE	8.339	91	681527	11.24	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	436599	10.98	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	490931	10.30	UG/L		100
88) 4-CHLOROTOLUENE	8.509	91	509626	11.29	UG/L		99
90) TERT-BUTYLBENZENE	8.832	119	408345	11.13	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	500540	10.31	UG/L		100
92) SEC-BUTYLBENZENE	9.050	105	549140	11.32	UG/L		99
93) 1,3-DICHLOROBENZENE	9.125	146	303069	11.05	UG/L		98
94) P-ISOPROPYLTOLUENE	9.206	119	459452	10.87	UG/L		99
95) 1,4-DICHLOROBENZENE	9.214	146	307090	10.25	UG/L		99
96) N-BUTYLBENZENE	9.608	91	373025	10.63	UG/L		98
97) 1,2-DICHLOROBENZENE	9.569	146	290399	10.88	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	16200	9.70	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	159919	9.12	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.150	180	111319	9.07	UG/L		100
101) HEXACHLOROBUTADIENE	11.342	225	57977	9.19	UG/L		99
102) NAPHTHALENE	11.378	128	188285	9.17	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	81966	9.40	UG/L		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086051.D
Acq On : 27 Mar 2012 6:56 am
Operator :
Sample : 12C0572-03MS @ MS Inst : GCMSVOA3
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 27 14:05:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MSD1	File ID:	VC086052.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 07:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	93.1	0.54	50	
107-13-1	Acrylonitrile	10.6	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.54	0.11	0.50	
71-43-2	Benzene	10.8	0.050	1.0	
108-86-1	Bromobenzene	9.93	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.20	0.080	0.50	
75-25-2	Bromoform	11.2	0.25	1.0	
74-83-9	Bromomethane	11.1	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	103	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	83.5	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	10.2	0.050	1.0	
135-98-8	sec-Butylbenzene	11.1	0.050	1.0	
98-06-6	tert-Butylbenzene	11.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.95	0.070	0.50	
75-15-0	Carbon Disulfide	12.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.53	0.090	5.0	
108-90-7	Chlorobenzene	10.8	0.050	1.0	
124-48-1	Chlorodibromomethane	10.3	0.12	0.50	
75-00-3	Chloroethane	11.2	0.33	2.0	
67-66-3	Chloroform	11.0	0.040	2.0	
74-87-3	Chloromethane	14.7	0.13	2.0	MS-15
95-49-8	2-Chlorotoluene	10.7	0.050	1.0	
106-43-4	4-Chlorotoluene	10.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.26	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MSD1	File ID:	VC086052.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 07:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.87	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.40	0.77	2.0	MS-24, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	17.8	0.040	2.0	MS-15
75-34-3	1,1-Dichloroethane	11.1	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.5	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.9	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.87	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	7.89	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.2	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.05	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.36	0.12	0.50	
60-29-7	Diethyl Ether	9.71	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.6	0.030	0.50	
123-91-1	1,4-Dioxane	101	3.5	50	V-16
100-41-4	Ethylbenzene	10.3	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.26	0.26	0.50	
591-78-6	2-Hexanone (MBK)	100	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.9	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.7	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-MSD1	File ID:	VC086052.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/27/12 07:26
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.25	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	103	0.22	10	
91-20-3	Naphthalene	8.12	0.21	2.0	
103-65-1	n-Propylbenzene	11.0	0.040	1.0	
100-42-5	Styrene	10.1	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.65	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.3	0.18	0.50	
127-18-4	Tetrachloroethylene	11.1	0.14	1.0	
109-99-9	Tetrahydrofuran	10.4	1.0	10	
108-88-3	Toluene	10.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.70	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.29	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.57	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.1	0.080	1.0	
79-01-6	Trichloroethylene	10.3	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.1	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.1	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.98	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.95	0.060	1.0	
75-01-4	Vinyl Chloride	10.8	0.16	2.0	
108383/106423	m+p Xylene	21.0	0.070	2.0	
95-47-6	o-Xylene	10.8	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086052.D
Acq On : 27 Mar 2012 7:26 am
Operator :
Sample : 12C0572-03MSD @ MSD Inst : GCMSVOA3
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 27 14:07:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	578244	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	934099	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	493034	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	508661	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	245601	26.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.88%				
49) TOLUENE SS	5.489	98	861421	25.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	400789	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	120511	17.81	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.843	51	189302	13.45	UG/L		97
5) CHLOROMETHANE	0.913	50	98555	14.70	UG/L		98
6) VINYL CHLORIDE	0.960	62	92263	10.80	UG/L		100
7) BROMOMETHANE	1.102	94	43189	11.12	UG/L		100
8) CHLOROETHANE	1.147	64	44893	11.22	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	153000	10.84	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	145207	11.08	UG/L		98
12) DI ETHYL ETHER	1.390	59	62813	9.71	UG/L		97
13) ACROLEIN	1.454	56	119704	113.06	UG/L		96
14) ACETONE	1.532	43	184851	93.11	UG/L		99
15) 1,1-DICHLOROETHENE	1.504	61	132558	11.48	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	77313	12.06	UG/L		97
17) IODOMETHANE	1.585	142	135842	11.70	UG/L		94
20) METHYL ACETATE	1.707	43	59450	10.58	UG/L		98
21) T-BUTYL ALCOHOL	1.844	59	50006	83.47	UG/L	#	90
22) ACRYLONITRILE	1.919	53	50498	10.56	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	111193	9.25	UG/L		96
24) CARBON DISULFIDE	1.621	76	229136	12.22	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	311290	10.70	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	206442	10.93	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	257993	11.09	UG/L		98
28) VINYL ACETATE	2.271	43	2726340	92.12	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	493004	11.60	UG/L		92
31) 2-BUTANONE	2.739	43	546614	102.55	UG/L		96
32) T-BUTYL ETHYL ETHER	2.589	59	370963	9.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226475	10.03	UG/L		99
34) 2,2-DICHLOROPROPANE	2.703	77	123794	7.89	UG/L		100
35) ETHYL ACETATE	2.809	43	115182	7.84	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	144365	11.03	UG/L		91
39) TETRAHYDROFURAN	2.999	42	35271	10.35	UG/L	#	71
40) CHLOROFORM	3.040	83	246131	10.97	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.205	97	209848	10.45	UG/L		98
42) CYCLOHEXANE	3.258	56	250417	11.66	UG/L		97
43) CARBON TETRACHLORIDE	3.372	117	155237	9.53	UG/L		100
44) 1,1-DICHLOROPROPENE	3.383	75	184026	11.17	UG/L		98
45) BENZENE	3.593	78	536396	10.82	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	295357	9.54	UG/L		95
50) 1,2-DICHLOROETHANE	3.620	62	205622	10.53	UG/L		98
51) TRICHLOROETHENE	4.262	95	147273	10.34	UG/L		97
52) METHYLCYCLOHEXANE	4.438	83	168957	11.00	UG/L		98
53) 1,2-DICHLOROPROPANE	4.485	63	139124	9.87	UG/L		98
54) DIBROMOMETHANE	4.602	93	91899	10.32	UG/L		96

Data Path : X:\1\DATA\032612\
Data File : VC086052.D
Acq On : 27 Mar 2012 7:26 am
Operator :
Sample : 12C0572-03MSD @ MSD Inst : GCMSVOA3
Misc :
ALS Vial : 49 Sample Multiplier: 1

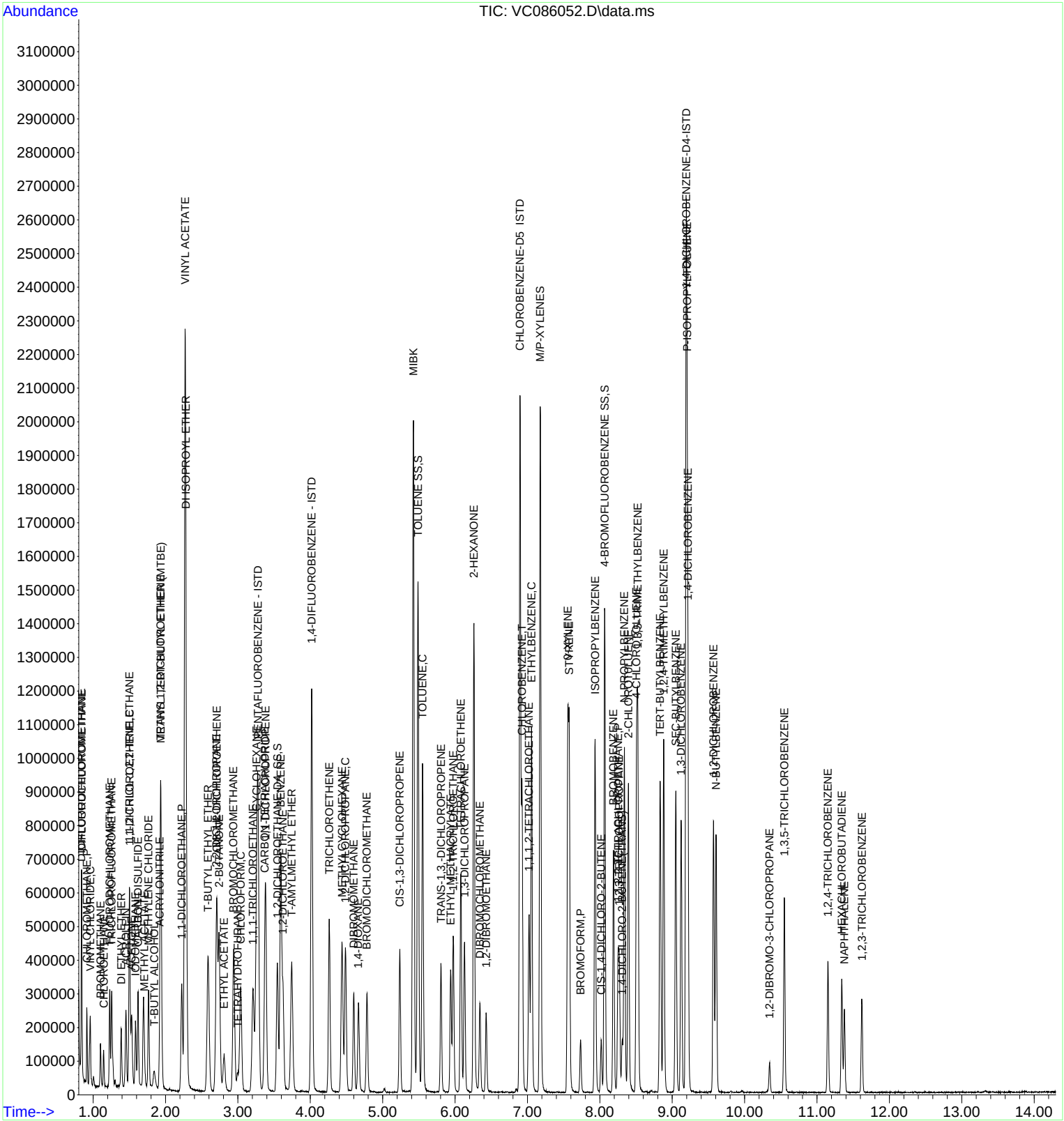
Quant Time: Mar 27 14:07:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.661	88	8697m	100.82	UG/L		
57) BROMODICHLOROMETHANE	4.781	83	156138	9.20	UG/L		98
59) MIBK	5.425	43	1232811	102.58	UG/L	#	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	184995	9.05	UG/L		98
61) TOLUENE	5.550	91	595934	10.52	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	155939	9.36	UG/L		98
63) ETHYL METHACRYLATE	5.938	69	147924	9.14	UG/L		98
64) 1,1,2-TRICHLOROETHANE	5.974	97	124090	10.08	UG/L		99
65) 2-HEXANONE	6.261	43	789265	100.37	UG/L		96
66) TETRACHLOROETHENE	6.080	166	170406	11.14	UG/L		99
67) 1,3-DICHLOROPROPANE	6.130	76	199780	10.27	UG/L		99
68) DIBROMOCHLOROMETHANE	6.342	129	111419	10.30	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	127868	10.00	UG/L		100
72) CHLOROBENZENE	6.925	112	410317	10.75	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	120523	9.65	UG/L		98
74) ETHYLBENZENE	7.056	91	655848	10.27	UG/L		98
75) M/P-XYLENES	7.176	91	1023093	21.04	UG/L		98
76) 0-XYLENE	7.558	91	523011	10.81	UG/L		100
77) STYRENE	7.577	104	422683	10.08	UG/L		98
78) BROMOFORM	7.734	173	59141	11.20	UG/L		98
79) ISOPROPYLBENZENE	7.934	105	602664	10.89	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	31421	6.54	UG/L	#	74
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	148634	10.31	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	31011	6.40	UG/L		86
83) BROMOBENZENE	8.188	77	238654	9.93	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.266	75	115430	10.36	UG/L		98
85) N-PROPYLBENZENE	8.339	91	687679	10.98	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	440467	10.72	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	489847	9.95	UG/L		100
88) 4-CHLOROTOLUENE	8.506	91	500348	10.73	UG/L		99
90) TERT-BUTYLBENZENE	8.832	119	408080	10.96	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	491725	9.98	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	544561	11.07	UG/L		98
93) 1,3-DICHLOROBENZENE	9.122	146	294652	10.59	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	452242	10.54	UG/L		99
95) 1,4-DICHLOROBENZENE	9.217	146	299913	9.87	UG/L		99
96) N-BUTYLBENZENE	9.605	91	364928	10.24	UG/L		99
97) 1,2-DICHLOROBENZENE	9.571	146	287513	10.62	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	15450	9.26	UG/L		96
99) 1,3,5-TRICHLOROBENZENE	10.550	180	152331	8.57	UG/L		98
100) 1,2,4-TRICHLOROBENZENE	11.153	180	100940	8.29	UG/L		99
101) HEXACHLOROBUTADIENE	11.342	225	59235	9.26	UG/L		100
102) NAPHTHALENE	11.378	128	156932	8.12	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.624	180	74338	8.70	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086052.D
Acq On : 27 Mar 2012 7:26 am
Operator :
Sample : 12C0572-03MSD @ MSD Inst : GCMSVOA3
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 27 14:07:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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MISC_AIR

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

MW-27-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-01	File ID:	E032606.D
Sampled:	03/19/12 13:34	Prepared:	03/26/12 15:09	Analyzed:	03/26/12 16:02
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

290

Data File : R:\E032612B\E032606.D Vial: 6
Acq On : 26 Mar 2012 4:02 pm Operator: WSD
Sample : 12C0572-01 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:05:50 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

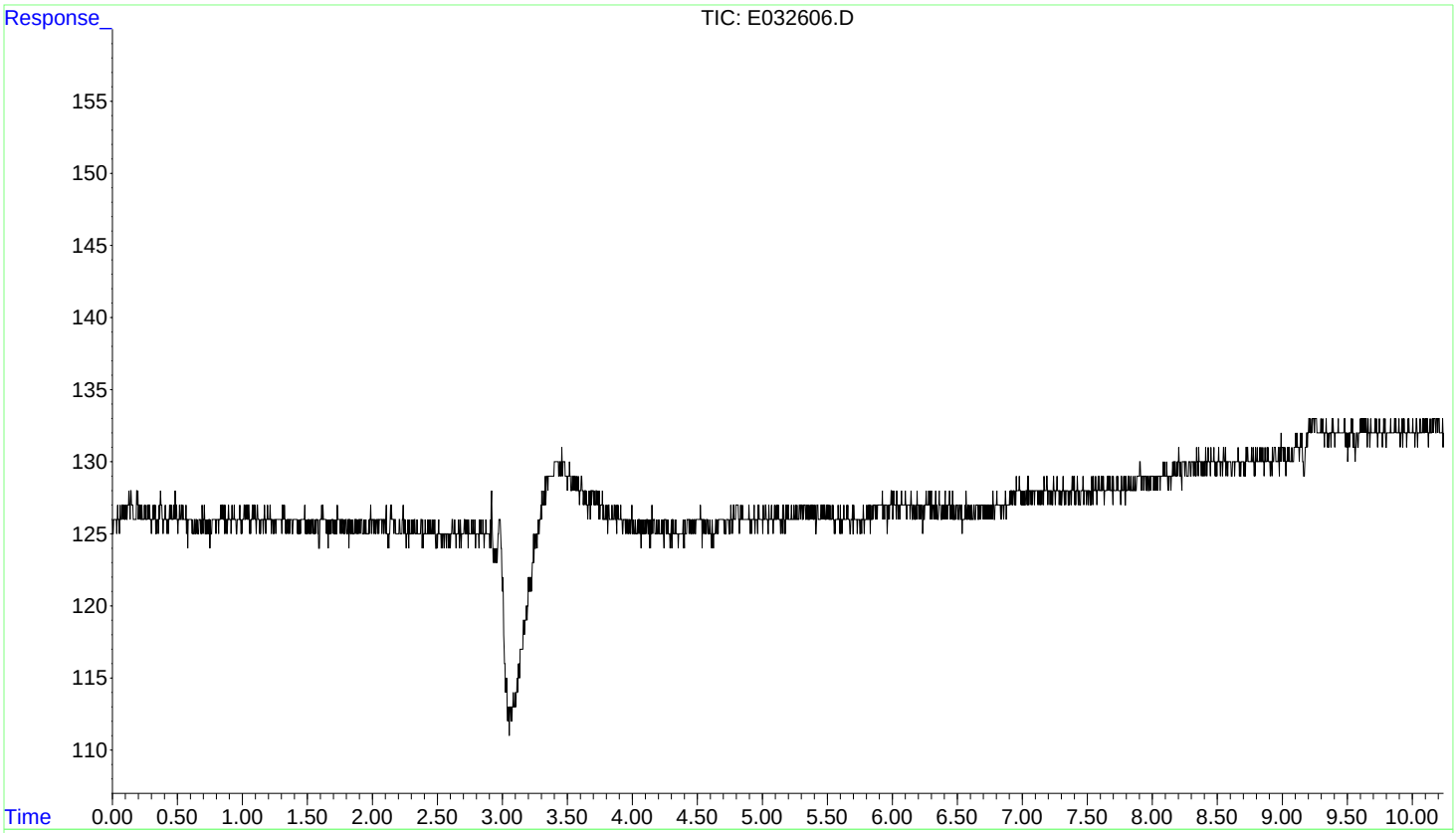
Target Compounds

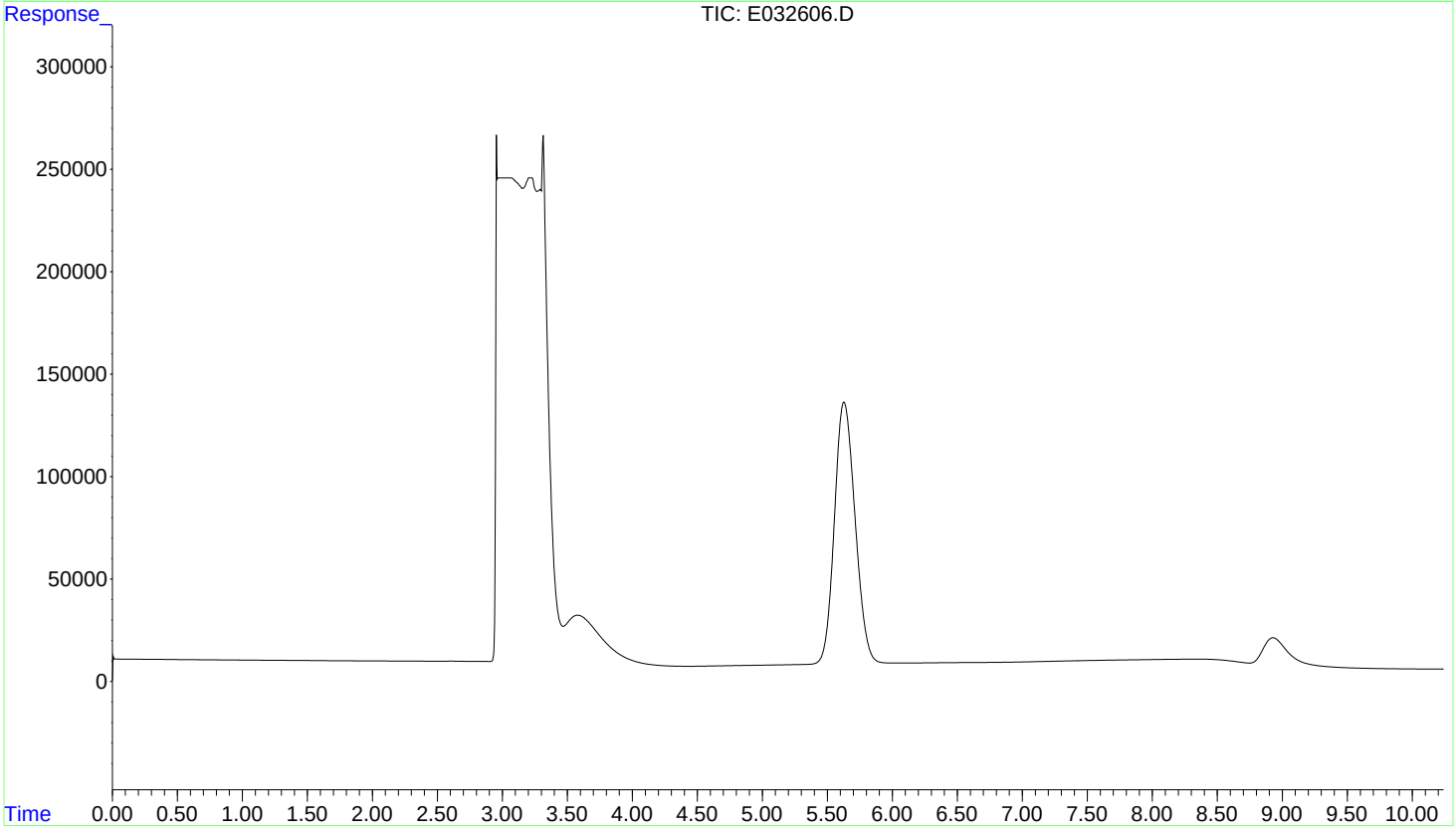
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032612B\E032606.D
Acq On : 26 Mar 2012 4:02 pm
Sample : 12C0572-01 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:05:50 2012

Vial: 6
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03	File ID:	E032607.D
Sampled:	03/19/12 08:47	Prepared:	03/26/12 15:09	Analyzed:	03/26/12 16:16
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032607.D Vial: 7
Acq On : 26 Mar 2012 4:16 pm Operator: WSD
Sample : 12C0572-03 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:08:17 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

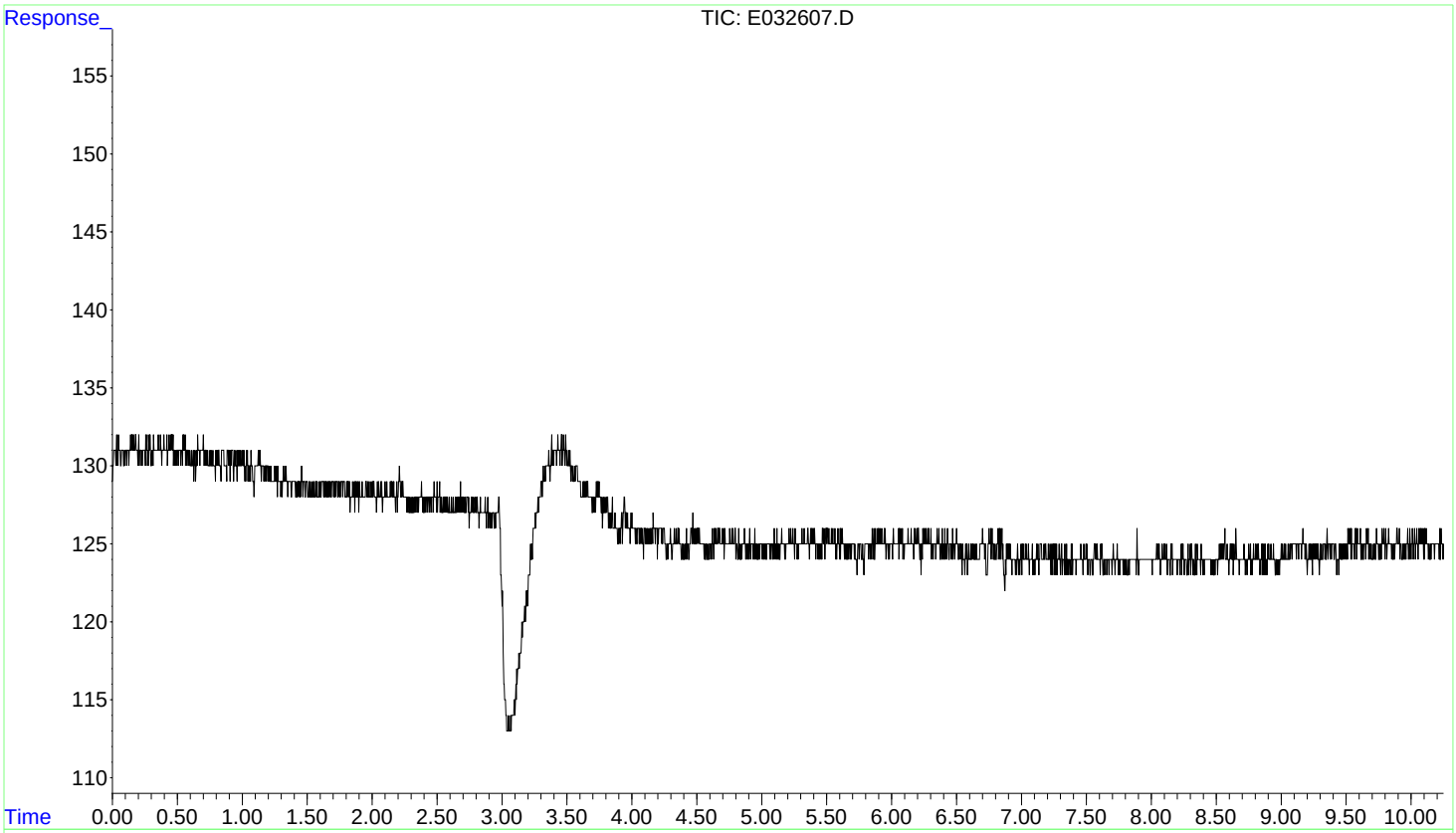
Quantitation Report (QT Reviewed)

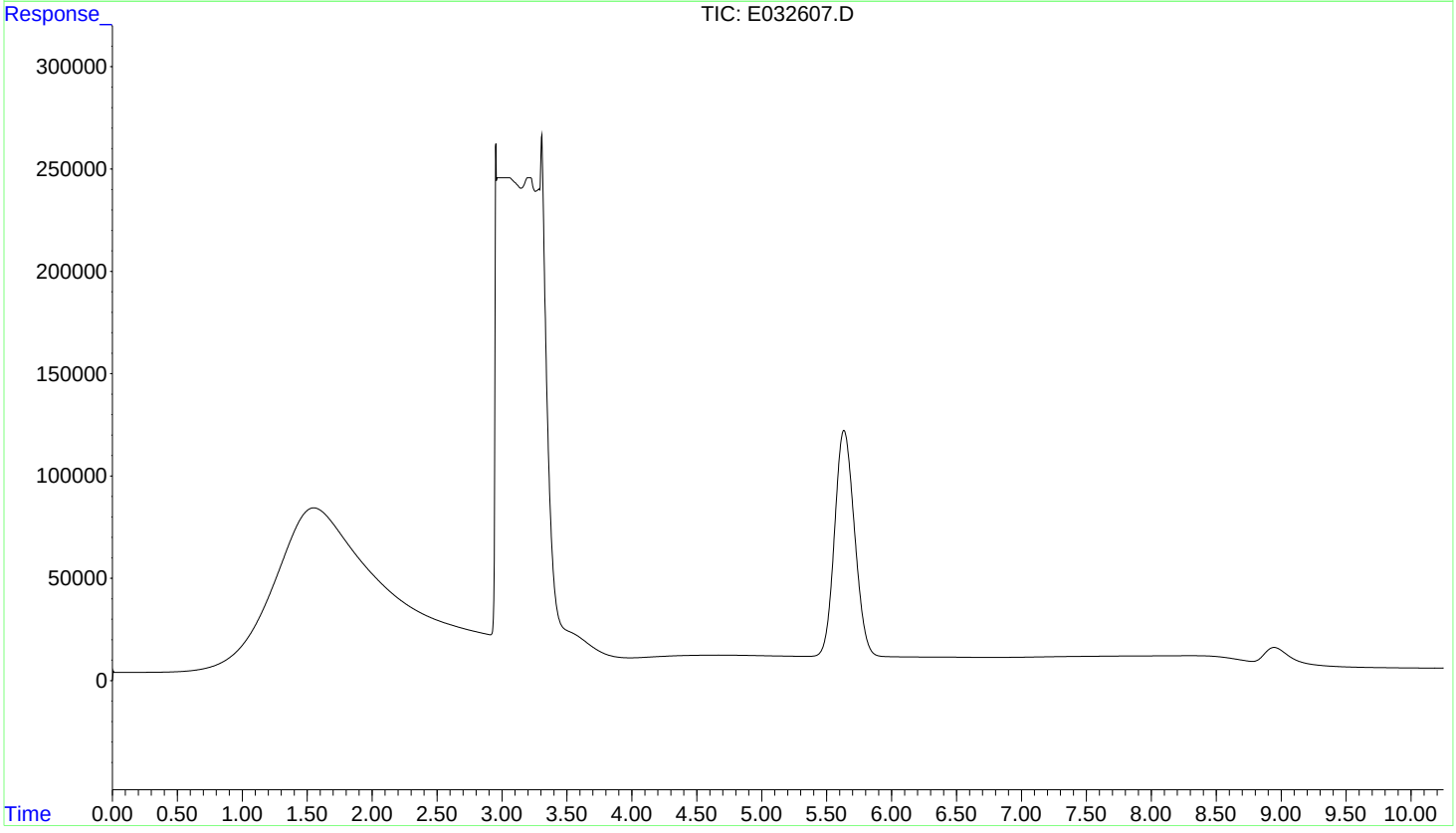
294

Data File : R:\E032612B\E032607.D
Acq On : 26 Mar 2012 4:16 pm
Sample : 12C0572-03 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:08:17 2012

Vial: 7
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04	File ID:	E032608.D
Sampled:	03/19/12 09:45	Prepared:	03/26/12 15:09	Analyzed:	03/26/12 16:29
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032608.D Vial: 8
Acq On : 26 Mar 2012 4:29 pm Operator: WSD
Sample : 12C0572-04 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:08:20 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

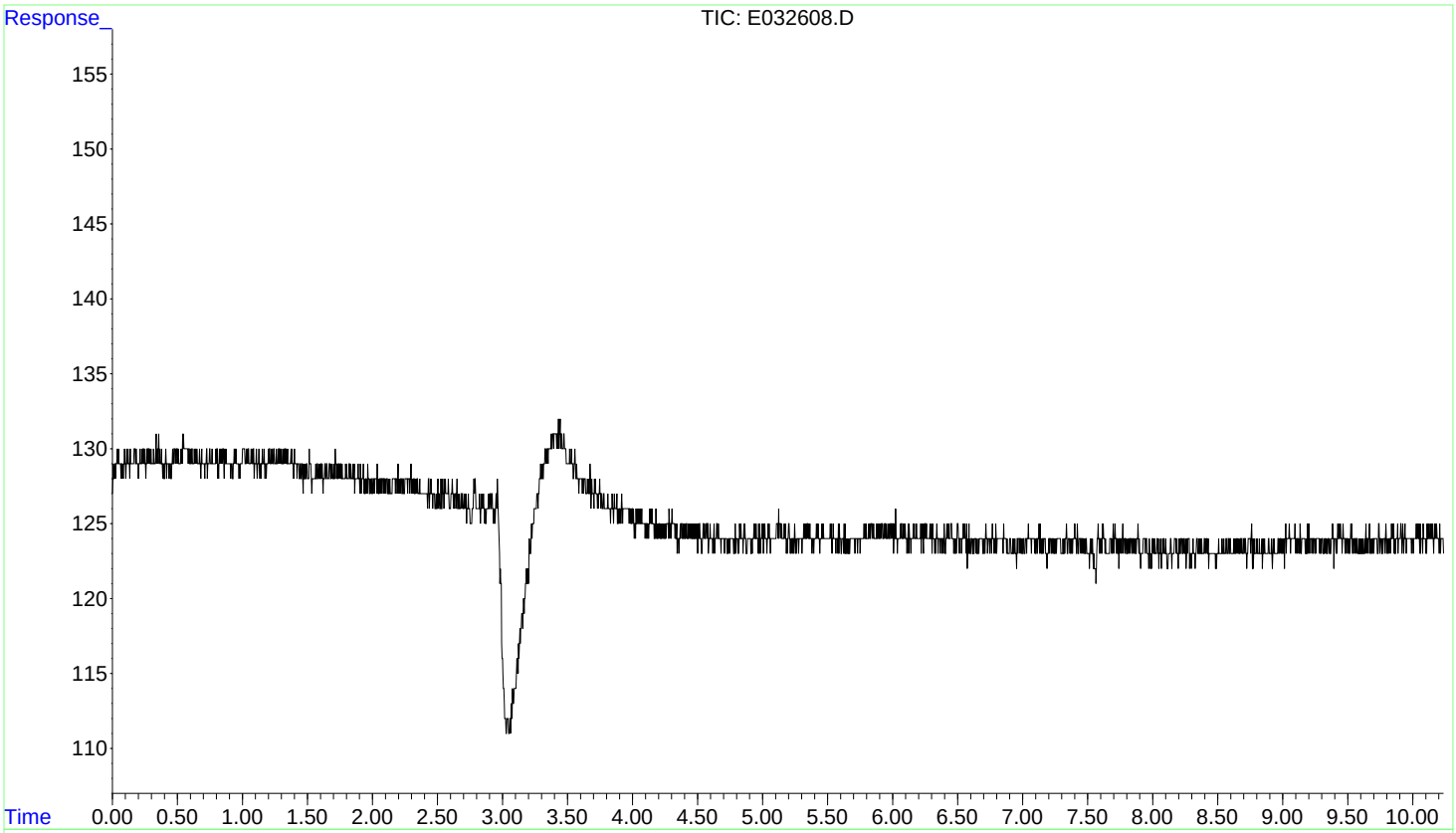
Target Compounds

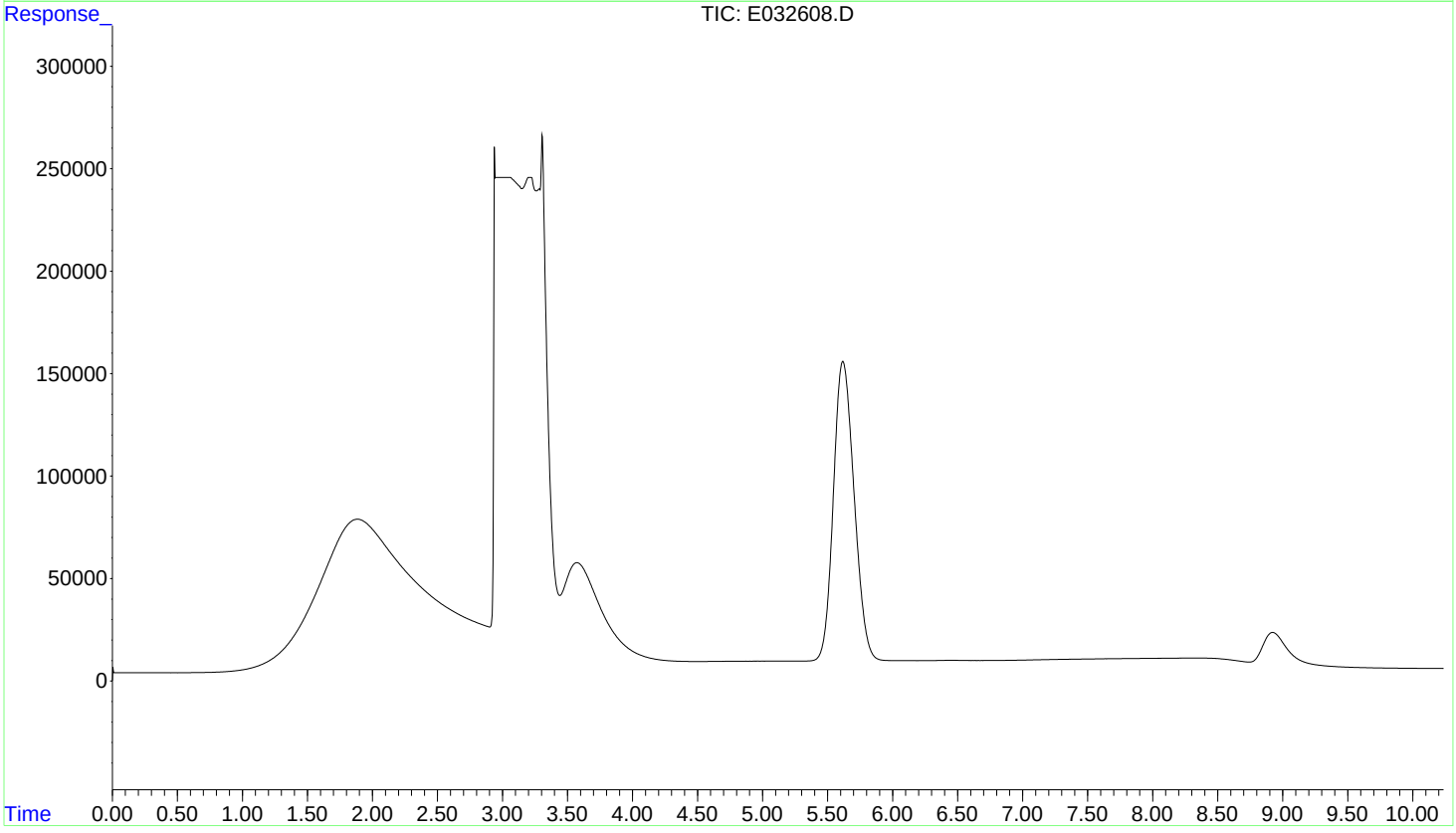
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032612B\E032608.D
Acq On : 26 Mar 2012 4:29 pm
Sample : 12C0572-04 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:08:20 2012

Vial: 8
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05	File ID:	E032609.D
Sampled:	03/19/12 09:48	Prepared:	03/26/12 15:09	Analyzed:	03/26/12 16:41
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032609.D Vial: 9
Acq On : 26 Mar 2012 4:41 pm Operator: WSD
Sample : 12C0572-05 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:08:23 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

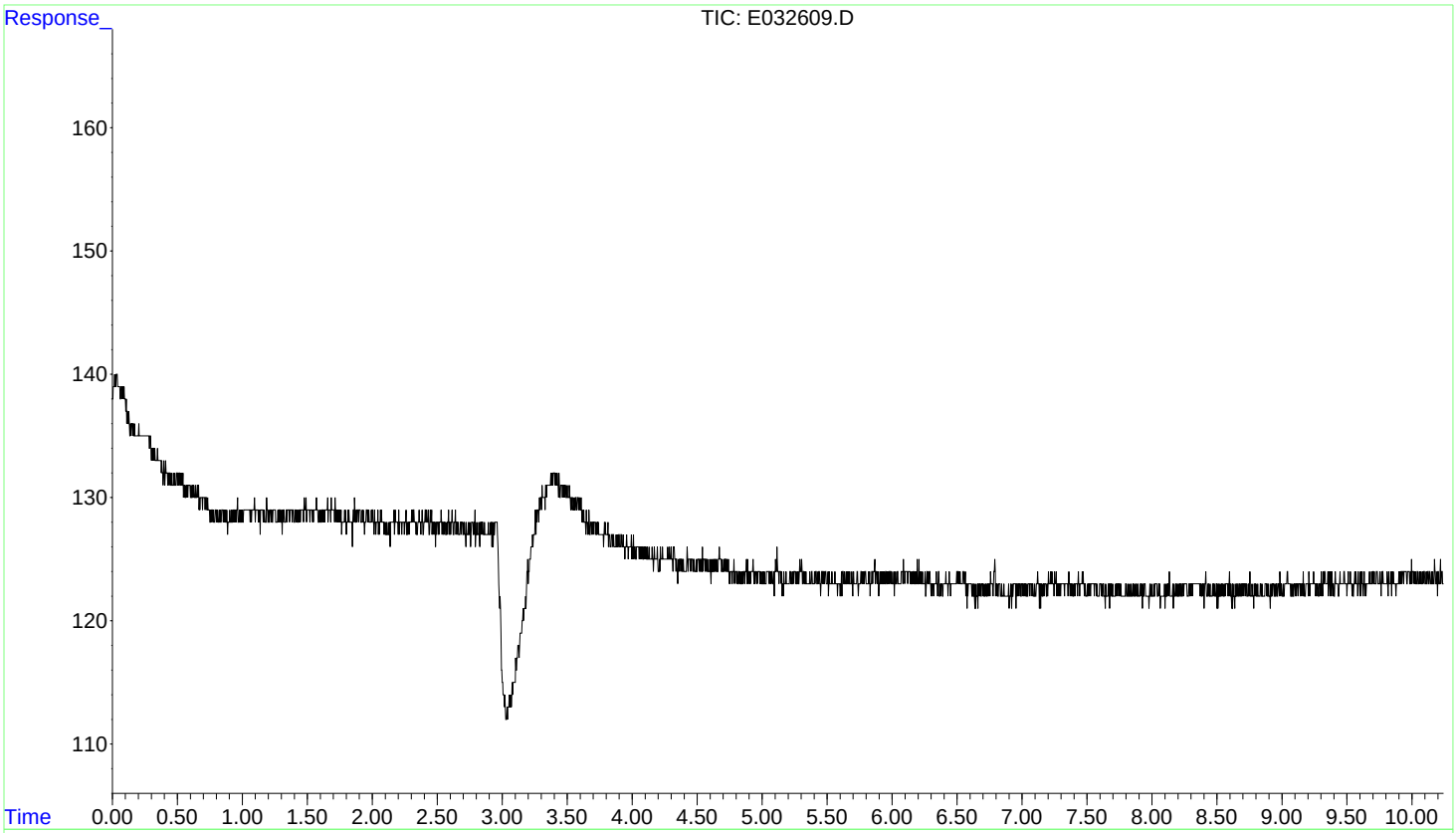
Quantitation Report (QT Reviewed)

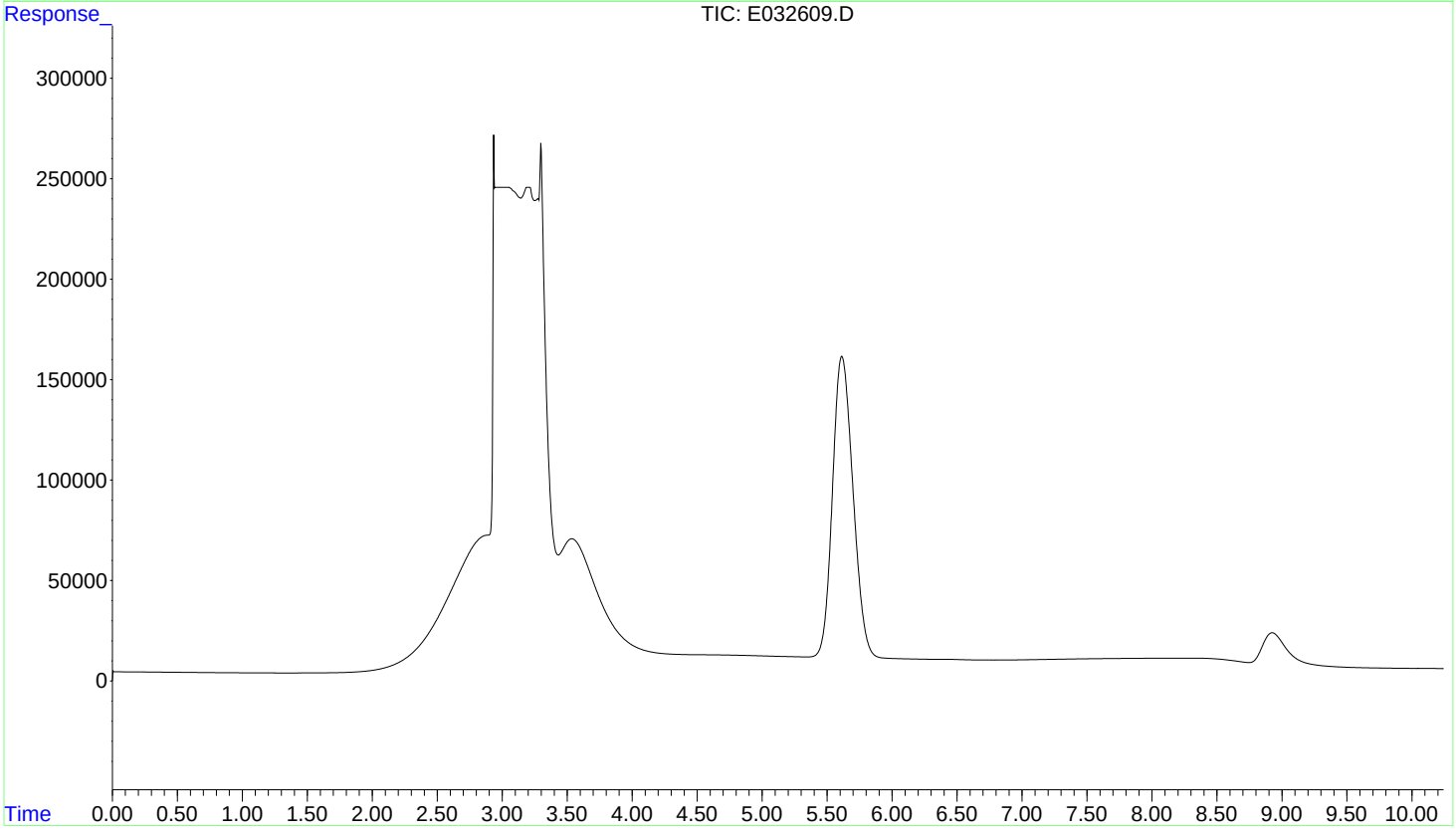
Data File : R:\E032612B\E032609.D
Acq On : 26 Mar 2012 4:41 pm
Sample : 12C0572-05 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:08:23 2012

Vial: 9
Operator: WSD
Inst : HP5890
Multiplr: 1.00

300

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08	File ID:	E032610.D
Sampled:	03/19/12 15:22	Prepared:	03/26/12 15:09	Analyzed:	03/26/12 16:53
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032610.D Vial: 10
Acq On : 26 Mar 2012 4:53 pm Operator: WSD
Sample : 12C0572-08 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:08:26 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
3)	Ethane	0.000	8.200	0	1405	N.D.	<MDL

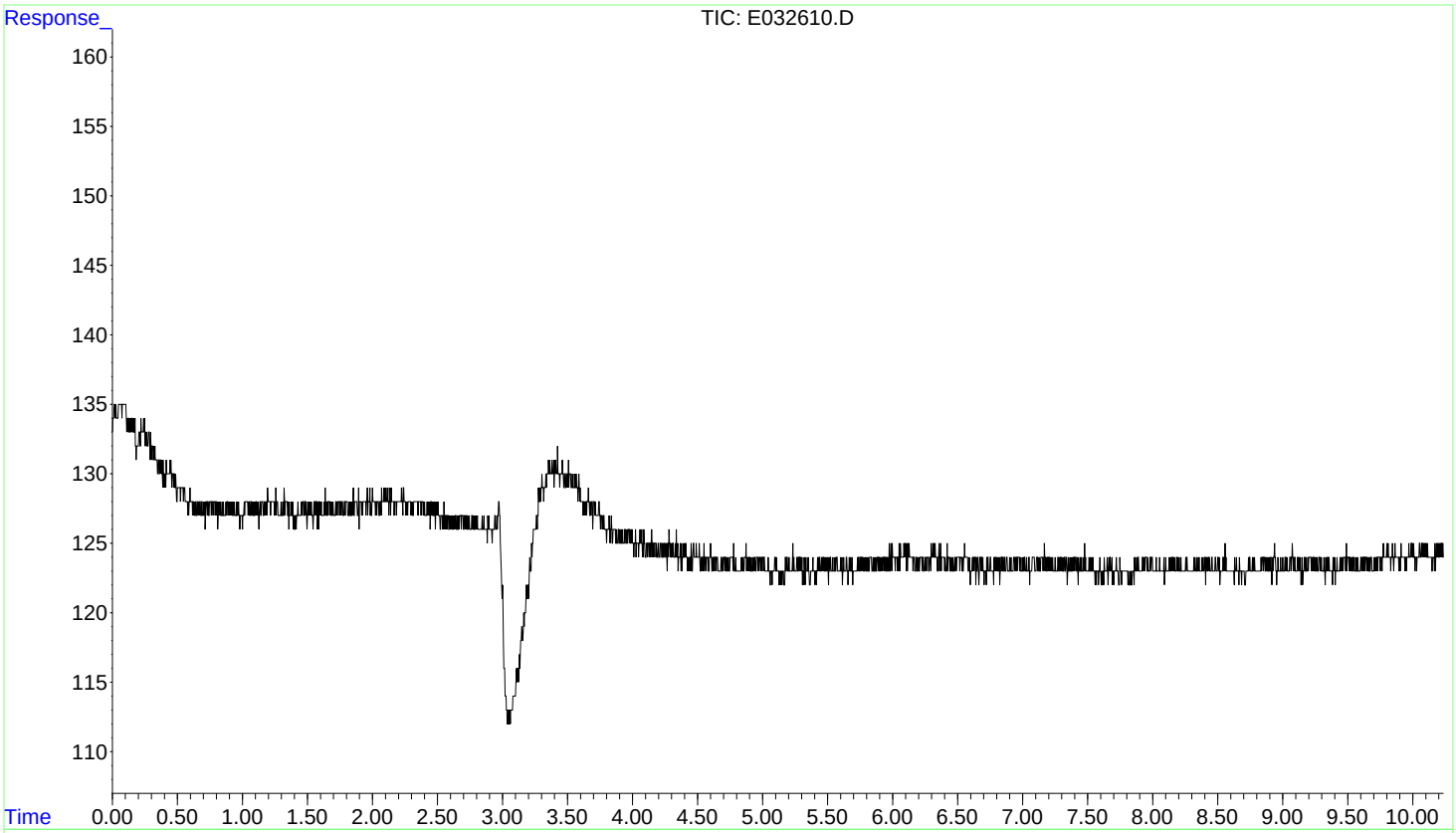
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

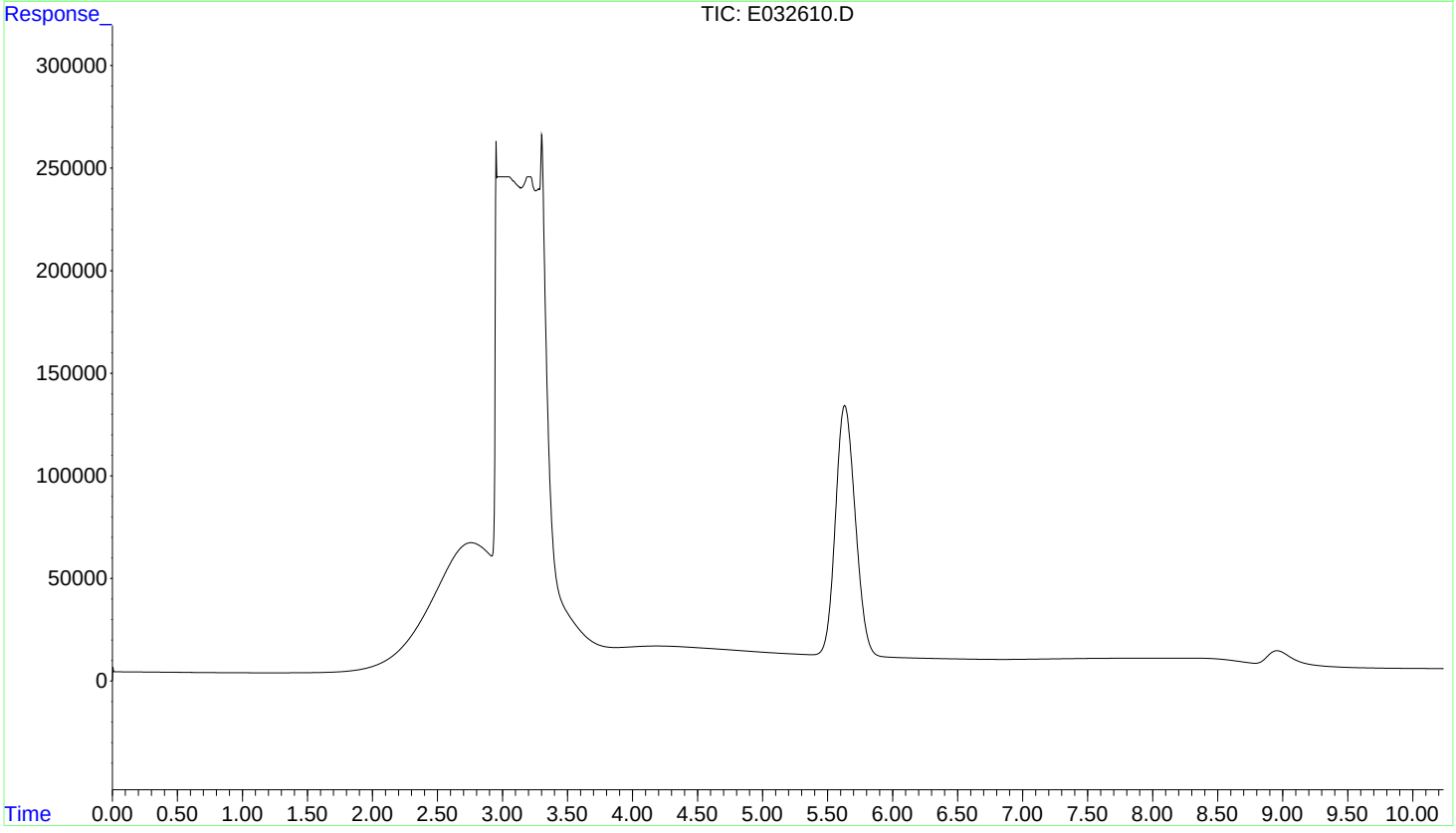
Data File : R:\E032612B\E032610.D
Acq On : 26 Mar 2012 4:53 pm
Sample : 12C0572-08 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:08:26 2012

Vial: 10
Operator: WSD
Inst : HP5890
Multiplr: 1.00

303

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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QC SUMMARY

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048643	Laboratory ID:	B048643-BS1
Column:		Initial/Final:	1 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ethane	2000	2000	101	60 - 122
Ethene	2000	2100	106	67 - 113
Methane	2000	2100	107	56 - 121

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4 - FORM IV
METHOD BLANK SUMMARY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048643-BLK1	Batch:	B048643

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Duplicate	B048643-DUP1	E032611.D	17:05
LCS	B048643-BS1	E032604.D	15:28
P2-14-March-2012	12C0572-08	E032610.D	16:53
PW-8-Ch0-March-2012 2	12C0572-05	E032609.D	16:41
PW-8-Ch0-March-2012	12C0572-04	E032608.D	16:29
PW-8-Ch4-March 2012	12C0572-03	E032607.D	16:16
MW-27-March 2012	12C0572-01	E032606.D	16:02

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

3810/RSK175

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethane	20	518.2	50	545.76	100	515.99	200	498.925	1000	577.067	2000	571.828
Ethene	20	427.2	50	421.94	100	510.8	200	502.245	1000	532.173	2000	531.587
Methane	20	352.6	50	318.68	100	316.87	200	330.14	1000	365.527	2000	365.7795

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Client: Ecology & Environment SDG: 12C0572

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethane	5000	547.831	10000	549.4471	20000	557.3306						
Ethene	5000	509.6524	10000	512.5107	20000	519.158						
Methane	5000	351.8082	10000	352.9629	20000	357.6328						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1100054	Instrument:	SYSE
		Calibration Date:	1/10/2011 12:00:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethane	542.4865	4.9			20	
Ethene	496.3629	8.4			20	
Methane	345.7778	5.5			20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S001299	Instrument:	SYSE
Calibration:	1100054		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111193	RSK175 STD 20 PPMv	S001299-CAL1	E011001.D	01/10/11 12:58
1111194	RSK175 STD 50 PPMv	S001299-CAL2	E011002.D	01/10/11 13:10
1111195	RSK175 STD 100 PPMv	S001299-CAL3	E011003.D	01/10/11 13:25
1111196	RSK175 STD 200 PPMv	S001299-CAL4	E011004.D	01/10/11 13:40
1111198	RSK175 STD 1000 PPMv	S001299-CAL6	E011006.D	01/10/11 14:11
1111199	RSK175 STD 2000 PPMv	S001299-CAL7	E011007.D	01/10/11 14:29
1111200	RSK175 STD 5000 PPMv	S001299-CAL8	E011008.D	01/10/11 14:47
1111201	RSK175 STD 10000 PPMv	S001299-CAL9	E011009.D	01/10/11 15:01
1111202	RSK175 STD 20000 PPMv	S001299-CALA	E011010.D	01/10/11 15:17

Injection Log

Directory: D:\HPCHEM\2\DATA\ARCHIVE\E011011A

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	E011001.d	1.	20 ppmv RSK 3 COMPONENT		10 Jan 2011 12:58
2	2	E011002.d	1.	50 ppmv RSK 3 COMPONENT		10 Jan 2011 13:10
3	3	E011003.d	1.	100 ppmv RSK 3 COMPONENT		10 Jan 2011 13:25
4	4	E011004.d	1.	200 ppmv RSK 3 COMPONENT		10 Jan 2011 13:40
5	5	E011005.d	1.	500 ppmv RSK 3 COMPONENT		10 Jan 2011 13:56
6	6	E011006.d	1.	1000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:11
7	7	E011007.d	1.	2000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:29
8	8	E011008.d	1.	5000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:47
9	9	E011009.d	1.	10000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:01
10	10	E011010.d	1.	20000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:17
11	11	E011011.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:34
12	12	E011012.d	1.	LCS1 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:47
13	13	E011013.d	1.	LCS2 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:01
14	14	E011014.d	1.	MB		10 Jan 2011 16:12
15	15	E011015.d	1.	MDL #1 10 PPM		10 Jan 2011 16:24
16	16	E011016.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:37
17	17	E011017.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 17:12

S 1299

1100054

Response Factor Report HP5890

Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 14:07:13 2011

Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane							0.000	0	-1.00
2)	Ethene							0.000	0	-1.00
3)	Ethane							0.000	0	-1.00

Signal #2 Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane	3.526	3.187	3.169	3.301	3.655	3.658	3.458	E2	5.49
2)	Ethene	4.272	4.219	5.108	5.022	5.322	5.316	4.964	E2	8.44
3)	Ethane	5.182	5.458	5.160	4.989	5.771	5.718	5.425	E2	4.86

(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

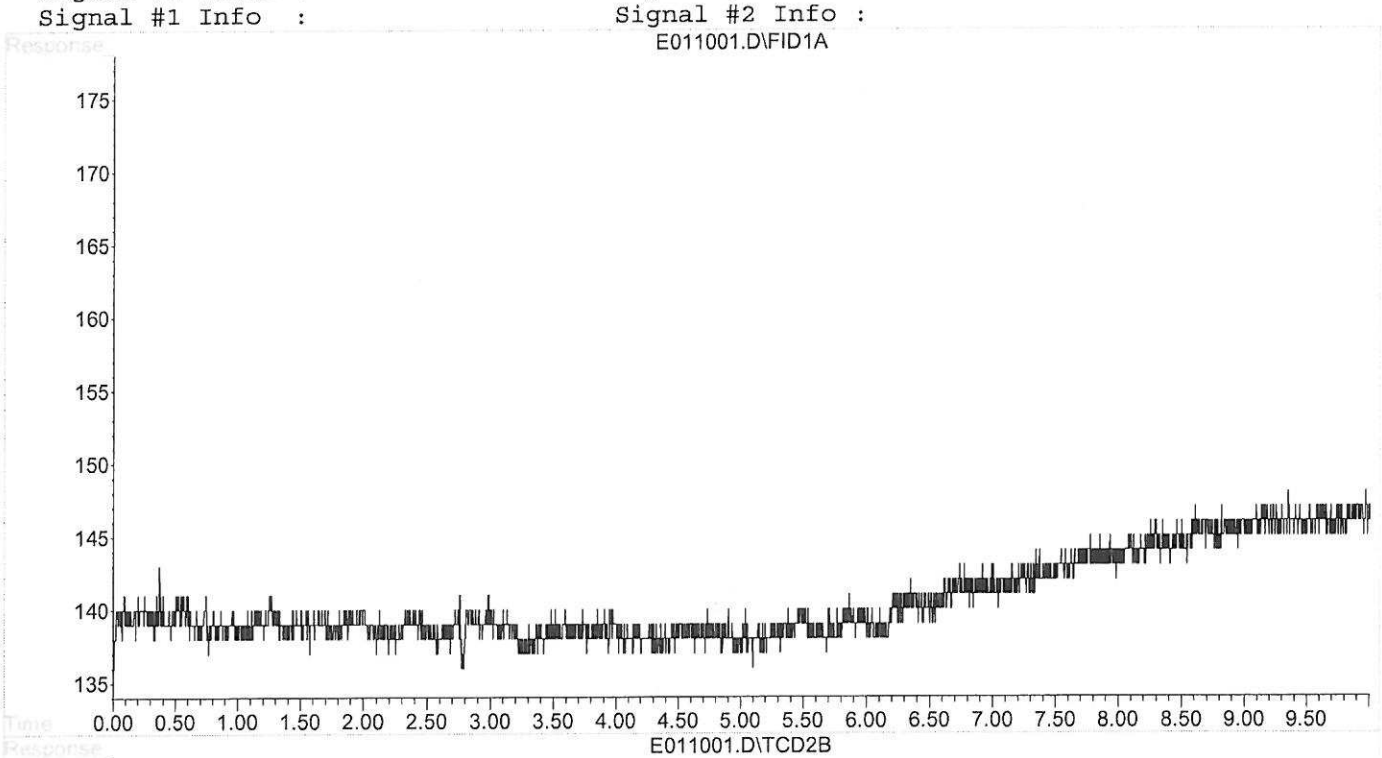
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	7052	N.D.	20.548m
2)	Ethene	0.00	7.60	0	8544	N.D.	17.053
3)	Ethane	0.00	8.42	0	10364	N.D.	19.130m

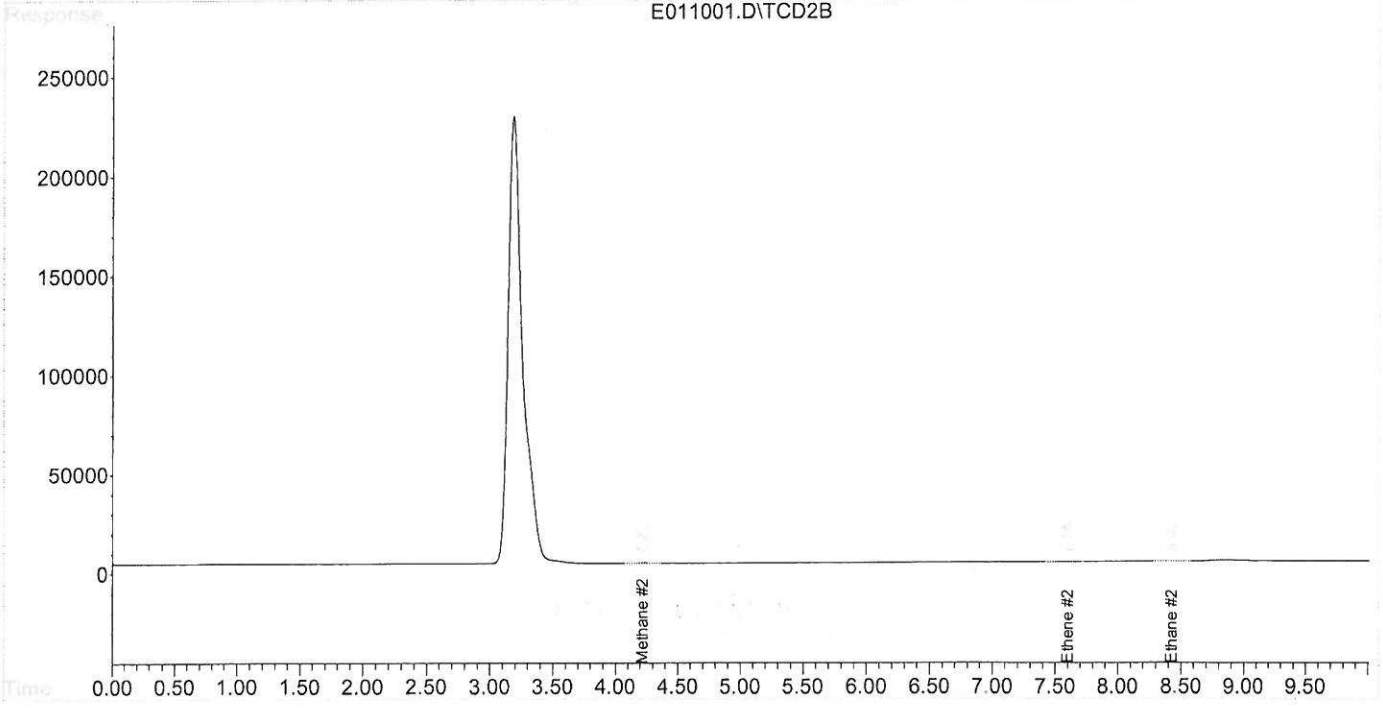
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	15934	N.D.	46.428
2)	Ethene	0.00	7.59	0	21097	N.D.	41.827m
3)	Ethane	0.00	8.42	0	27288	N.D.	50.854m

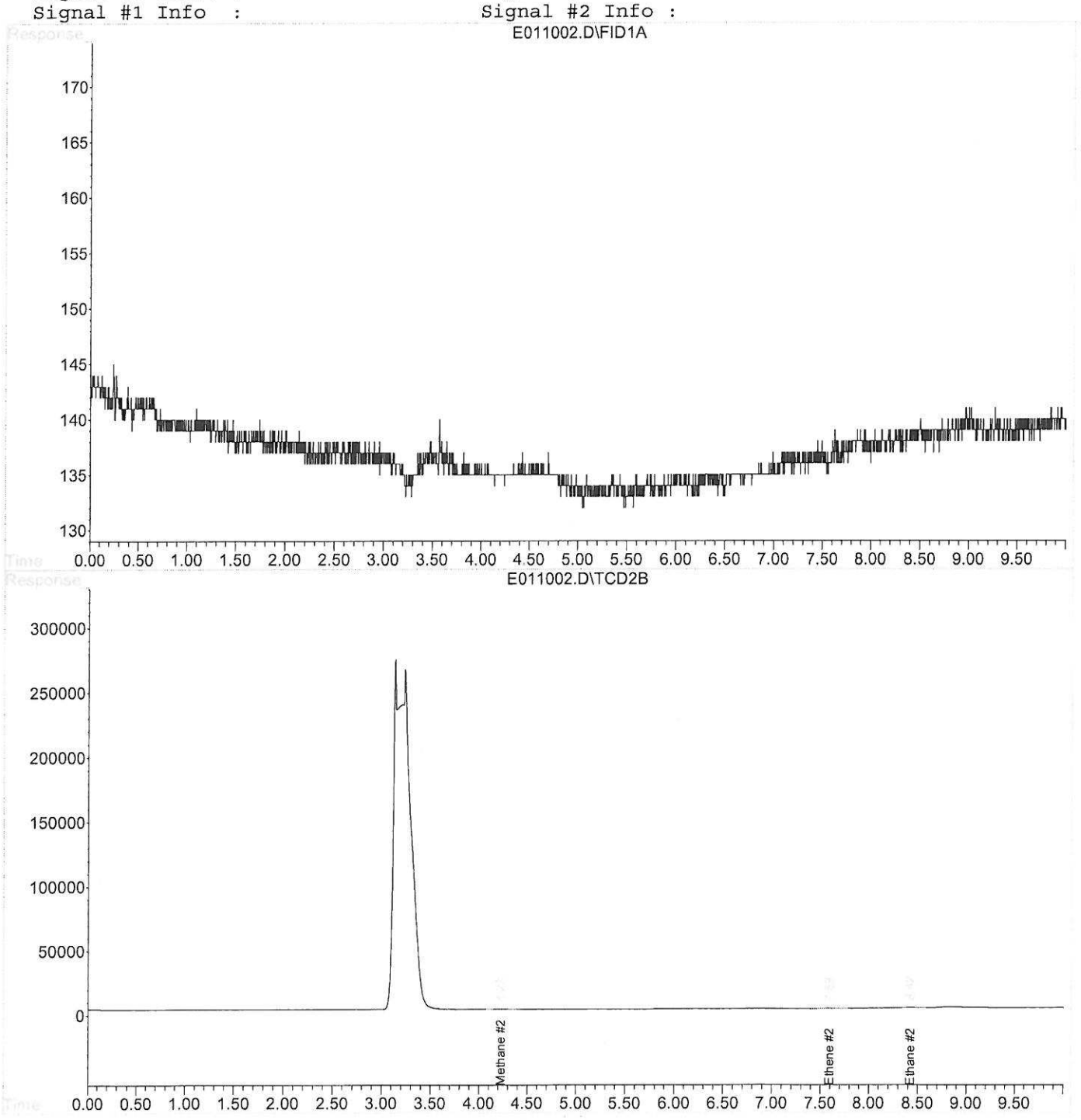
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	31687	N.D.	92.328
2)	Ethene	0.00	7.58	0	51080	N.D.	101.939m
3)	Ethane	0.00	8.42	0	51599	N.D.	96.365m

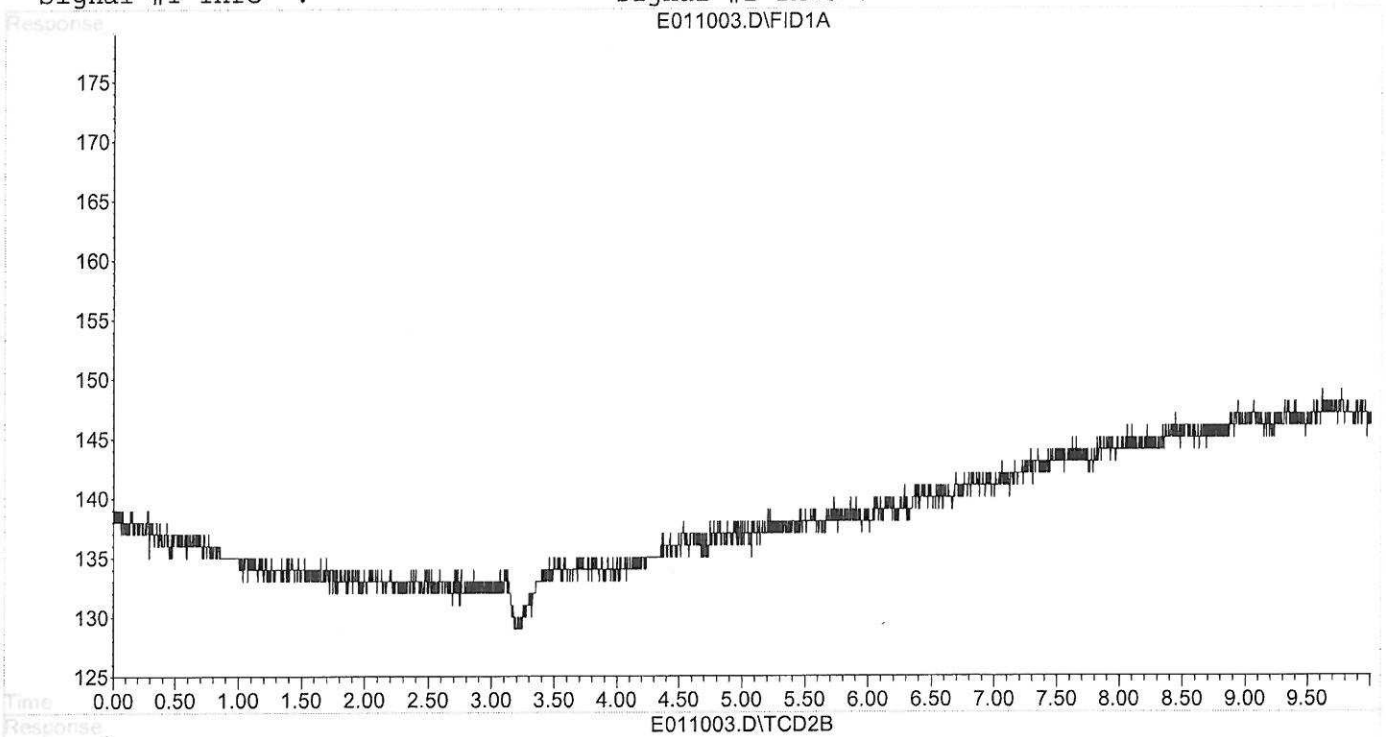
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

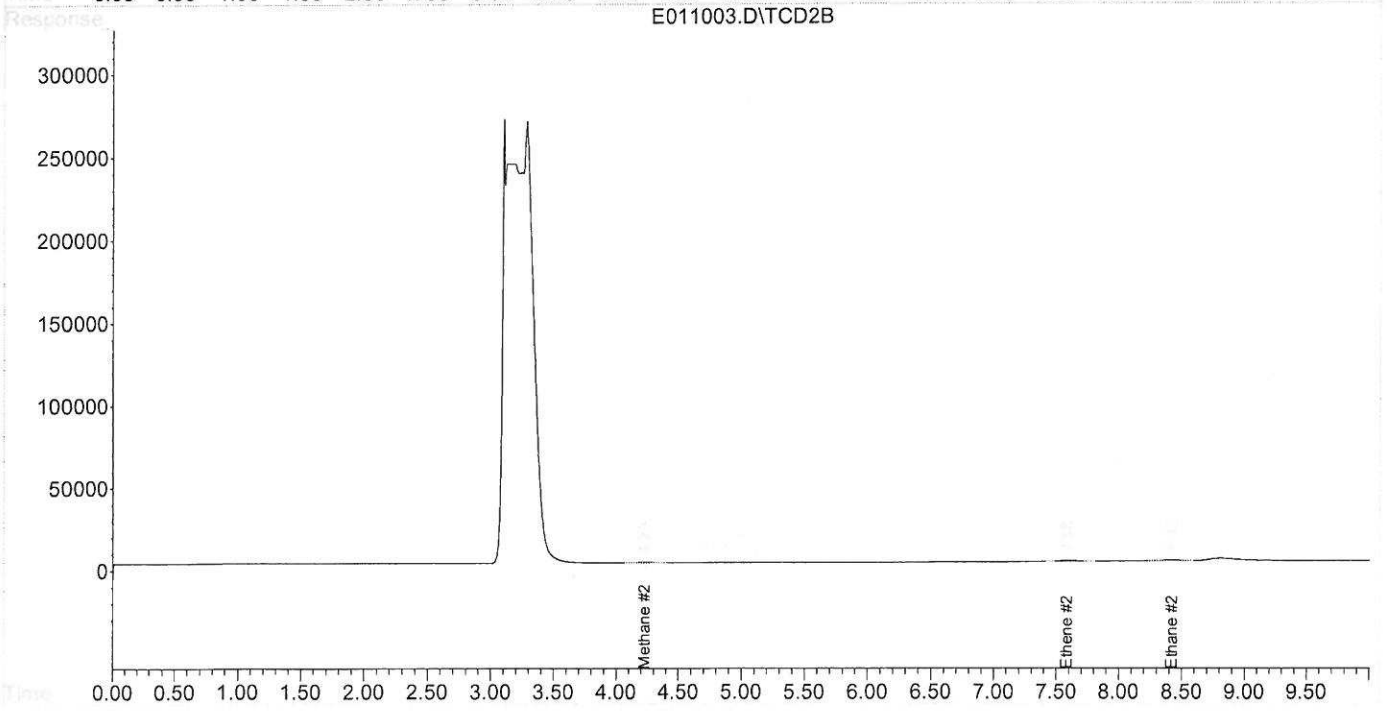
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	66028	N.D.	192.551m
2)	Ethene	0.00	7.57	0	100449	N.D.	201.082m
3)	Ethane	0.00	8.41	0	99785	N.D.	186.006m

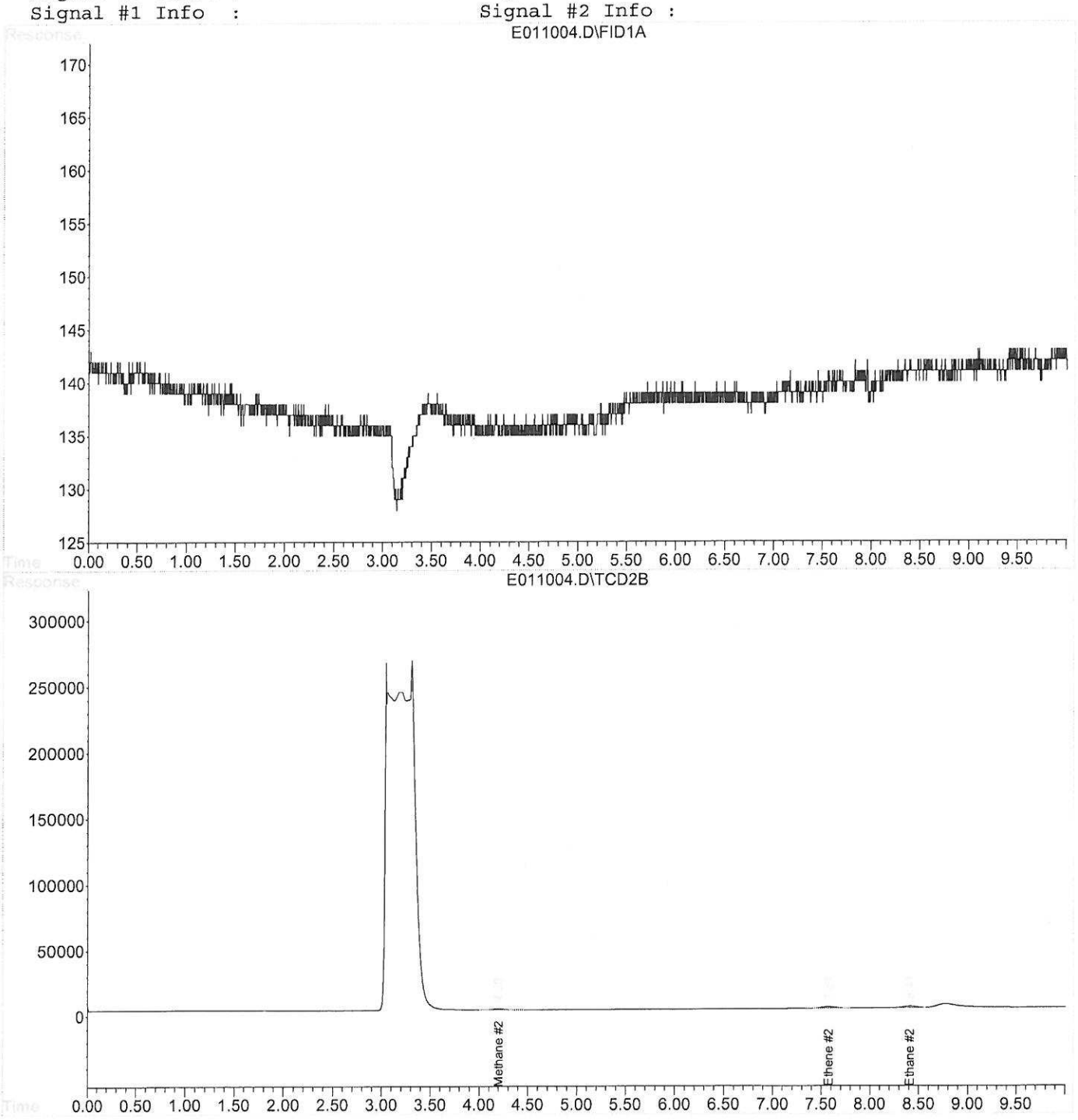
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.19	0	152389	N.D.	444.837
2)	Ethene	0.00	7.57	0	245159	N.D.	491.617m
3)	Ethane	0.00	8.41	0	232164	N.D.	432.007m

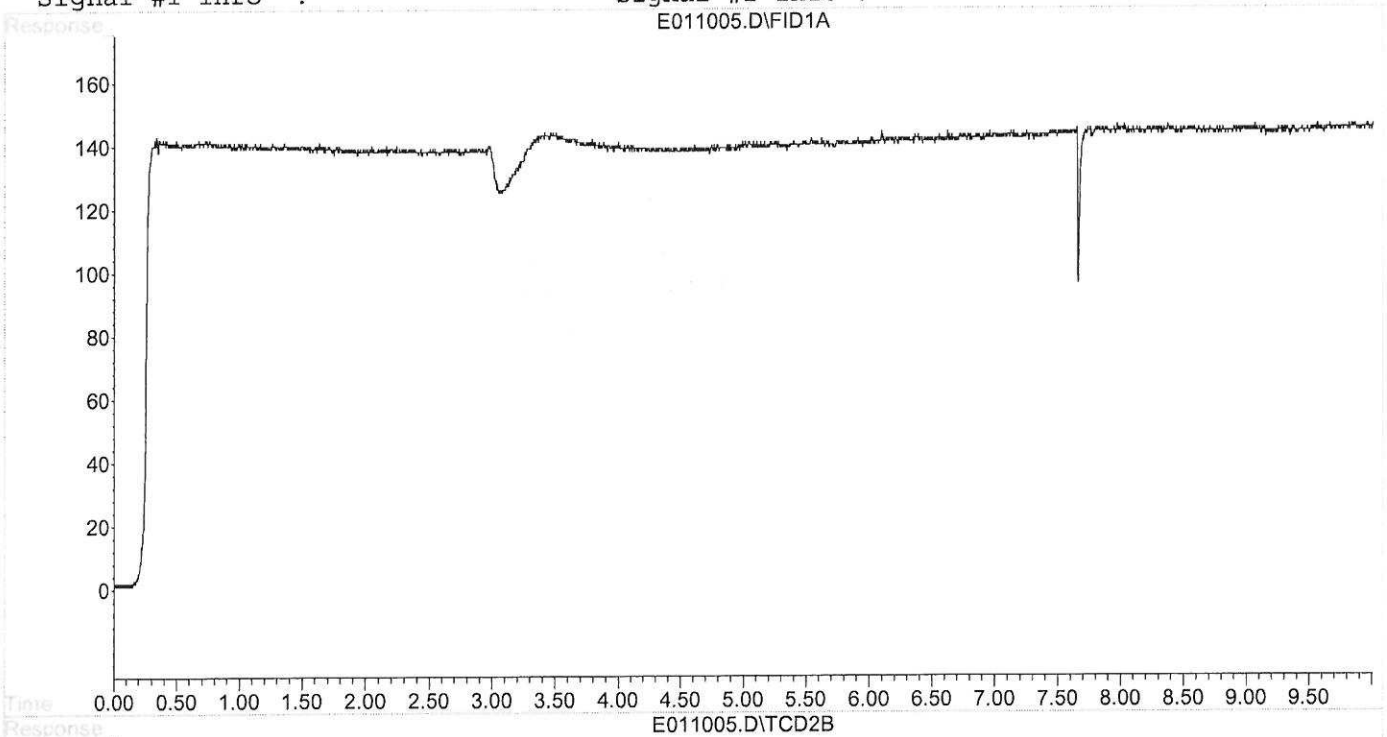
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

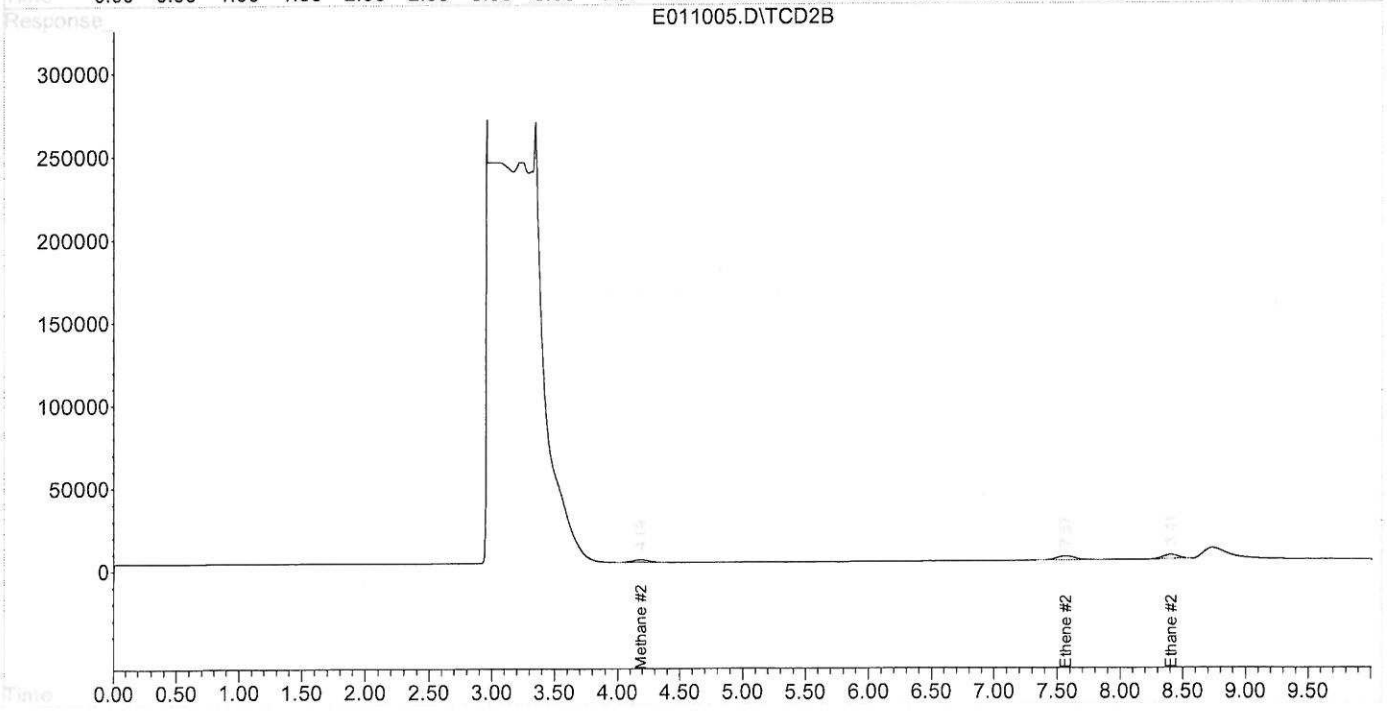
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

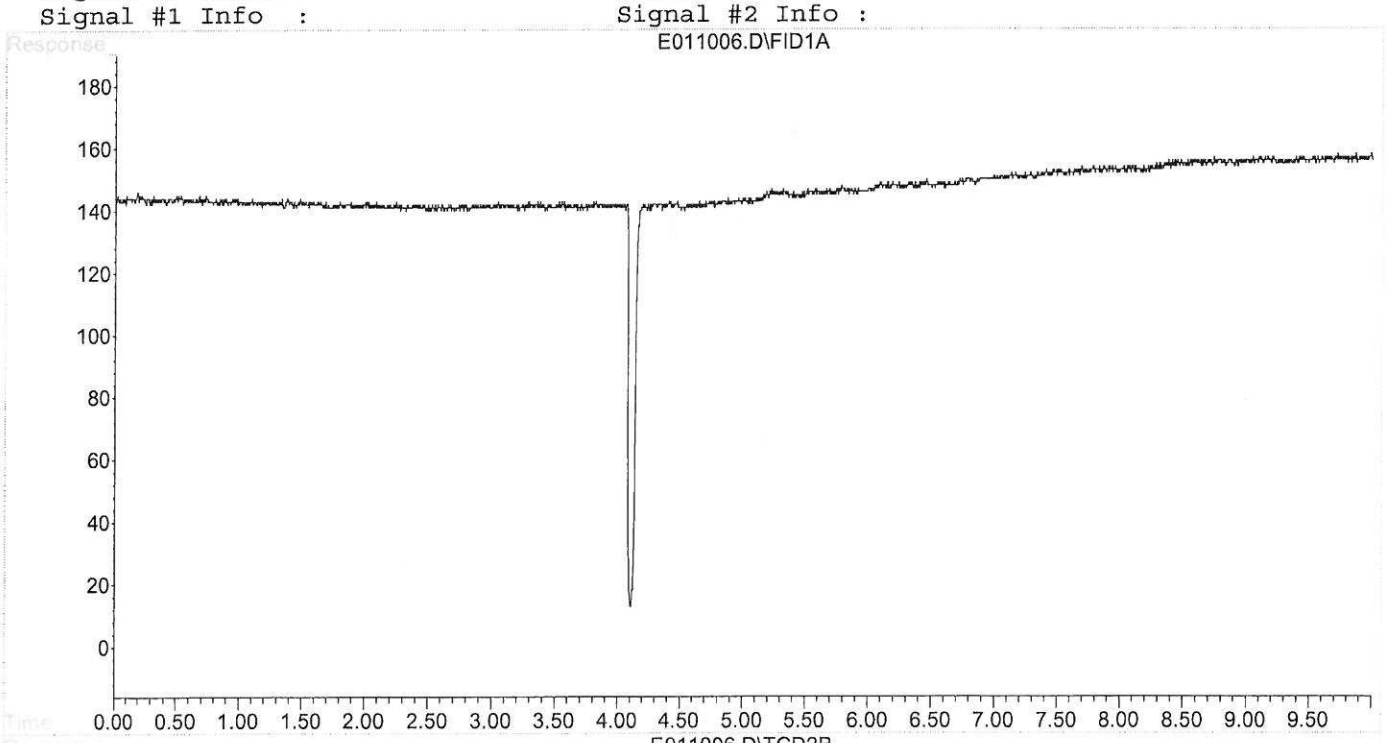
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	365527	N.D.	1067.004
2)	Ethene	0.00	7.59	0	532173	N.D.	1067.253m
3)	Ethane	0.00	8.42	0	577067	N.D.	1074.428m

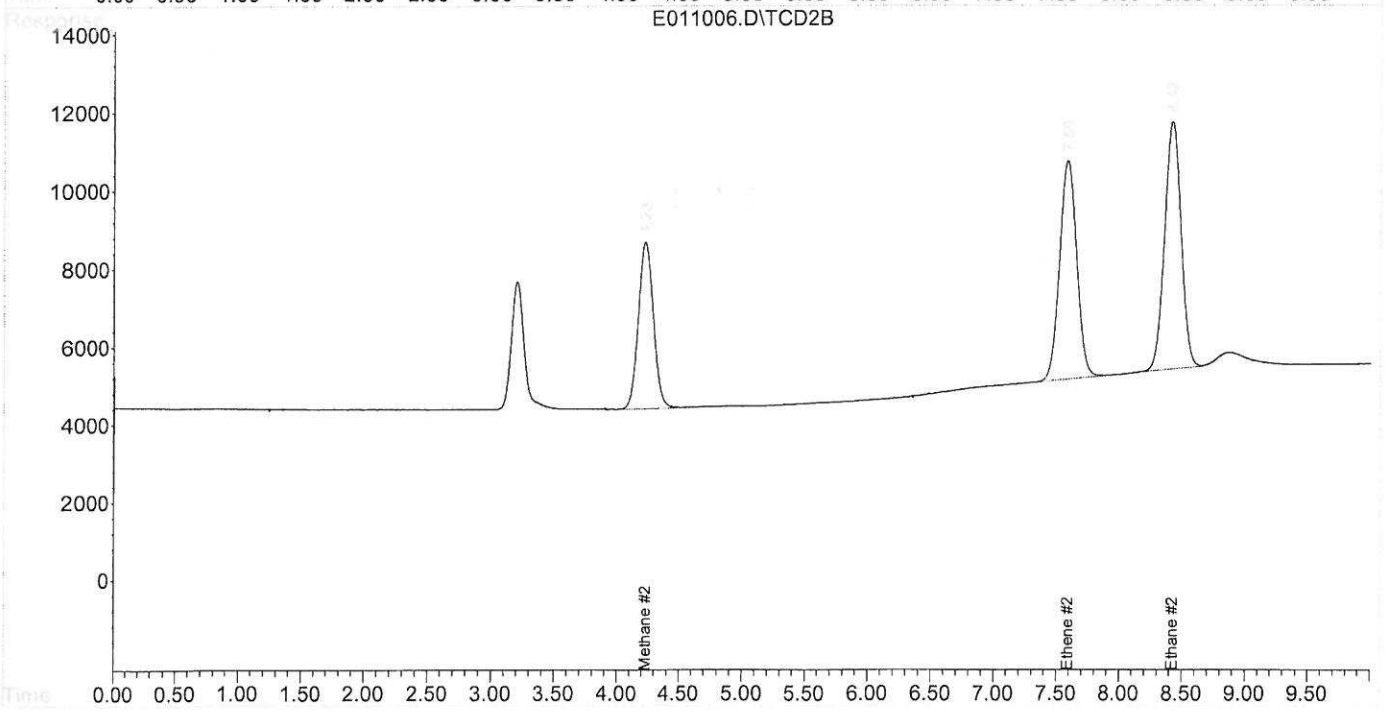
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	731559	N.D.	2135.170m
2)	Ethene	0.00	7.59	0	1063174	N.D.	2132.612m
3)	Ethane	0.00	8.42	0	1143656	N.D.	2128.884m

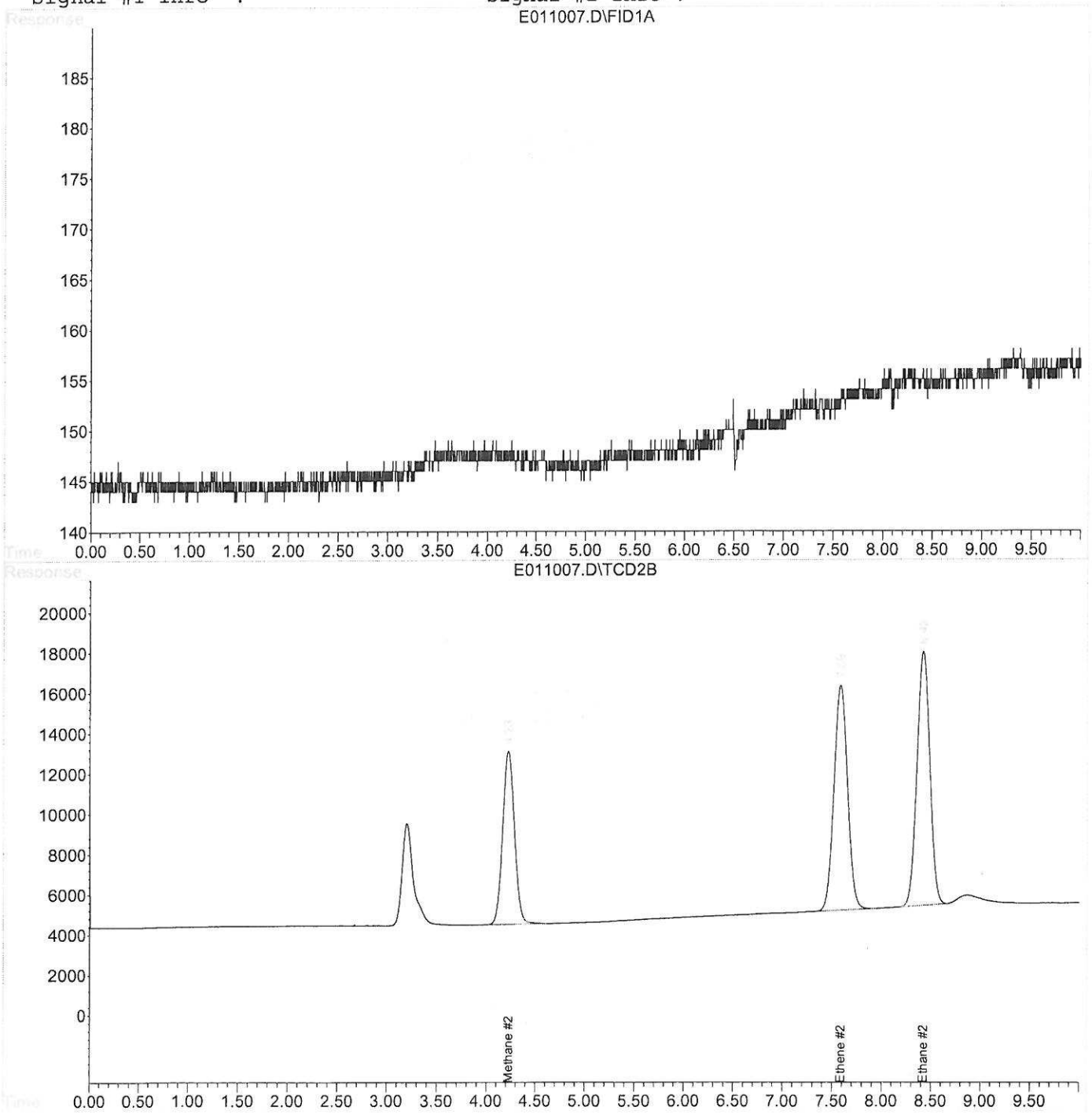
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
E011007.D RSK0110.M Fri Jun 24 10:04:22 2011 5970

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	1759041	N.D.	5134.038
2)	Ethene	0.00	7.59	0	2548262	N.D.	5110.888m
3)	Ethane	0.00	8.42	0	2739155	N.D.	5097.947m

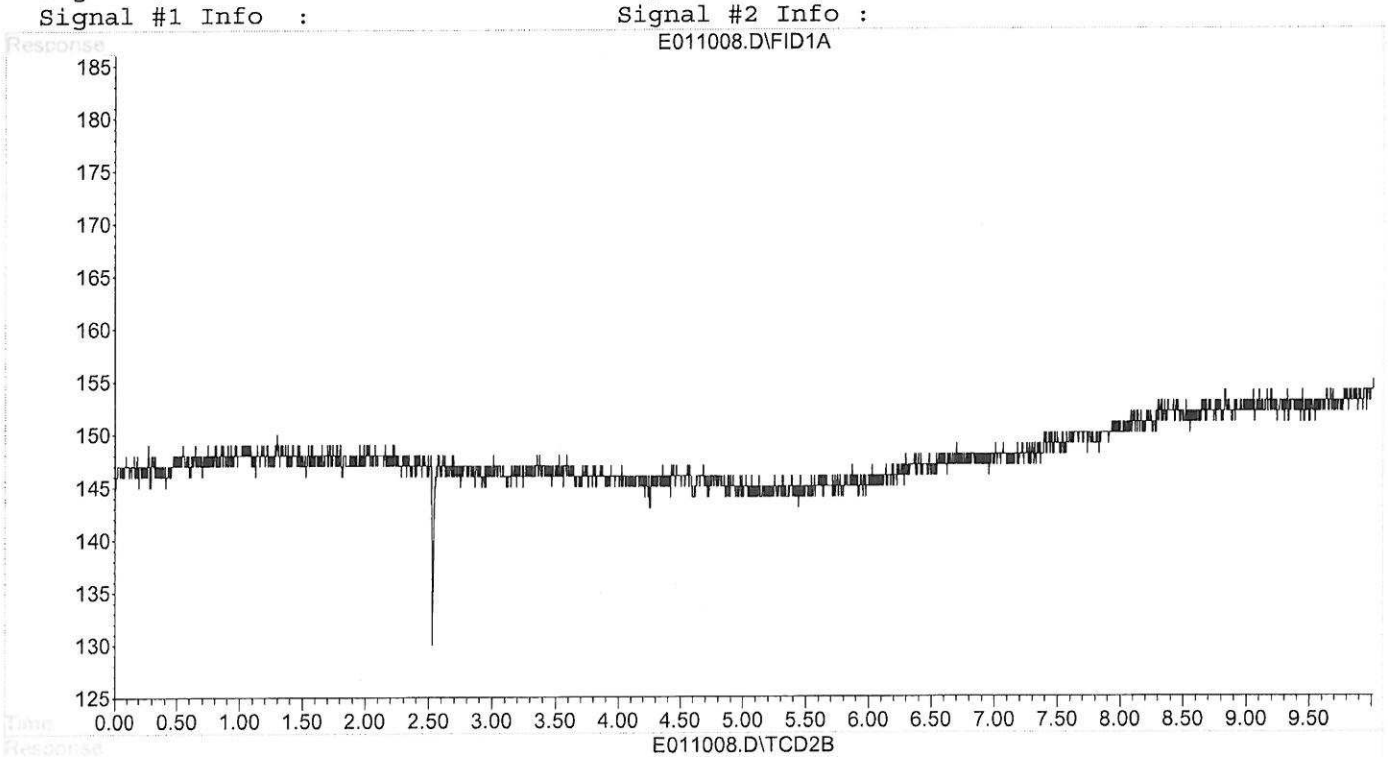
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

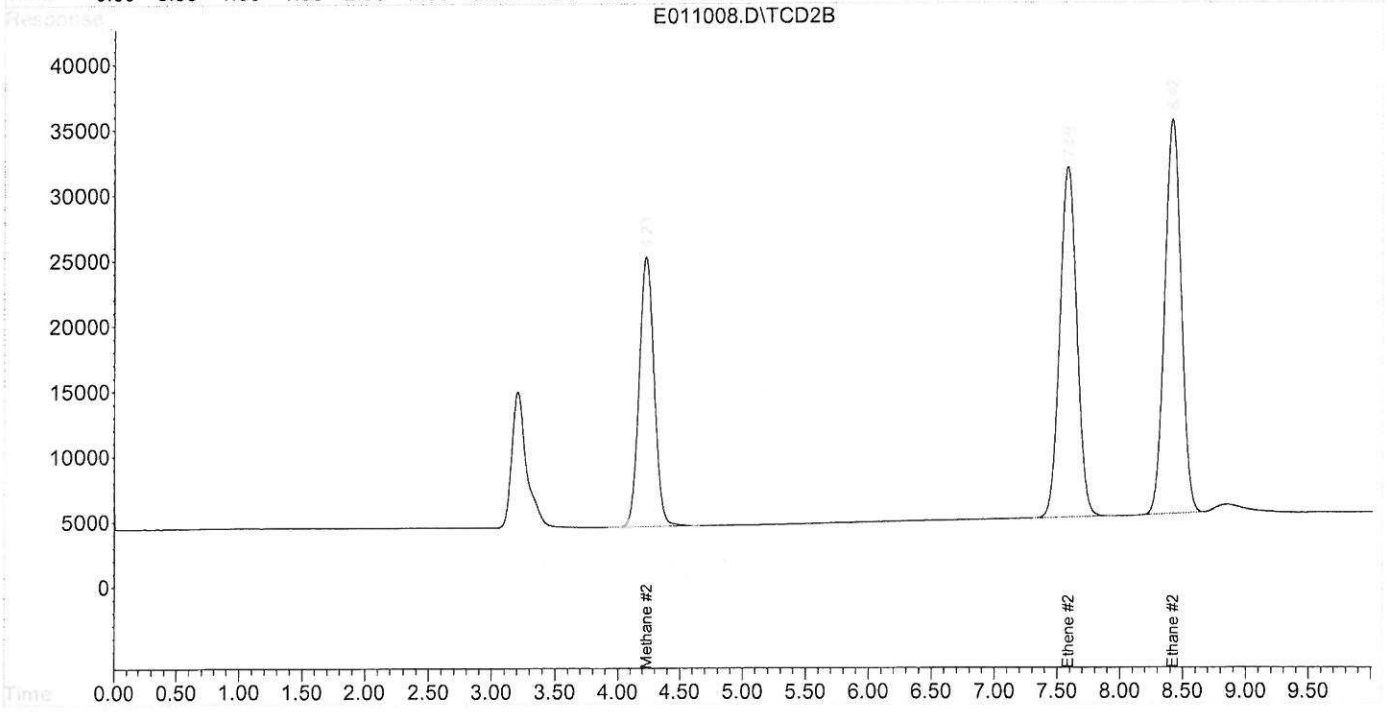
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	3529629	N.D.	10301.778
2)	Ethene	0.00	7.58	0	5125107	N.D.	10279.886m
3)	Ethane	0.00	8.41	0	5494471	N.D.	10223.928m

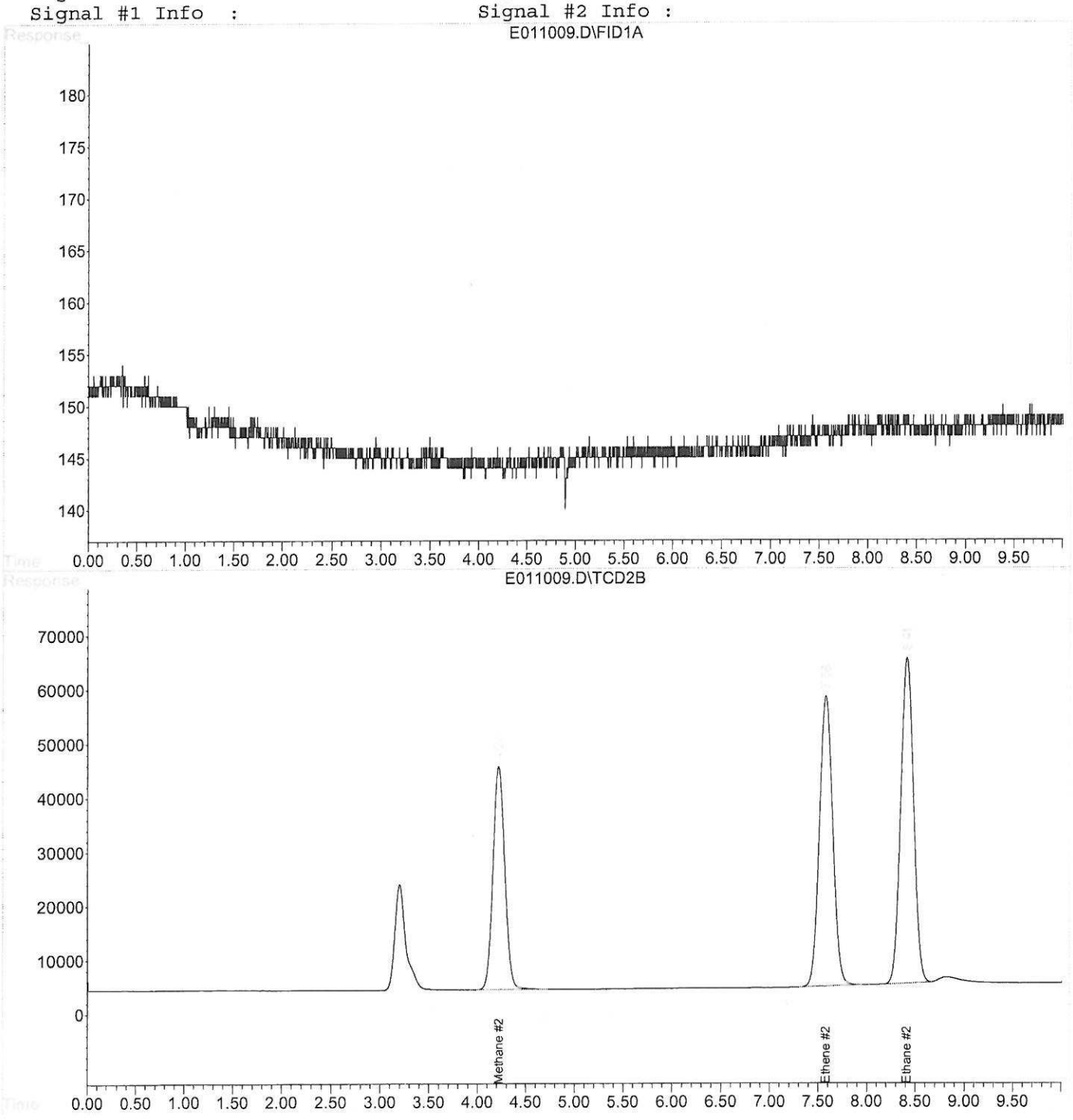
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	7152655	N.D.	20876.151
2)	Ethene	0.00	7.56	0	10383161	N.D.	20825.744m
3)	Ethane	0.00	8.39	0	11146613	N.D.	20734.843m

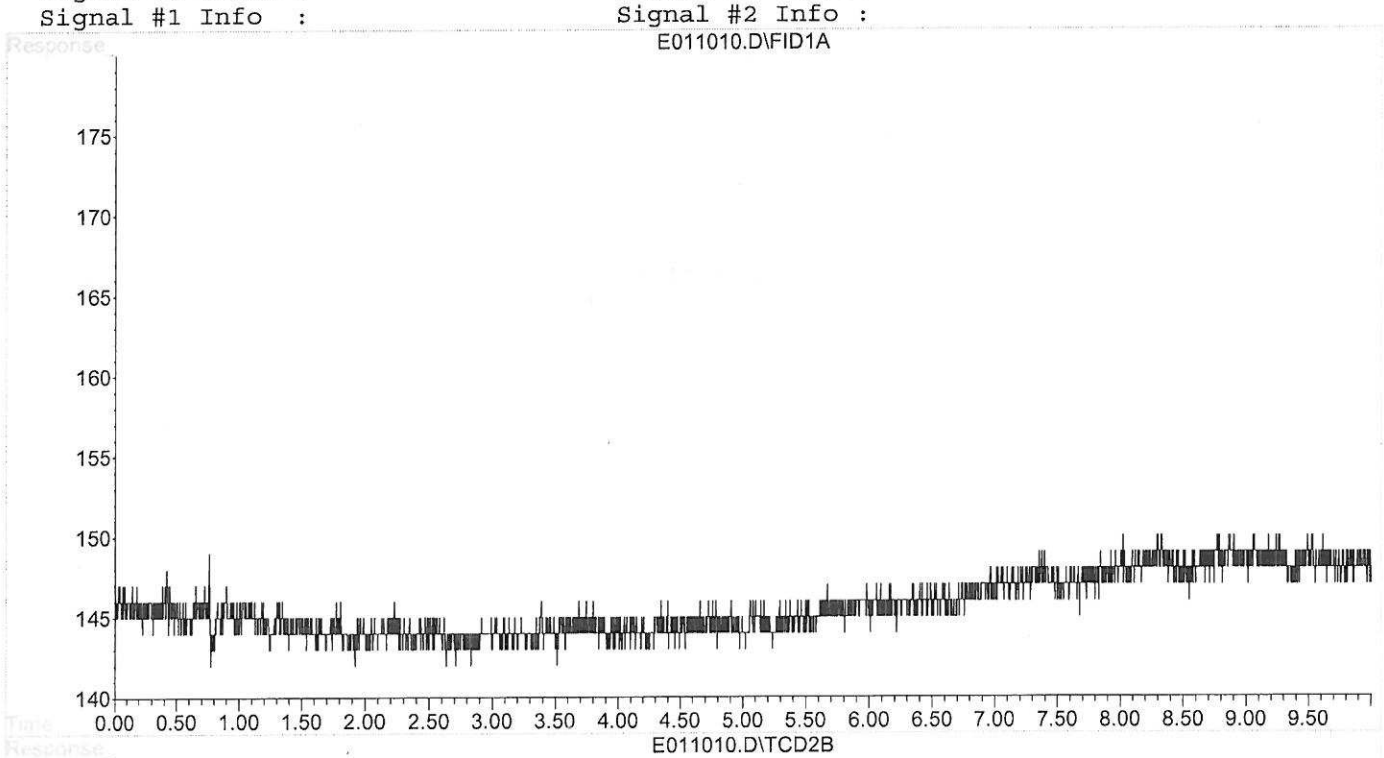
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

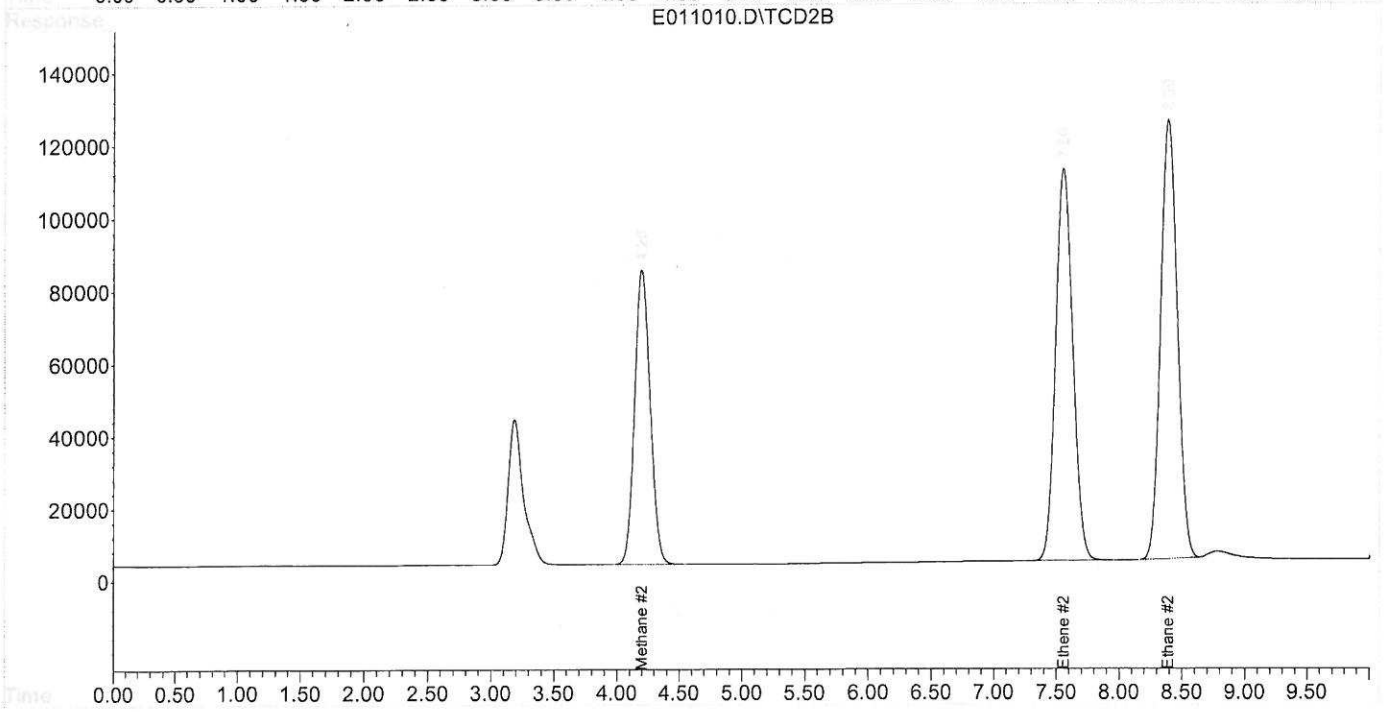
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032603.D	Calibration Date:	01/10/11 00:00
Sequence:	S001950	Injection Date:	03/26/12
Lab Sample ID:	S001950-CCV1	Injection Time:	15:09

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	1950	542.4865	530.22		-2.3	
Ethene	A	2000	2150	496.3629	533.95		7.6	
Methane	A	2000	2170	345.7778	375.852		8.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

335

Data File : R:\E032612B\E032603.D Vial: 3
Acq On : 26 Mar 2012 3:09 pm Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 15:53:43 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

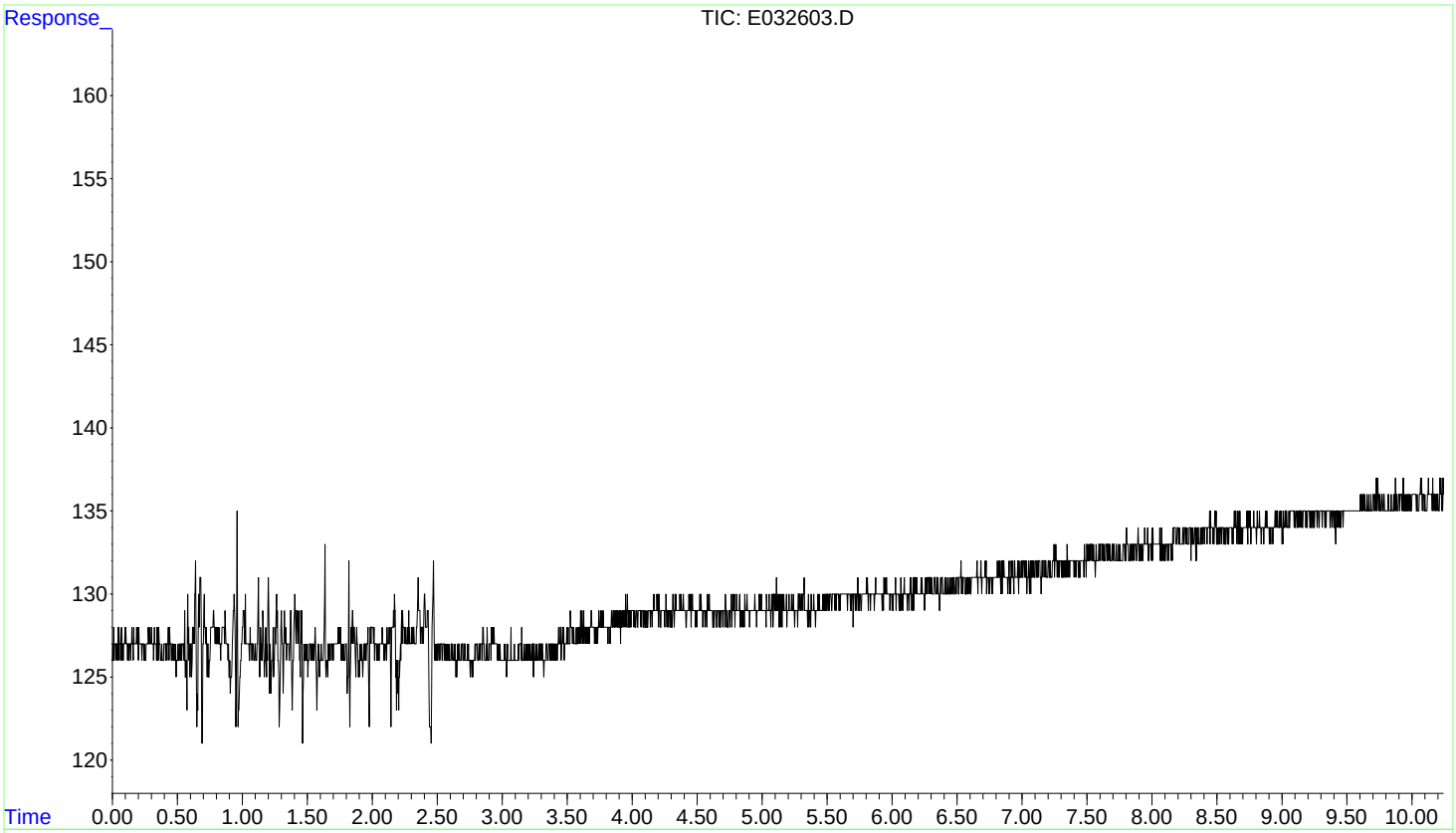
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.199	0	751704	N.D.	2173.940
2)	Ethene	0.000	7.674	0	1067900	N.D.	2151.446m
3)	Ethane	0.000	8.562	0	1060440	N.D.	1954.777m

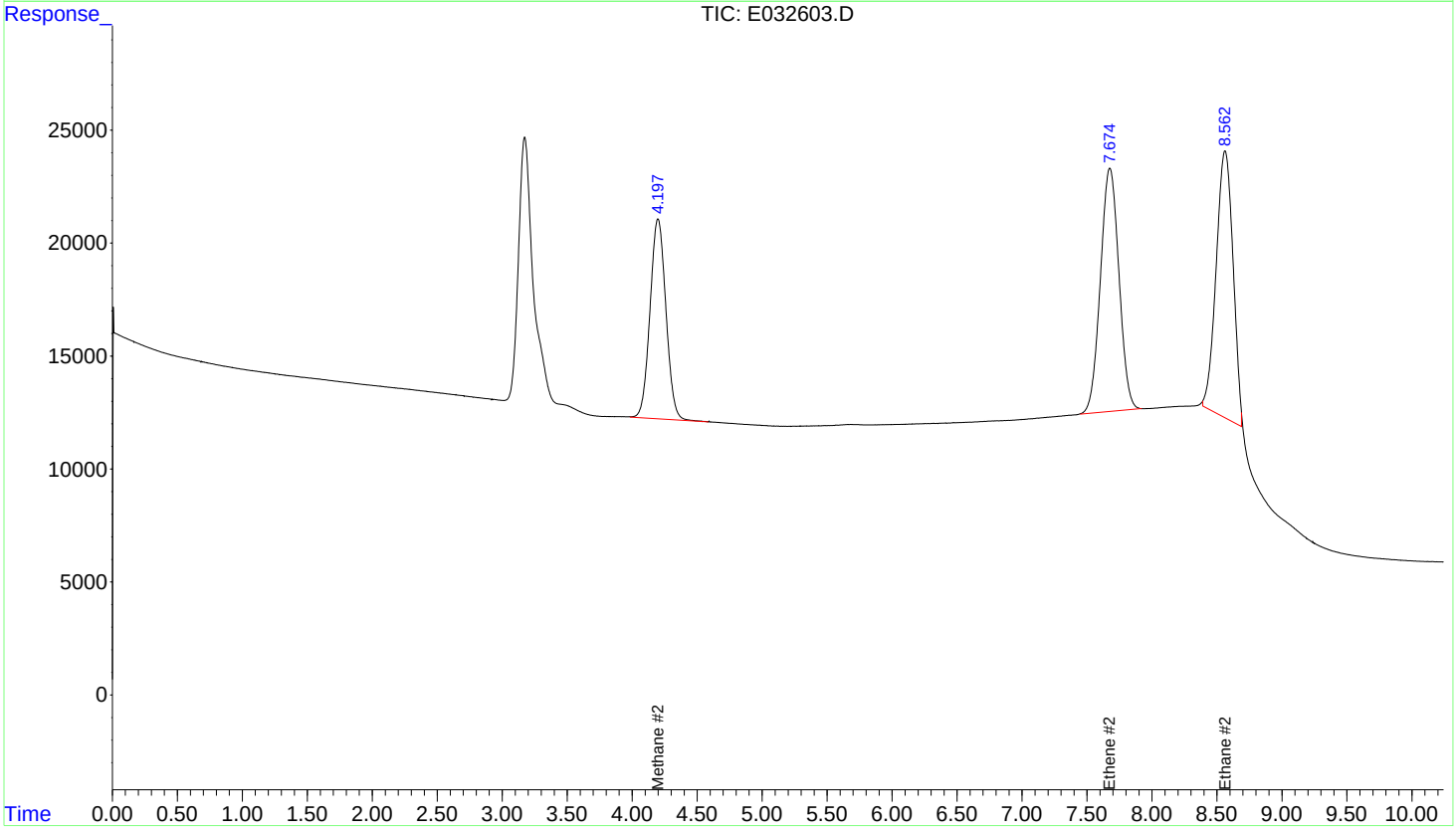
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032612B\E032603.D
Acq On : 26 Mar 2012 3:09 pm
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 15:53:43 2012

Vial: 3
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032612.D	Calibration Date:	01/10/11 00:00
Sequence:	S001950	Injection Date:	03/26/12
Lab Sample ID:	S001950-CCV2	Injection Time:	17:19

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	2110	542.4865	572.978		5.6	
Ethene	A	2000	2180	496.3629	540.2765		8.8	
Methane	A	2000	2110	345.7778	364.3735		5.4	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032612.D Vial: 12
Acq On : 26 Mar 2012 5:19 pm Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 16:08:32 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.196	0	728747	N.D.	2107.547m
2)	Ethene	0.000	7.674	0	1080553	N.D.	2176.936m
3)	Ethane	0.000	8.563	0	1145956	N.D.	2112.414m

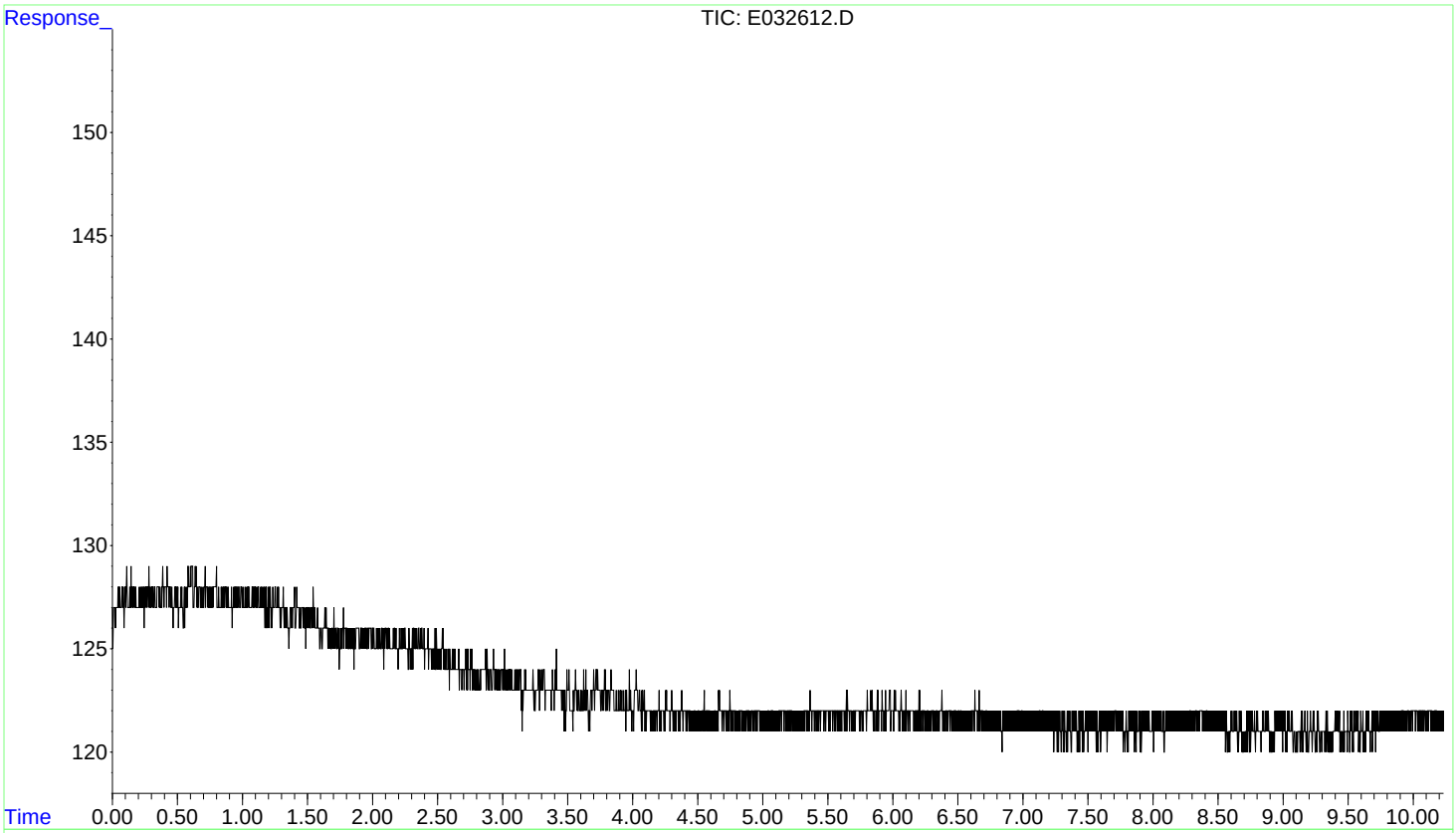
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

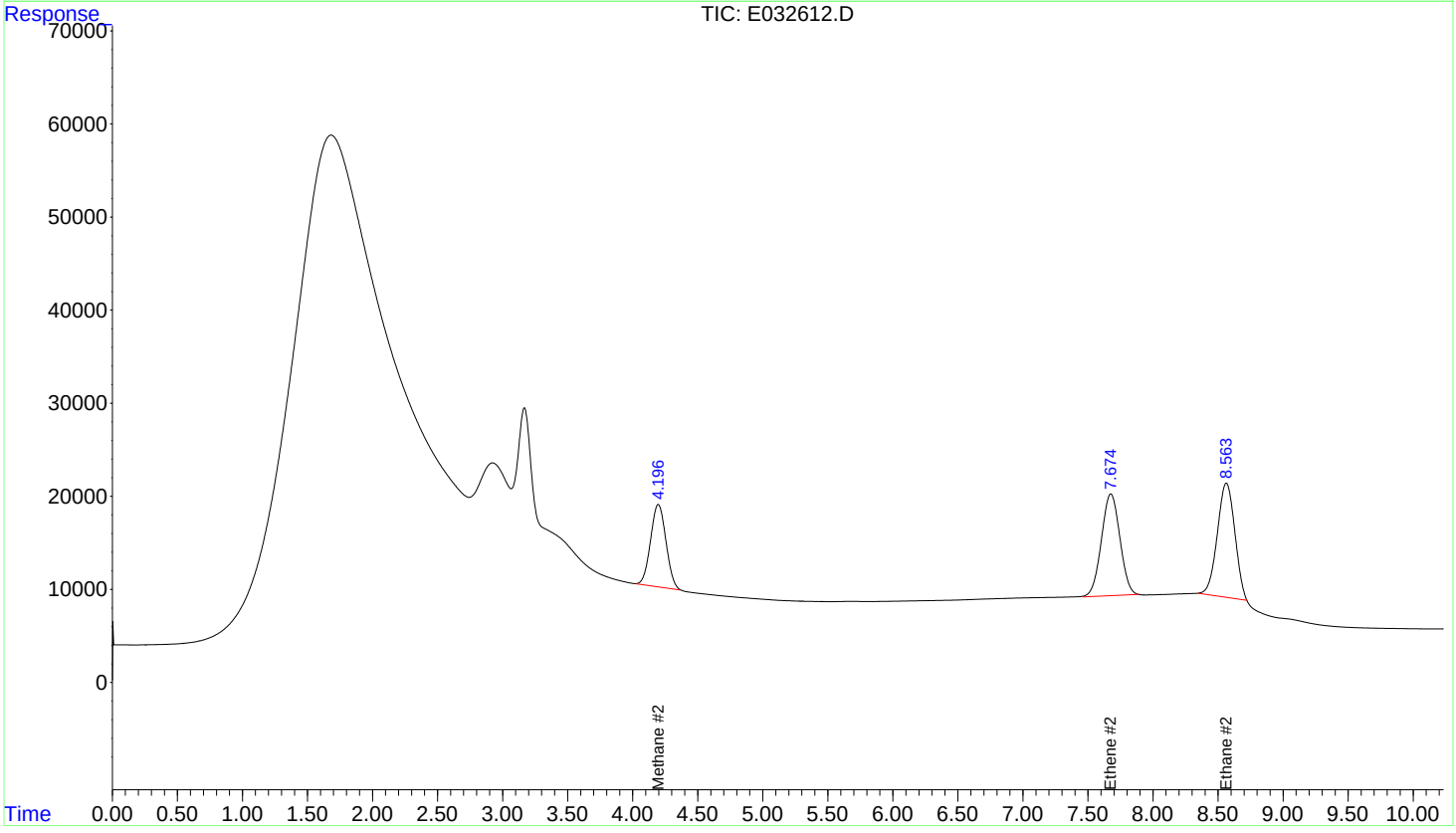
Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032612.D
Acq On : 26 Mar 2012 5:19 pm
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 16:08:32 2012

Vial: 12
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048643-BLK1	File ID:	E032605.D
Sampled:		Prepared:	03/26/12 15:09	Analyzed:	03/26/12 15:42
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

342

Data File : R:\E032612B\E032605.D Vial: 5
Acq On : 26 Mar 2012 3:42 pm Operator: WSD
Sample : MBL 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:05:17 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

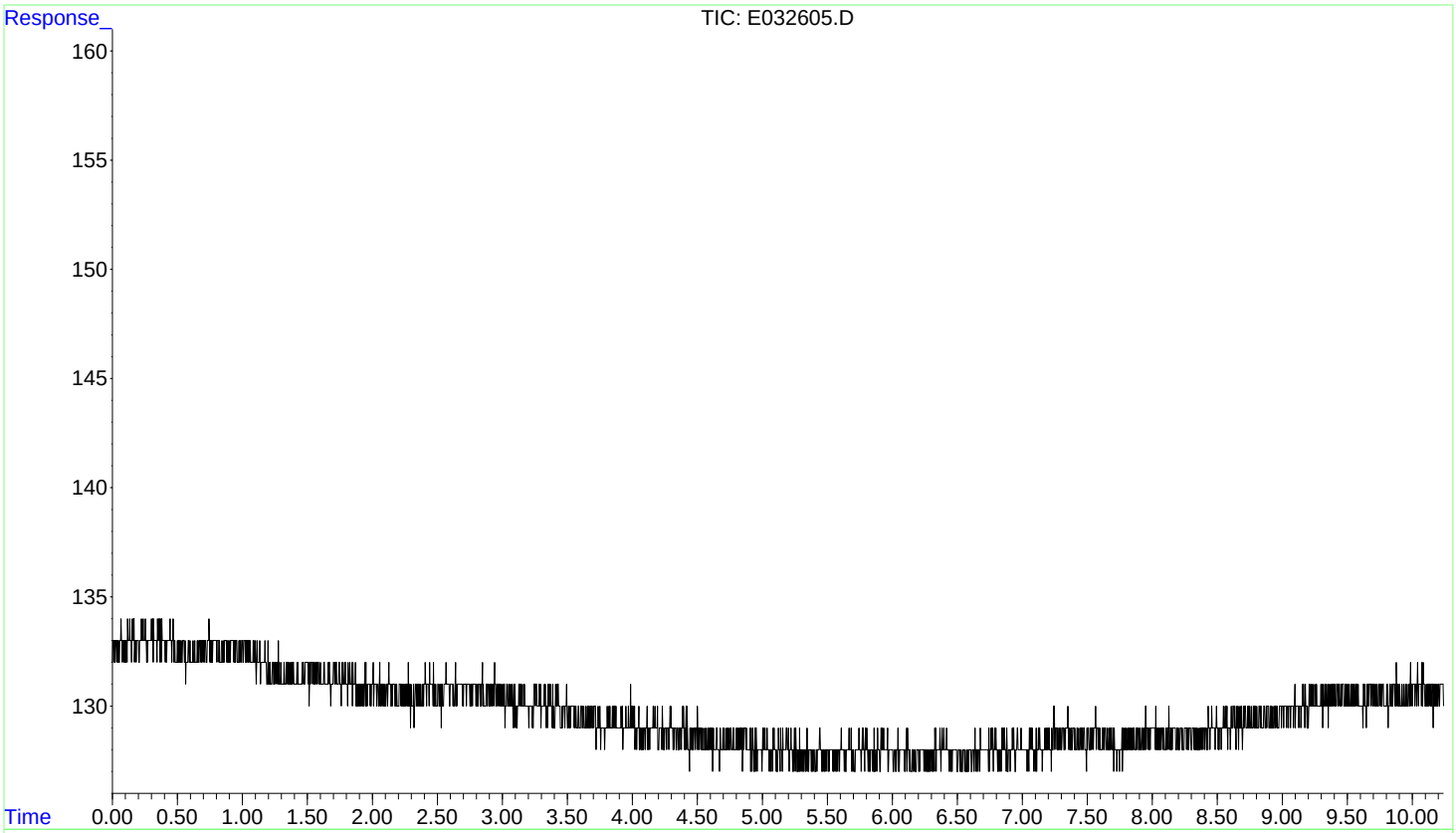
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

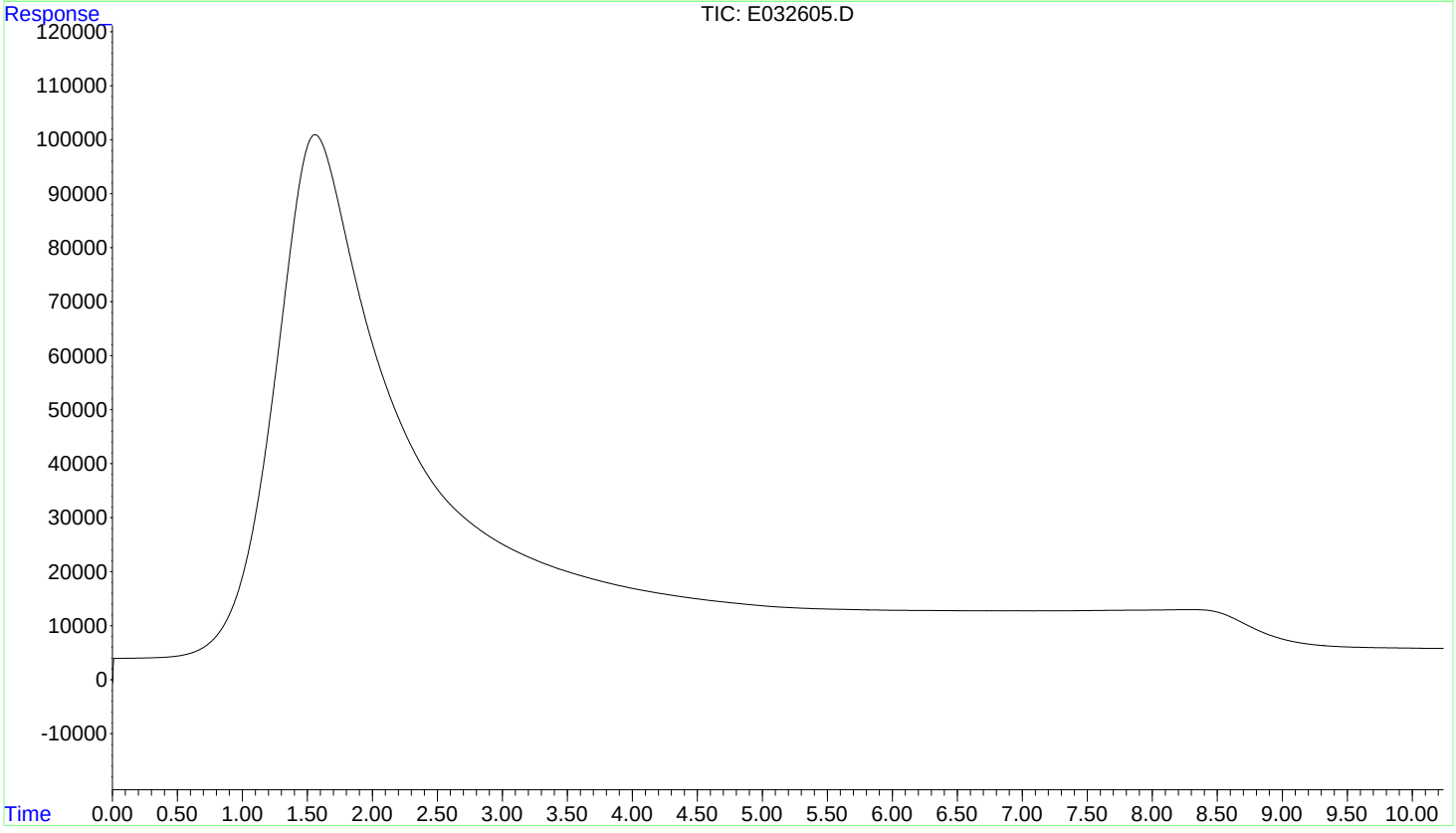
Data File : R:\E032612B\E032605.D
Acq On : 26 Mar 2012 3:42 pm
Sample : MBL 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:05:17 2012

Vial: 5
Operator: WSD
Inst : HP5890
Multiplr: 1.00

343

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0572
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048643-BS1	File ID:	E032604.D
Sampled:		Prepared:	03/26/12 15:09	Analyzed:	03/26/12 15:28
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048643	Sequence:	S001950	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	2000			
74-85-1	Ethene	2100			
74-82-8	Methane	2100			

Quantitation Report (QT Reviewed)

345

Data File : R:\E032612B\E032604.D Vial: 4
Acq On : 26 Mar 2012 3:28 pm Operator: WSD
Sample : 2000PPM RSK-175 QC Inst : HP5890
Misc : CTS-103 Multiplr: 1.00
Quant Time: Apr 13 16:04:31 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.200	0	741182	N.D.	2143.510m
2)	Ethene	0.000	7.675	0	1050104	N.D.	2115.592m
3)	Ethane	0.000	8.563	0	1096569	N.D.	2021.376m

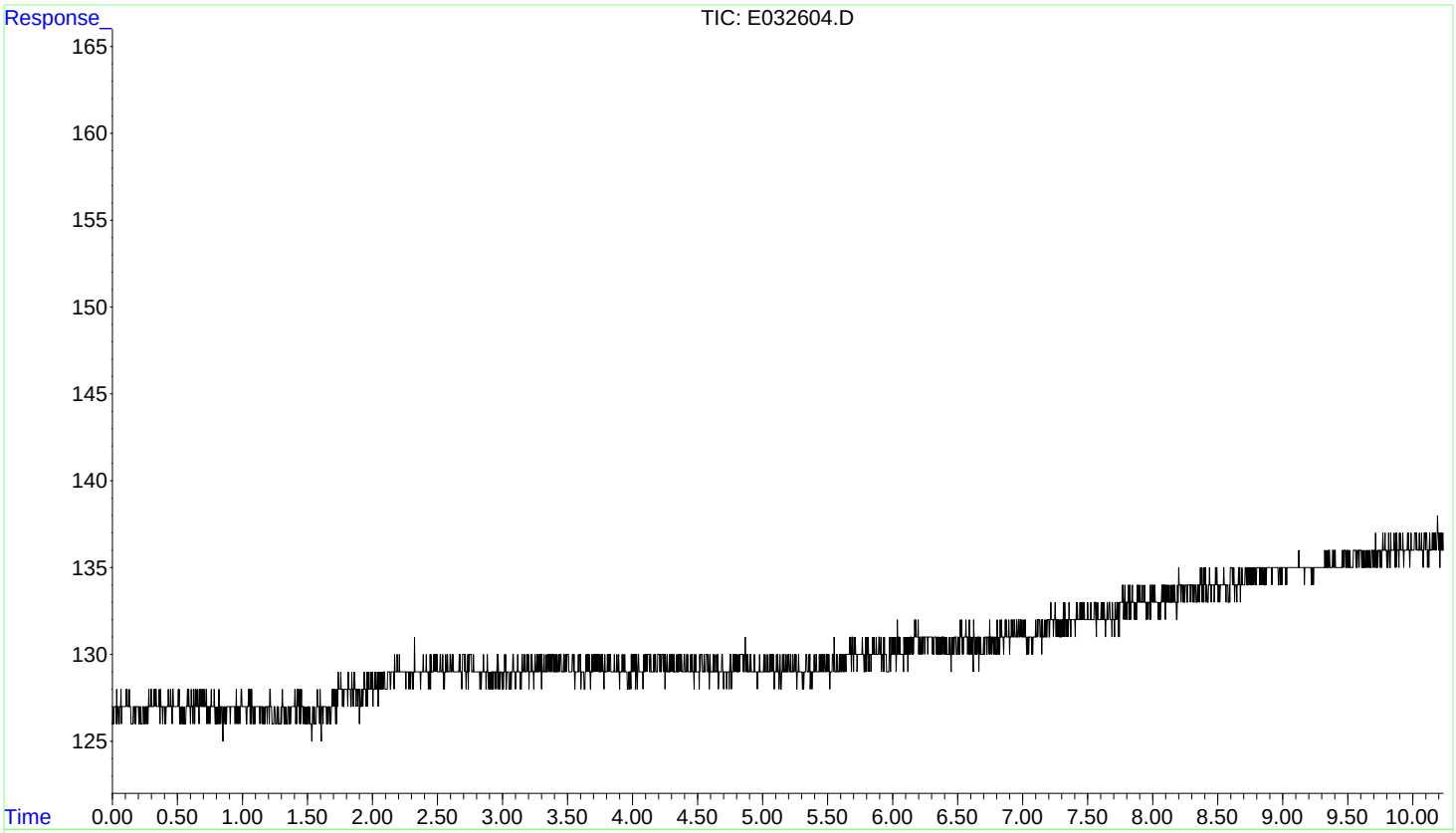
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

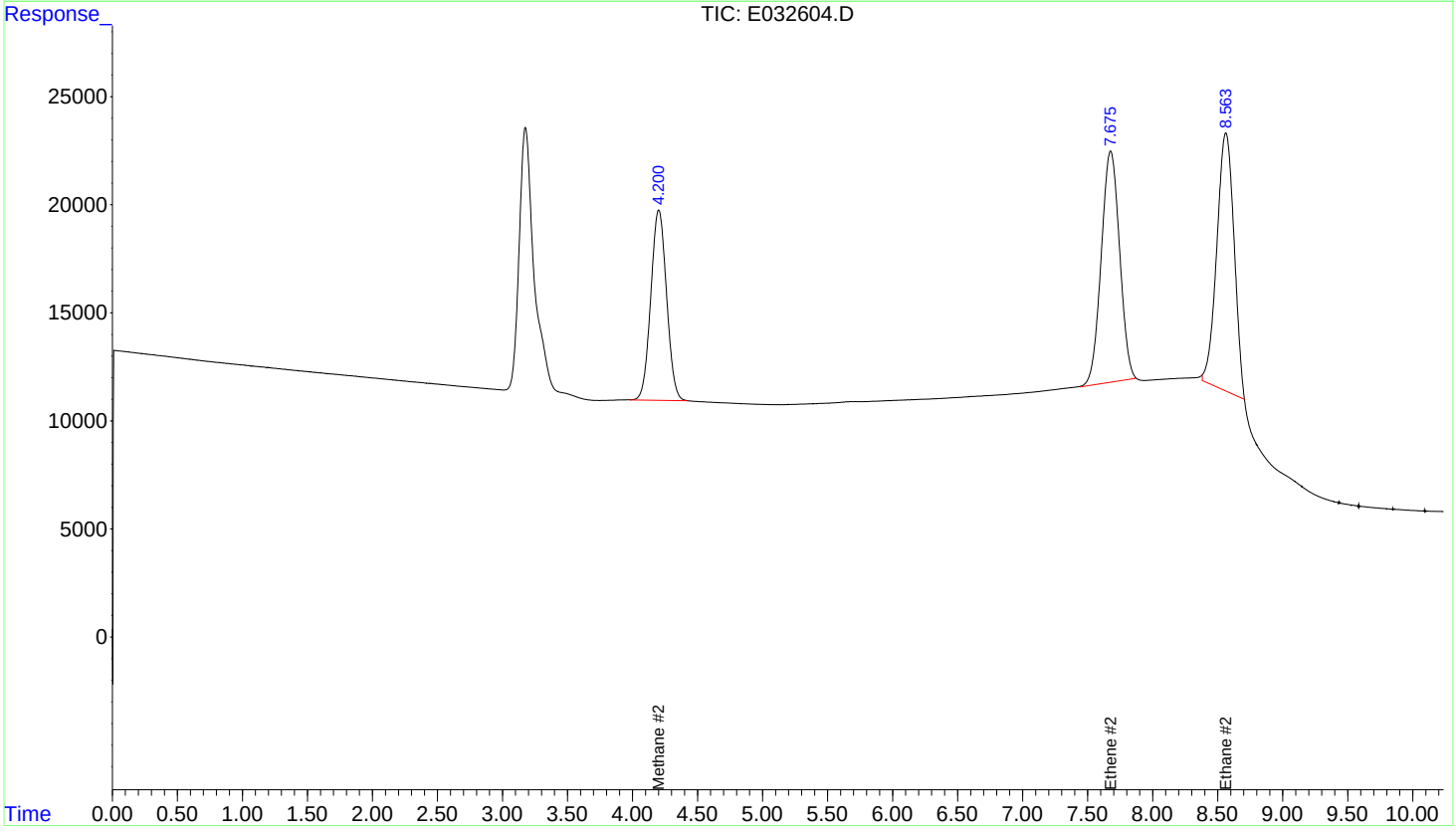
Quantitation Report (QT Reviewed)

Data File : R:\E032612B\E032604.D
Acq On : 26 Mar 2012 3:28 pm
Sample : 2000PPM RSK-175 QC
Misc : CTS-103
Quant Time: Apr 13 16:04:31 2012

Vial: 4
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET
MW-27-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-01
Sampled:	03/19/12 13:34		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	0.073	0.026	0.050	1		B048251	03/21/12 13:27	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03
Sampled:	03/19/12 08:47		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	2.0	0.026	0.050	1		B048251	03/21/12 12:58	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04
Sampled:	03/19/12 09:45		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron		0.026	0.050	1	U	B048251	03/21/12 13:47	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05
Sampled:	03/19/12 09:48		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron		0.026	0.050	1	J	B048251	03/21/12 13:52	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08
Sampled:	03/19/12 15:22		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron		0.026	0.050	1	U	B048251	03/21/12 13:56	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S002022

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S002022-ICV1	Iron	1.00	0.983	98.3	mg/L	+/- 10.00%
S002022-CCV1	Iron	5.00	5.01	100	mg/L	+/- 10.00%
S002022-CCV2	Iron	5.00	5.02	100	mg/L	+/- 10.00%
S002022-CCV3	Iron	5.00	5.05	101	mg/L	+/- 10.00%
S002022-CCV4	Iron	5.00	5.02	100	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S002022		

Lab Sample ID	Analyte	Found	Units	RL	C
S002022-CCB1	Iron	-0.0019	mg/L	0.050	U
B048251-BLK1	Iron	0.0088	mg/L	0.050	U
S002022-CCB2	Iron	-0.0084	mg/L	0.050	U
S002022-CCB3	Iron	-0.0055	mg/L	0.050	U
S002022-CCB4	Iron	-0.013	mg/L	0.050	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S002022		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S002022-IFA1	Iron	0.05	100	95.65	95.7	mg/L
S002022-IFB1	Iron	0.05	100	95.73	95.7	mg/L
S002022-IFA2	Iron	0.05	100	93.79	93.8	mg/L
S002022-IFB2	Iron	0.05	100	93.93	93.9	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 6010C
Batch:	B048251	Preparation:	SW-846 3005A
% Solids:		Laboratory ID:	B048251-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Iron	0.500	2.01	2.50	97.4	75 - 125

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Iron	0.500	2.50	96.8	0.118	20	75 - 125

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DUPLICATES

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048251-DUP1
Batch:	B048251	Initial/Final:	50 mL / 50 mL
Preparation:	SW-846 3005A	Analysis:	SW-846 6010C

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Iron	2.01	2.06	2.28		20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B048251	Laboratory ID:	B048251-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Iron	0.500	0.507	101	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Iron	0.500	0.516	103	1.79	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0572
Client: Ecology & Environment
Matrix: Water
Instrument: ICP1

Analyte	MDL	MRL	Units	Method
Iron	0.026	0.050	mg/L	SW-846 6010C

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048251 Batch Matrix: Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/21/12 07:00	50.00	50.00
PW-8-Ch4-March 2012	12C0572-03	03/21/12 07:00	50.00	50.00
PW-8-Ch0-March-2012	12C0572-04	03/21/12 07:00	50.00	50.00
PW-8-Ch0-March-2012 2	12C0572-05	03/21/12 07:00	50.00	50.00
P2-14-March-2012	12C0572-08	03/21/12 07:00	50.00	50.00
Blank	B048251-BLK1	03/21/12 07:00	50.00	50.00
LCS	B048251-BS1	03/21/12 07:00	50.00	50.00
LCS Dup	B048251-BSD1	03/21/12 07:00	50.00	50.00
PW-8-Ch4-March 2012	B048251-DUP1	03/21/12 07:00	50.00	50.00
PW-8-Ch4-March 2012	B048251-MS1	03/21/12 07:00	50.00	50.00
PW-8-Ch4-March 2012	B048251-MSD1	03/21/12 07:00	50.00	50.00

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SAMPLE DATA

ANALYSIS SEQUENCE

S002022

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 10:35:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S002022-ICV1	QC		1		1203197	1203187		
S002022-CCB1	QC		2		1203068	1203187		
S002022-LCV1	QC		3		1112206	1203187		
S002022-CCV1	QC		4		1203066	1203187		
S002022-IFA1	QC		5		1202133	1203187		
S002022-IFB1	QC		6		1202134	1203187		
B048251-BLK1	QC		7			1203187		
B048251-BS1	QC		8			1203187		
B048251-BSD1	QC		9			1203187		
12C0587-04	Lead 6010 Total	B	10			1203187		
S002022-CCV2	QC		11		1203066	1203187		
S002022-CCB2	QC		12		1203068	1203187		
12C0572-03	Lead 6010 Total	M	13			1203187		BatchQC
12C0572-03	Iron 6010 Total	M	14			1203187		
B048251-DUP1	QC		15			1203187		
B048251-MS1	QC		16			1203187		
B048251-MSD1	QC		17			1203187		
12C0572-01	Iron 6010 Total	E	18			1203187		
S002022-CCV3	QC		19		1203066	1203187		
S002022-CCB3	QC		20		1203068	1203187		
12C0572-04	Iron 6010 Total	E	21			1203187		
12C0572-05	Iron 6010 Total	E	22			1203187		
S002022-CCV4	QC		23		1203066	1203187		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S002022

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 10:35:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12C0572-08	Iron 6010 Total	E	24			1203187		
S002022-CCB4	QC		25		1203068	1203187		
S002022-IFA2	QC		26		1202133	1203187		
S002022-IFB2	QC		27		1202134	1203187		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 03/21/12 07:00 B048251 **Printed: 3/21/2012 7:02:27AM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B048251-BLK1	Blank	50	50		|	
B048251-BS1	LCS	50	50		250 |	
B048251-BSD1	LCS Dup	50	50		250 |	
B048251-DUP1	Duplicate [12C0572-03]	50	50		|	
B048251-MS1	Matrix Spike [12C0572-03]	50	50		250 |	
B048251-MSD1	Matrix Spike Dup [12C0572-03]	50	50		250 |	
12C0572-01	MW-27-March 2012	50	50	03/27/12		
12C0572-03	PW-8-Ch4-March 2012	50	50	03/27/12		
12C0572-04	PW-8-Ch0-March-2012	50	50	03/27/12		
12C0572-05	PW-8-Ch0-March-20122	50	50	03/27/12		
12C0572-08	P2-14-March-2012	50	50	03/27/12		
12C0587-04	Equipment Blank	50	50	03/21/12		

Fe Pb

Standard(s):
1110211 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1203048	Nitric Acid 69-70%	RR1-326

Sr. 2 @ 94.5C 3/21/12 SAJ

Eppen# 4035696

Spike Witness Anne 3/21/12

SAJ 3/21/12
Prepared By Date

AMP 3/21/12
Preparation Reviewed By Date

OPTIMA 1
03/21/12
Analyst: KSH

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		3/21/2012	10:14:05 AM	2937117	0			
Calib Blank 1	Fe		mg/L		3/21/2012	10:13:12 AM	60	8			
Calib Blank 1	Pb		mg/L		3/21/2012	10:14:27 AM	0	138			
S1-17	Y		%		3/21/2012	10:17:35 AM	2886862	1			
S1-17	Fe		mg/L		3/21/2012	10:16:40 AM	8893	1			
S1-17	Pb		mg/L		3/21/2012	10:17:37 AM	18876	1			
SEQ-ICV	Y		%		3/21/2012	10:34:51 AM	2868459	1			
SEQ-ICV	Fe	0.9830	mg/L	98	3/21/2012	10:33:58 AM	874	1	0.9760	0.9908	0.9822
SEQ-ICV	Pb	0.9940	mg/L	99	3/21/2012	10:34:54 AM	1876	1	0.9910	0.9851	1.0060
SEQ-ICB/CCB	Y		%		3/21/2012	10:38:40 AM	2903416	0			
SEQ-ICB/CCB	Fe	-0.0019	mg/L		3/21/2012	10:37:47 AM	-2	214	0.0017	-0.0011	-0.0063
SEQ-ICB/CCB	Pb	0.0019	mg/L		3/21/2012	10:39:03 AM	4	148	0.0035	-0.0014	0.0036
6010C Low Level	Y		%		3/21/2012	10:54:37 AM	2932281	2			
6010C Low Level	Fe	0.0446	mg/L	89	3/21/2012	10:53:44 AM	40	3	0.0432	0.0458	0.0448
6010C Low Level	Pb	0.0091	mg/L	91	3/21/2012	10:54:59 AM	17	46	0.0137	0.0055	0.0081
SEQ-CCV 17	Y		%		3/21/2012	10:58:26 AM	2965108	0			
SEQ-CCV 17	Fe	5.0145	mg/L	100	3/21/2012	10:57:31 AM	4460	1	5.0263	5.0546	4.9627
SEQ-CCV 17	Pb	4.9538	mg/L	99	3/21/2012	10:58:29 AM	9349	1	4.9290	4.9062	5.0261
SEQ-IFA	Y		%		3/21/2012	11:08:13 AM	2634501	0			
SEQ-IFA	Fe	95.6540	mg/L	96	3/21/2012	11:06:59 AM	85067	1	95.0625	96.0009	95.8985
SEQ-IFA	Pb	0.0077	mg/L		3/21/2012	11:08:35 AM	-31	14	0.0052	0.0079	0.0099
SEQ-IFB	Y		%		3/21/2012	11:12:45 AM	2640109	1			
SEQ-IFB	Fe	95.7306	mg/L	96	3/21/2012	11:11:50 AM	85135	0	95.4901	95.4697	96.2319
SEQ-IFB	Pb	0.9610	mg/L	96	3/21/2012	11:13:08 AM	1769	1	0.9604	0.9743	0.9482
B048251-BLK1	Y		%		3/21/2012	11:21:07 AM	2945965	0			
B048251-BLK1	Fe	0.0088	mg/L		3/21/2012	11:20:14 AM	8	37	0.0120	0.0055	0.0090
B048251-BLK1	Pb	-0.0018	mg/L		3/21/2012	11:21:29 AM	-3	30	-0.0017	-0.0023	-0.0013
B048215-BS1	Y		%		3/21/2012	11:25:31 AM	2966801	1			
B048215-BS1	Fe	0.5069	mg/L		3/21/2012	11:24:38 AM	451	1	0.5147	0.5053	0.5007
B048215-BS1	Pb	0.4908	mg/L		3/21/2012	11:25:53 AM	926	2	0.4934	0.4824	0.4967
B048251-BSD1	Y		%		3/21/2012	11:30:54 AM	2931941	1			
B048251-BSD1	Fe	0.5160	mg/L		3/21/2012	11:30:01 AM	459	2	0.5116	0.5102	0.5263
B048251-BSD1	Pb	0.4972	mg/L		3/21/2012	11:31:16 AM	938	1	0.4966	0.5043	0.4907
12C0587-04	Y		%		3/21/2012	11:36:17 AM	2948492	1			
12C0587-04	Fe	-0.0010	mg/L		3/21/2012	11:35:24 AM	-1	151	-0.0013	-0.0024	0.0006
12C0587-04	Pb	-0.0001	mg/L		3/21/2012	11:36:39 AM	0	2405	-0.0002	0.0018	-0.0019
SEQ-CCV 17	Y		%		3/21/2012	12:25:38 PM	3137806	1			
SEQ-CCV 17	Fe	5.0166	mg/L	100	3/21/2012	12:24:43 PM	4461	1	4.9564	5.0835	5.0098
SEQ-CCV 17	Pb	4.9971	mg/L	100	3/21/2012	12:25:40 PM	9430	2	5.1090	4.9317	4.9506
SEQ-ICB/CCB	Y		%		3/21/2012	12:40:31 PM	3158382	1			
SEQ-ICB/CCB	Fe	-0.0084	mg/L		3/21/2012	12:39:38 PM	-7	42	-0.0113	-0.0093	-0.0045
SEQ-ICB/CCB	Pb	0.0041	mg/L		3/21/2012	12:40:53 PM	8	36	0.0058	0.0035	0.0030
12C0572-03	Y		%		3/21/2012	1:01:36 PM	3144232	1			
12C0572-03	Fe	2.0112	mg/L		3/21/2012	1:00:43 PM	1789	1	2.0139	2.0200	1.9997
12C0572-03	Pb	-0.0005	mg/L		3/21/2012	1:01:58 PM	-1	271	-0.0008	0.0015	-0.0021
B048251-DUP1	Y		%		3/21/2012	1:06:00 PM	3124680	1			
B048251-DUP1	Fe	2.0576	mg/L		3/21/2012	1:05:07 PM	1830	1	2.0646	2.0683	2.0400
B048251-DUP1	Pb	-0.0003	mg/L		3/21/2012	1:06:23 PM	-1	166	-0.0007	0.0006	-0.0009
B048251-MS1	Y		%		3/21/2012	1:10:24 PM	3107994	0			
B048251-MS1	Fe	2.4981	mg/L		3/21/2012	1:09:31 PM	2222	1	2.5170	2.5024	2.4750
B048251-MS1	Pb	0.4890	mg/L		3/21/2012	1:10:47 PM	922	1	0.4909	0.4910	0.4851
B048251-MSD1	Y		%		3/21/2012	1:15:48 PM	3132213	0			
B048251-MSD1	Fe	2.4952	mg/L		3/21/2012	1:14:56 PM	2219	0	2.4945	2.4837	2.5074
B048251-MSD1	Pb	0.4887	mg/L		3/21/2012	1:16:11 PM	922	1	0.4844	0.4928	0.4888
12C0572-01	Y		%		3/21/2012	1:31:10 PM	3115975	1			
12C0572-01	Fe	0.0727	mg/L		3/21/2012	1:30:17 PM	65	8	0.0679	0.0715	0.0787
12C0572-01	Pb	0.0000	mg/L		3/21/2012	1:31:32 PM	0	1249	-0.0003	0.0005	-0.0002
SEQ-CCV 17	Y		%		3/21/2012	1:35:37 PM	3179689	1			
SEQ-CCV 17	Fe	5.0517	mg/L	101	3/21/2012	1:34:42 PM	4493	1	5.0175	5.0197	5.1177
SEQ-CCV 17	Pb	4.9257	mg/L	99	3/21/2012	1:35:39 PM	9296	1	4.9763	4.9413	4.8594
SEQ-ICB/CCB	Y		%		3/21/2012	1:46:26 PM	3141292	1			
SEQ-ICB/CCB	Fe	-0.0055	mg/L		3/21/2012	1:45:33 PM	-5	44	-0.0060	-0.0029	-0.0076
SEQ-ICB/CCB	Pb	0.0012	mg/L		3/21/2012	1:46:48 PM	2	194	0.0030	0.0021	-0.0015
12C0572-04	Y		%		3/21/2012	1:50:56 PM	3046801	1			
12C0572-04	Fe	0.0263	mg/L		3/21/2012	1:50:03 PM	23	24	0.0196	0.0274	0.0320
12C0572-04	Pb	-0.0012	mg/L		3/21/2012	1:51:18 PM	-2	175	-0.0005	0.0005	-0.0037
12C0572-05	Y		%		3/21/2012	1:55:27 PM	3105205	1			
12C0572-05	Fe	0.0298	mg/L		3/21/2012	1:54:34 PM	26	9	0.0328	0.0276	0.0288
12C0572-05	Pb	-0.0009	mg/L		3/21/2012	1:55:50 PM	-2	241	-0.0012	0.0014	-0.0029
12C0572-08	Y		%		3/21/2012	1:59:58 PM	3087624	2			
12C0572-08	Fe	0.0052	mg/L		3/21/2012	1:59:05 PM	5	51	0.0021	0.0069	0.0066
12C0572-08	Pb	-0.0016	mg/L		3/21/2012	2:00:20 PM	-3	36	-0.0010	-0.0017	-0.0021
SEQ-CCV 17	Y		%		3/21/2012	2:43:38 PM	3320083	1			

OPTIMA 1
03/21/12
Analyst: KSH

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV 17	Fe	5.0183	mg/L	100	3/21/2012	2:42:43 PM	4463	0	5.0388	5.0138	5.0023
SEQ-CCV 17	Pb	5.0075	mg/L	100	3/21/2012	2:43:40 PM	9450	2	5.0754	4.9178	5.0294
SEQ-ICB/CCB	Y		%		3/21/2012	2:54:25 PM	3284861	1			
SEQ-ICB/CCB	Fe	-0.0126	mg/L		3/21/2012	2:53:32 PM	-11	17	-0.0102	-0.0139	-0.0139
SEQ-ICB/CCB	Pb	-0.0014	mg/L		3/21/2012	2:54:48 PM	-3	50	-0.0006	-0.0017	-0.0019
SEQ-IFA	Y		%		3/21/2012	4:53:03 PM	2823566	1			
SEQ-IFA	Fe	93.7910	mg/L	94	3/21/2012	4:51:50 PM	83410	1	93.1511	94.0039	94.2181
SEQ-IFA	Pb	0.0053	mg/L		3/21/2012	4:53:26 PM	-35	11	0.0028	0.0065	0.0065
SEQ-IFB	Y		%		3/21/2012	4:57:38 PM	2819443	0			
SEQ-IFB	Fe	93.9266	mg/L	94	3/21/2012	4:56:40 PM	83531	0	93.5191	94.1807	94.0799
SEQ-IFB	Pb	0.9209	mg/L	92	3/21/2012	4:58:00 PM	1693	0	0.9205	0.9215	0.9207

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WET

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SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-27-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-01
Sampled:	03/19/12 13:34		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	U	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	6.3	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048302	03/21/12 08:25	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048238	03/20/12 18:00	SM 18-20 4500 P E
14808-79-8	Sulfate	24	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.5	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-03
Sampled:	03/19/12 08:47		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron	1.9	0.16	1.0	5	D	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	3.1	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048302	03/21/12 08:25	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048238	03/20/12 18:00	SM 18-20 4500 P E
14808-79-8	Sulfate	23	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.1	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch0-March-2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-04
Sampled:	03/19/12 09:45		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	J	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	2.6	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048302	03/21/12 08:25	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048238	03/20/12 18:00	SM 18-20 4500 P E
14808-79-8	Sulfate	40	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.2	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
PW-8-Ch0-March-2012 2

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-05
Sampled:	03/19/12 09:48		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	J	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	2.6	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048302	03/21/12 08:25	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048238	03/20/12 18:00	SM 18-20 4500 P E
14808-79-8	Sulfate	30	2.8	4.0	2	D	B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.1	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
P2-14-March-2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0572-08
Sampled:	03/19/12 15:22		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	U	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	3.9	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048302	03/21/12 08:25	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048238	03/20/12 18:00	SM 18-20 4500 P E
14808-79-8	Sulfate	26	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.2	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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INITIAL AND CONTINUING CALIBRATION CHECK

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B048302-CCV1	Nitrite as N	0.100	0.0972	97.2	mg/L	+/- %

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 P E
Batch:	B048238	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048238-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Orthophosphate as P	0.300	ND	0.29	96.5	67.3 - 125

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Orthophosphate as P	0.300	0.30	99.1	2.67	20	67.3 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 NO2 B
Batch:	B048302	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048302-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Nitrite as N	0.100	ND	0.091	91.1	71.8 - 116

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Nitrite as N	0.100	0.093	92.6	1.55	20	71.8 - 116

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM18-20 3500 Fe D
Batch:	B048508	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048508-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Ferrous Iron	4.00	1.9	5.8	99.3	85 - 115

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Ferrous Iron	4.00	5.7	95.9	2.35	20	85 - 115

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 NO3 F
Batch:	B048564	Preparation:	SM 4500 NO3-F
% Solids:		Laboratory ID:	B048564-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Nitrate as N	3.98	3.1	7.0	97.9	60.8 - 138

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Nitrate as N	3.98	7.0	97.9	0.00	20	60.8 - 138

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	ASTM D516-90, 02
Batch:	B048577	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048577-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Sulfate	20.0	23	39	79.0	54.4 - 133

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Sulfate	20.0	39	82.6	1.90	20	54.4 - 133

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 5310B
Batch:	B048633	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048633-MS1
Column:		Sample Lab ID:	12C0572-03

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Total Organic Carbon	5.00	1.11	6.52	108	65.2 - 135

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	5.00	6.72	112	3.14	20	65.2 - 135

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DUPLICATES

PW-8-Ch4-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048508-DUP1
Batch:	B048508	Initial/Final:	50 mL / 50 mL
Preparation:	NO PREP	Analysis:	SM18-20 3500 Fe D

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Ferrous Iron	1.9	1.8 D	5.61		20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048238	Laboratory ID:	B048238-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Orthophosphate as P	0.420	0.40	95.1	87.4 - 119

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Orthophosphate as P	0.420	0.42	101	6.09	11.2	87.4 - 119

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048302	Laboratory ID:	B048302-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrite as N	0.100	0.10	101	90.9 - 113

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrite as N	0.100	0.10	102	0.698	6.88	90.9 - 113

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048508	Laboratory ID:	B048508-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ferrous Iron	0.800	0.79	98.4	85 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Ferrous Iron	0.800	0.79	98.4	0.00	20	85 - 115

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SM 4500 NO3-F
Batch:	B048564	Laboratory ID:	B048564-BS1
Column:		Initial/Final:	25 mL / 25 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrate as N	3.71	3.7	99.7	94.7 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrate as N	3.71	3.7	99.5	0.271	3.36	94.7 - 112

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048577	Laboratory ID:	B048577-BS1
Column:		Initial/Final:	100 mL / 100 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Sulfate	20.0	19	95.8	81.5 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Sulfate	20.0	19	95.3	0.471	10.6	81.5 - 115

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048633	Laboratory ID:	B048633-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Total Organic Carbon	10.0	10.2	102	88.3 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	10.0	10.6	106	3.95	6.58	88.3 - 112

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0572
Client: Ecology & Environment
Matrix: Water
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Sulfate	2.0	2.0	mg/L	ASTM D516-90, 02
Nitrite as N	0.0060	0.010	mg/L	M 18-20 4500 NO2
Nitrate as N	0.036	0.050	mg/L	M 18-20 4500 NO3
Orthophosphate as P	0.030	0.050	mg/L	SM 18-20 4500 P E
Total Organic Carbon	0.85	1.0	mg/L	SM 5310B
Ferrous Iron	0.033	0.20	mg/L	SM18-20 3500 Fe D

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PREPARATION BATCH SUMMARY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048238 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/20/12 18:00	50.00	50.00
PW-8-Ch4-March 2012	12C0572-03	03/20/12 18:00	50.00	50.00
PW-8-Ch0-March-2012	12C0572-04	03/20/12 18:00	50.00	50.00
PW-8-Ch0-March-2012 2	12C0572-05	03/20/12 18:00	50.00	50.00
P2-14-March-2012	12C0572-08	03/20/12 18:00	50.00	50.00
Blank	B048238-BLK1	03/20/12 18:00	50.00	50.00
LCS	B048238-BS1	03/20/12 18:00	50.00	50.00
LCS Dup	B048238-BSD1	03/20/12 18:00	50.00	50.00
PW-8-Ch4-March 2012	B048238-MS1	03/20/12 18:00	50.00	50.00
PW-8-Ch4-March 2012	B048238-MSD1	03/20/12 18:00	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048302 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/21/12 08:25	50.00	50.00
PW-8-Ch4-March 2012	12C0572-03	03/21/12 08:25	50.00	50.00
PW-8-Ch0-March-2012	12C0572-04	03/21/12 08:25	50.00	50.00
PW-8-Ch0-March-2012 2	12C0572-05	03/21/12 08:25	50.00	50.00
P2-14-March-2012	12C0572-08	03/21/12 08:25	50.00	50.00
Blank	B048302-BLK1	03/21/12 08:25	50.00	50.00
LCS	B048302-BS1	03/21/12 08:25	50.00	50.00
LCS Dup	B048302-BSD1	03/21/12 08:25	50.00	50.00
Calibration Check	B048302-CCV1	03/21/12 08:25	50.00	50.00
PW-8-Ch4-March 2012	B048302-MS1	03/21/12 08:25	50.00	50.00
PW-8-Ch4-March 2012	B048302-MSD1	03/21/12 08:25	50.00	50.00

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PREPARATION BATCH SUMMARY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048508 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/22/12 16:00	50.00	50.00
PW-8-Ch4-March 2012	12C0572-03	03/22/12 16:00	50.00	50.00
PW-8-Ch0-March-2012	12C0572-04	03/22/12 16:00	50.00	50.00
PW-8-Ch0-March-2012 2	12C0572-05	03/22/12 16:00	50.00	50.00
P2-14-March-2012	12C0572-08	03/22/12 16:00	50.00	50.00
Blank	B048508-BLK1	03/22/12 16:00	50.00	50.00
LCS	B048508-BS1	03/22/12 16:00	50.00	50.00
LCS Dup	B048508-BSD1	03/22/12 16:00	50.00	50.00
PW-8-Ch4-March 2012	B048508-DUP1	03/22/12 16:00	50.00	50.00
PW-8-Ch4-March 2012	B048508-MS1	03/22/12 16:00	50.00	50.00
PW-8-Ch4-March 2012	B048508-MSD1	03/22/12 16:00	50.00	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048564 Batch Matrix: Water	Preparation:	SM 4500 NO3-F

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/26/12 11:35	25.00	25.00
PW-8-Ch4-March 2012	12C0572-03	03/26/12 11:35	25.00	25.00
PW-8-Ch0-March-2012	12C0572-04	03/26/12 11:35	25.00	25.00
PW-8-Ch0-March-2012 2	12C0572-05	03/26/12 11:35	25.00	25.00
P2-14-March-2012	12C0572-08	03/26/12 11:35	25.00	25.00
Blank	B048564-BLK1	03/26/12 11:35	25.00	25.00
LCS	B048564-BS1	03/26/12 11:35	25.00	25.00
LCS Dup	B048564-BSD1	03/26/12 11:35	25.00	25.00
PW-8-Ch4-March 2012	B048564-MS1	03/26/12 11:35	25.00	25.00
PW-8-Ch4-March 2012	B048564-MSD1	03/26/12 11:35	25.00	25.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048577 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/26/12 18:20	100.00	100.00
PW-8-Ch4-March 2012	12C0572-03	03/26/12 18:20	100.00	100.00
PW-8-Ch0-March-2012	12C0572-04	03/26/12 18:20	100.00	100.00
PW-8-Ch0-March-2012 2	12C0572-05	03/26/12 18:20	50.00	100.00
P2-14-March-2012	12C0572-08	03/26/12 18:20	100.00	100.00
Blank	B048577-BLK1	03/26/12 18:20	100.00	100.00
LCS	B048577-BS1	03/26/12 18:20	100.00	100.00
LCS Dup	B048577-BSD1	03/26/12 18:20	100.00	100.00
PW-8-Ch4-March 2012	B048577-MS1	03/26/12 18:20	100.00	100.00
PW-8-Ch4-March 2012	B048577-MSD1	03/26/12 18:20	100.00	100.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0572
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048633 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-27-March 2012	12C0572-01	03/23/12 08:17	50.00	50.00
PW-8-Ch4-March 2012	12C0572-03	03/23/12 08:17	50.00	50.00
PW-8-Ch0-March-2012	12C0572-04	03/23/12 08:17	50.00	50.00
PW-8-Ch0-March-2012 2	12C0572-05	03/23/12 08:17	50.00	50.00
P2-14-March-2012	12C0572-08	03/23/12 08:17	50.00	50.00
Blank	B048633-BLK1	03/23/12 08:17	50.00	50.00
LCS	B048633-BS1	03/23/12 08:17	50.00	50.00
LCS Dup	B048633-BSD1	03/23/12 08:17	50.00	50.00
PW-8-Ch4-March 2012	B048633-MS1	03/23/12 08:17	50.00	50.00
PW-8-Ch4-March 2012	B048633-MSD1	03/23/12 08:17	50.00	50.00

PREPARATION BENCH SHEET

B048302

Con-Test Analytical Laboratory

'rinted: 3/21/2012 1:51:22PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments mg/L
12B0687-03	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1		.030 =
12C0572-01	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1	Ecology & Environment	.005
12C0572-03	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1	Ecology & Environment	.010
12C0572-04	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1	Ecology & Environment	.001
12C0572-05	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1	Ecology & Environment	.002
12C0572-08	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1	Ecology & Environment	.003
12C0596-01	Nitrite-Nitrogen (NO2)	03/21/12 08:25	10	50				5x		.145
12C0598-06	Nitrite-Nitrogen (NO2)	03/21/12 08:25	50	50				1		.185
B048302-BLK1	QC	03/21/12 ~~11:30~~	50	50				1		.003
B048302-BS1	QC	03/21/12 ~~11:30~~	50	50	1202153		500	1	TV=0.10 mg/L	.288 101%
B048302-BSD1	QC 8:25 AM	03/21/12 ~~11:30~~	50	50	1202153		500	1		.290 102%
B048302-CCV1	QC VK	03/21/12 ~~11:30~~	50	50	1109161		500	1		.276 99%
B048302-MS1	QC 3/21/12	03/21/12 ~~11:30~~	50	50	1109161	12C0572-03	500	1		.259 91%
B048302-MSD1	QC	03/21/12 ~~11:30~~	50	50	1109161	12C0572-03	500	1		.263 92%

12C0566-01 .023 = N/D

geneSys # 3 spec
epp # 3431147
4497797

color (wc36-083)

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Nitrite Method #: SM 4500 NO_2 B Date/Analyst: 3-27-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	0	50ml	0	mg/L	.003	std 6.						
std 2.	.05	10mg/L	|	.01	|	.031	std 7.						
std 3.	.15	|	|	.03	|	.090	std 8.						
std 4.	.500	|	|	.10	|	.293	std 9.						
std 5.	.900	L	L	.18	L	.526	std 10.						
Intermediate: 10ml stock (WC34-324) + 100 ml (vol) WDI							Intermediate:						

Stock ID# WC34-324

Concentration: 100 mg/L

Wavelength: 543 nm. Path Length: 1cm

Correlation Coefficient: 0.99999893

Expiration: 9-21-12

Diluent: DI

Corresponding Analysis Page:

Stock Prep (Lots, Suppliers):

Comments:

Analysis: Method #: Date/Analyst:

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#

Concentration:

Wavelength: nm. Path Length:

Correlation Coefficient:

Expiration:

Diluent:

Corresponding Analysis Page:

Stock Prep (Lots, Suppliers):

Comments:

396

Import Spec. - WC_Water

Initial Calibration Date:		**Test Code:**	
Analyst:	VAK	**Prep Date/Time:**	3/21/12 11:30
		Analysis Date/Time:	3/21/12 11:30
Analyte:	Nitrite as N	**Units:**	mg/L
Method:	SM4500NO2B		

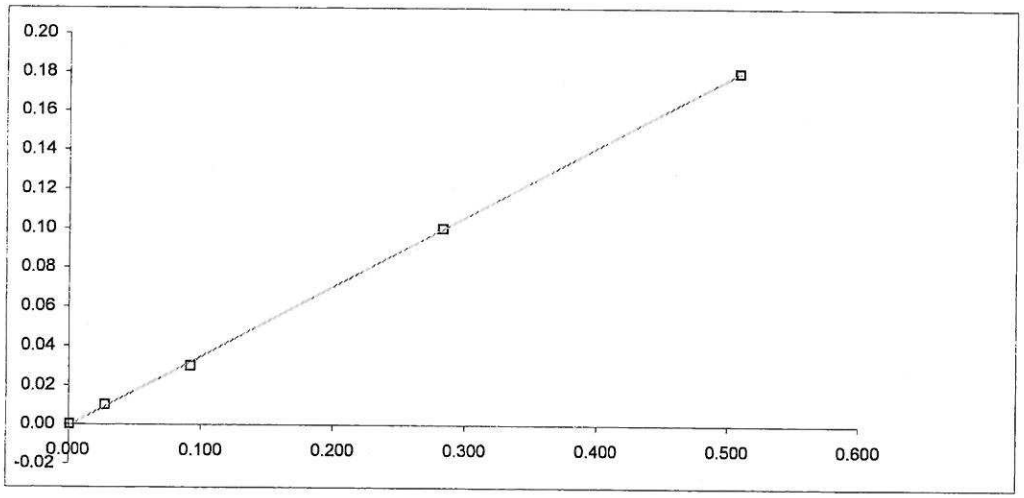
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	-0.001
0.028		0.01	0.009
0.092		0.03	0.032
0.283		0.10	0.100
0.509		0.18	

Batch ID: B048302

LINEAR EQUATION

y=a+bx

a=	0.0024171
b=	2.8153578
r=	0.9999015



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

A	B	C	D	E	F	G	H	I	J	K	L	M	N
#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12B0687-03	Effluent	Sample	0.030	3/21/12 11:30		50		1		1	0.009797297	0.009797297
	12C0572-01	MW-27-March 2012	Sample	0.005	3/21/12 11:30		50		1		1	0.000917431	0.000917431
	12C0572-03	PW-8-Ch4-March 2012	Sample	0.010	3/21/12 11:30		50		1		1	0.002693404	0.002693404
	12C0572-04	PW-8-Ch0-March-2012	Sample	0.001	3/21/12 11:30		50		1		1	-0.000503347	-0.000503347
	12C0572-05	PW-8-Ch0-March-2012 2	Sample	0.002	3/21/12 11:30		50		1		1	-0.000148153	-0.000148153
	12C0572-08	P2-14-March-2012	Sample	0.003	3/21/12 11:30		50		1		1	0.000207042	0.000207042
	12C0596-01	Effluent	Sample	0.145	3/21/12 11:30		50		5		5	0.050644681	0.253223419
	12C0598-06	Secondary	Sample	0.185	3/21/12 11:30		50		1		1	0.064852469	0.064852469
	B048302-BLK1	-	Blank	0.003	3/21/12 11:30		50		1		1	0.000207042	0.000207042
	B048302-BS1	-	LCS	0.288	3/21/12 11:30		50		1		1	0.101437517	0.101437517
	B048302-BSD1	-	LCS Dup	0.290	3/21/12 11:30		50		1		1	0.102147907	0.102147907
	B048302-CCV1	-	Calibration Check	0.276	3/21/12 11:30		50		1		1	0.097175181	0.097175181
	B048302-MS1	12C0572-03	Matrix Spike	0.259	3/21/12 11:30		50		1		1	0.091136873	0.091136873
	B048302-MSD1	12C0572-03	Matrix Spike Dup	0.263	3/21/12 11:30		50		1		1	0.092557654	0.092557654

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048508

Con-Test Analytical Laboratory

rinted: 3/26/2012 8:05:31AM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP ab dil

Mdl (No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0566-01	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.060	1X		.394
12C0572-01	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.006	1X	Ecology & Environment	.027
12C0572-03	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.057	5X	Ecology & Environment	(.373)(5)= 1.865
12C0572-04	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.007	1X	Ecology & Environment	.034
12C0572-05	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.012	1X	Ecology & Environment	.068
12C0572-08	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-02	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.112	2X	Ecology & Environment	(.747)2 = 1.494
12C0620-03	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.065	5X	Ecology & Environment	(.428)5= 2.140
12C0620-04	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-05	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.099	2X	Ecology & Environment	(.658)2= 1.316
12C0620-06	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.108	1X	Ecology & Environment	.720
12C0657-01	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.010	1X		.054
12C0657-02	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.059	100X		(.387)(100)= 38.7
12C0657-03	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.022	1X		.136
12C0657-04	Ferrous Iron by SM350(	03/22/12 16:00	50	50			.003	1X		.006
B048508-BLK1	QC	03/22/12 16:00	50	50			.001	1X		ϕ
B048508-BS1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	TV=0.8	.788 98.5%
B048508-BSD1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	1	1 1
B048508-DUP1	QC	03/22/12 16:00	50	50		12C0572-03	.054	5X	~~TV= 4.0~~ SBP 3/26	(.353)5= 1.765
B048508-DUP2	QC	03/22/12 16:00	50	50		12C0657-04	1X	.002		ϕ
B048508-MS1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.174	TV= 4.0 SBP	(1.168)5= 5.840 99.4
B048508-MS2	QC	03/22/12 16:00	50	50	1203157	12C0657-04	200 1X	.122	TV=0.4 SBP 3/26 0.8	815= 101.9%
B048508-MSD1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.170	TV=4.0	(1.141)5= 5.705 96.0%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped DAILY

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Surfactant Method #: SM5540C Date/Analyst: 3-29-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	10mg/l	50ml	0	mg/l	0.10	std 6.						
std 2.	1.0			0.2		.135	std 7.						
std 3.	5.0			1.0		.175	std 8.						
std 4.	10.0			2.0		.356	std 9.						
std 5.	15.0			3.0		.494	std 10.						
Intermediate:	20.0			4.0		.675	Intermediate:						

Stock ID#: RR2-403
Concentration: 1000mg/l
Wavelength: 652 nm. Path Length: 1cm
Correlation Coefficient: 0.999358624
Expiration: 1-13-14
Diluent: DI
Corresponding Analysis Page: Binder

Stock Prep (Lots, Suppliers): on Benchsheet

Comments:

prepped DAILY

Analysis: Ferrous Iron Method #: SM3500FeD Date/Analyst: 3-28-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	200mg/l	50ml	0.0	mg/l	.001	std 6.						
std 2.	.05			0.2		.031	std 7.						
std 3.	.10			0.4		.062	std 8.						
std 4.	.20			0.8		.125	std 9.						
std 5.	.30			1.2		.182	std 10.						
Intermediate:							Intermediate:						

Stock ID#: WC36-164
Concentration: 200mg/l
Wavelength: 510 nm. Path Length: 1cm
Correlation Coefficient: 0.9998187
Expiration: 3-13-13
Diluent: DI
Corresponding Analysis Page: Binder

Stock Prep (Lots, Suppliers):

Comments:

402

PREPARATION BENCH SHEET

B048508

Con-Test Analytical Laboratory

rinted: 3/26/2012 8:05:31AM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments

Genesys # 3
Buffer WC 36-166
Color WC 35-274
Eppendorf 3430997
4115758

CCV1 = .815 = 101.8%
.122
CCV2 = .117 = .781 = 97.6%

MDL-1 .032 .204 = 102%
TVO -2 .032 .204 = 102%
0.2 -3 .032 .204 = 102%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	**SBP**	**Prep Date/Time:**	3/22/12 16:00
		Analysis Date/Time:	3/22/12 16:00
Analyte:	**Ferrous Iron**	**Units:**	mg/L
Method:	**SM 3500 FE D**		

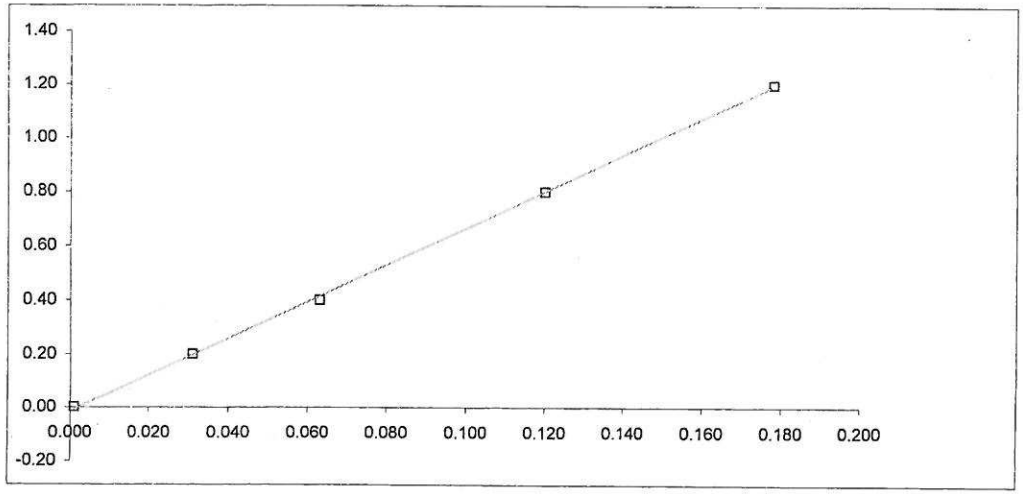
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	-0.007
0.031		0.20	0.197
0.063		0.40	0.414
0.120		0.80	0.801
0.178		1.20	

Batch ID: B048508

LINEAR EQUATION

y=a+bx

a=	0.0020345
b=	0.1472414
r=	0.9998475



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Allquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0566-01	Turnkey Solutions	Sample	0.060	3/22/12 16:00		50		1		1	0.393676788	0.393676788
	12C0572-01	MW-27-March 2012	Sample	0.006	3/22/12 16:00		50		1		1	0.026932083	0.026932083
	12C0572-03	PW-8-Ch4-March 2012	Sample	0.057	3/22/12 16:00		50		5		5	0.373302102	1.86651051
	12C0572-04	PW-8-Ch0-March-2012	Sample	0.007	3/22/12 16:00		50		1		1	0.033723652	0.033723652
	12C0572-05	PW-8-Ch0-March-2012 2	Sample	0.012	3/22/12 16:00		50		1		1	0.069039807	0.069039807
	12C0572-08	P2-14-March-2012	Sample	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	12C0620-02	MW-31D-March 2012	Sample	0.112	3/22/12 16:00		50		2		2	0.746838391	1.493676782
	12C0620-03	MW-31C-March 2012	Sample	0.065	3/22/12 16:00		50		5		5	0.427634627	2.138173103
	12C0620-04	MW-31B-March 2012	Sample	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	12C0620-05	MW-46D-March 2012	Sample	0.099	3/22/12 16:00		50		2		2	0.658547997	1.317095995
	12C0620-06	MW-46C-March 2012	Sample	0.108	3/22/12 16:00		50		1		1	0.719672143	0.719672143
	12C0657-01	RIZ-25	Sample	0.010	3/22/12 16:00		50		1		1	0.054098357	0.054098357
	12C0657-02	RIZ-43R	Sample	0.059	3/22/12 16:00		50		100		100	0.386885226	38.68852234
	12C0657-03	MW-14/RIZ-3R	Sample	0.022	3/22/12 16:00		50		1		1	0.135597184	0.135597184
	12C0657-04	RIZ-24	Sample	0.003	3/22/12 16:00		50		1		1	0.006557377	0.006557377
	B048508-BLK1	-	Blank	0.001	3/22/12 16:00		50		1		1	-0.007025761	-0.007025761
	B048508-BS1	-	LCS	0.118	3/22/12 16:00		50		1		1	0.787587821	0.787587821
	B048508-BSD1	-	LCS Dup	0.118	3/22/12 16:00		50		1		1	0.787587821	0.787587821
	B048508-DUP1	12C0572-03	Duplicate	0.054	3/22/12 16:00		50		5		5	0.352927387	1.764636993
	B048508-DUP2	12C0657-04	Duplicate	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	B048508-MS1	12C0572-03	Matrix Spike	0.174	3/22/12 16:00		50		5		5	1.167915583	5.839578152
	B048508-MS2	12C0657-04	Matrix Spike	0.122	3/22/12 16:00		50		1		1	0.814754069	0.814754069
	B048508-MSD1	12C0572-03	Matrix Spike Dup	0.170	3/22/12 16:00		50		5		5	1.140749335	5.703746796

0
Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048577

Con-Test Analytical Laboratory

'rinted: 3/26/2012 6:39:28PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0566-01	Sulfate by ASTM D516	03/26/12 18:20	100	100						
12C0572-01	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-03	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-04	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-05	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0572-08	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-02	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0620-03	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-04	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-05	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0620-06	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0657-01	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-02	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-03	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-04	Sulfate by ASTM D516	03/26/12 18:20	10	100						
B048577-BLK1	QC	03/26/12 18:20	100	100						
B048577-BS1	QC	03/26/12 18:20	100	100	1112047		20000			
B048577-BSD1	QC	03/26/12 18:20	100	100	1112047		20000			
B048577-DUP1	QC	03/26/12 18:20	100	100		12C0620-04				
B048577-MS1	QC	03/26/12 18:20	100	100	1112048	12C0572-03	20000			
B048577-MS2	QC	03/26/12 18:20	100	100	1112048	12C0620-04	20000			
B048577-MSD1	QC	03/26/12 18:20	100	100	1112048	12C0572-03	20000			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Sulfate

Method ASTM D516-02

Spec. ID : Genesys #2 Date : 3/26/12 Start time: 5:30P Finish time: 6:20P Analyst: AOP

QC Reference (LCS) : 1112047 T.V. = 20.0 mg/L Range : 81.5 - 119%

	Sample ID #	blk Abs.	Calculations / Final Results	Comments/Time
	Dup & MS at 10% or better blk	.000	<2.0 (1.71)	
	QC reference (LCS)	.190	19.15 96%	T.V.=
	LFB ldp	.189	19.06 95%	T.V.=
1.	12C0566-01	.027 / .378	33.93	
2.	0572-01	.000 / .244	24.11	
3.	-03	.006 / .236	22.82	
4.	-04	.000 / .413	39.62	
5.	-05 2x	.000 / .147	15.20 (2x) = 30.4	
6.	-08	.000 / .268	26.31	
7.	0620-02 2x	.000 / .208	20.80 (2x) = 41.6	
8.	-03	.007 / .409	38.61	
9.	-04	.000 / .224	22.27	
10.	-05 2x	.000 / .219	21.81 (2x) = 43.62	
11.	0572-03 MS	.402	38.61 79%	TV=20.
12.	MSD	.410	39.35 83%	"
	CCV CCV	.200	20.07 100%	T.V. = 20.
13.	CCB	.000	<2.0 1.71	
14.	12C0620-06	.000 / .294	28.70	
15.	0657-01 10x	.000 / .128	13.46 (10x) = 134.6	
16.	-02 10x	.000 / .046	5.93 (10x) = 59.3	
17.	-03 10x	.000 / .046	5.93 (10x) = 59.3	
18.	-04 10x	.000 / .094	10.34 (10x) = 103.4	
19.	0620-04 dp	.000 / .232	23.00	
20.	MS	.396	38.06 79%	TV=20.
21.	CCV	.204	20.43 102%	TV=20.
22.	CCB	.000	<2.0 1.71	
23.	MDL	.095	10.43 104%	
24.	MDL	.090	9.97 100%	TV=10
	CCV MDL	.091	10.06 100%	T.V.=

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See next page for standard/curve worksheet

Sulfate

Method ASTM D516-02

Spec. ID : Genesys #2 **Date/Analyst :** 3/26/12 ADO

Standard	mls of Stock	Stock Conc.	Final Vol.	Std. Conc.	units	Absorbance
Std. 1	0	100 mg/L	100 mL	0	mg/L	.000
Std. 2	2			2		.010
Std. 3	5			5		.027
Std. 4	10			10		.090
	20			20		.199
	30			30		.315
	40			40		.413

Correlation Coefficient : .9992918445 **Wavelength :** 420 nm

Stock ID : 111 2048 **Path Length :** 1 cm

Stock Expiration : 12/8/12 **Comments:**

Stock Concentration : 100 mg/L

Diluent : DI

Reagents: Color – Con-Test Lot # : WC35-239

PREPARATION BENCH SHEET

B048633

Con-Test Analytical Laboratory

rinted: 3/27/2012 12:25:10PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0572-01	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-03	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-04	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-05	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-08	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-02	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-03	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-04	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-05	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
B048633-BLK1	QC	03/23/12 08:17	50	50						
B048633-BS1	QC	03/23/12 08:17	50	50	1109184		5000			
B048633-BSD1	QC	03/23/12 08:17	50	50	1109184		5000			
B048633-MS1	QC	03/23/12 08:17	50	50	1202035	12C0572-03	2500			
B048633-MSD1	QC	03/23/12 08:17	50	50	1202035	12C0572-03	2500			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: TOC Method #: _____ Date/Analyst: 3/27/12

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	100	50	mg/L	0		std 6.						
std 2.	.5	1	50		1		std 7.						
std 3.	10	1	100	1	10		std 8.						
std 4.	1	1	50	1	20		std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#: WC36-232
Concentration: 1000mg/L
Wavelength: ____ nm. Path Length: ____
Correlation Coefficient: 1.0
Expiration: 9/22/12
Diluent: D.I
Corresponding Analysis Page: ____

Stock Prep (Lots, Suppliers):

Comments:

Analysis: _____ Method #: _____ Date/Analyst: _____

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#
Concentration:
Wavelength: ____ nm. Path Length: ____
Correlation Coefficient: ____
Expiration:
Diluent:
Corresponding Analysis Page: ____

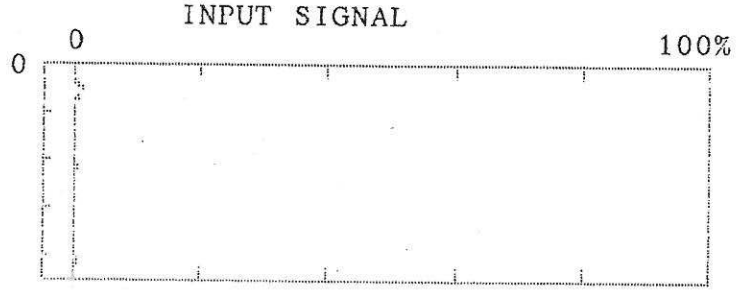
Stock Prep (Lots, Suppliers):

Comments:

4/12

POWER OFF 03(MAR)-20-2012 14:00
POWER ON 03(MAR)-22-2012 06:40

POWER OFF 03(MAR)-22-2012 07:31
POWER ON 03(MAR)-23-2012 06:43

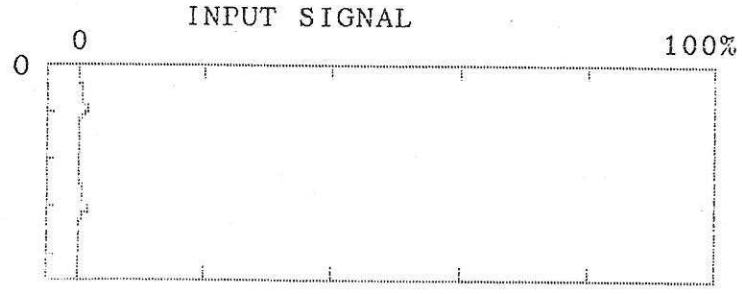


TIME [min]

CAL CURVE F# 3
1st STANDARD TC 0.0mg/l VIAL: S1
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1-	473
2	0
3	224
MN	112
SD	158
CV	141 %

DATE 03(MAR)-23-2012 08:17

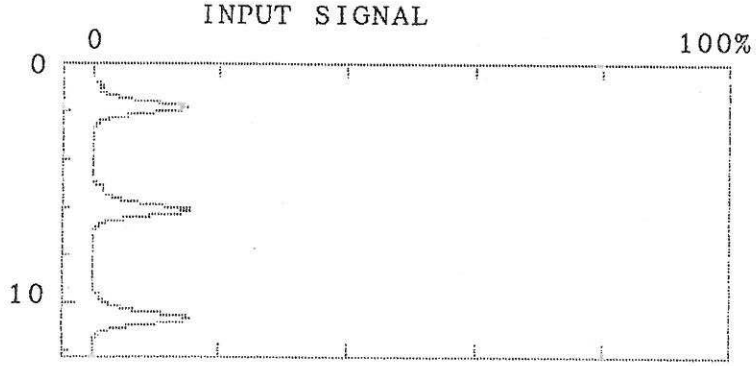


TIME [min]

CAL CURVE F# 3
2nd STANDARD TC 1.0mg/l VIAL: S2
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	1449
2	1525
-	- - - -
MN	1487
SD	53
CV	3.61 %

DATE 03(MAR)-23-2012 08:29

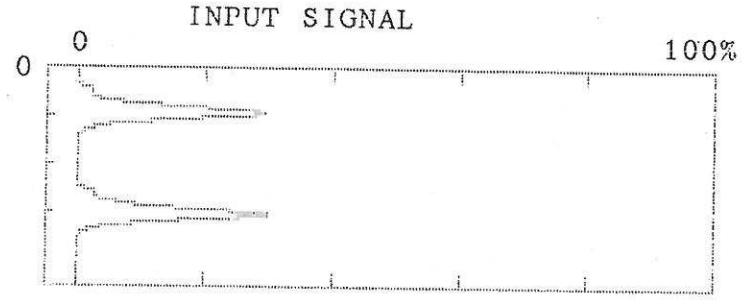


TIME [min]

CAL CURVE F# 3
3rd STANDARD TC 10.0mg/l VIAL: S3
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	-10878
2	11608
3	11523
-	- - - -
MN	11565
SD	60
CV	0.51 %

DATE 03(MAR)-23-2012 08:47

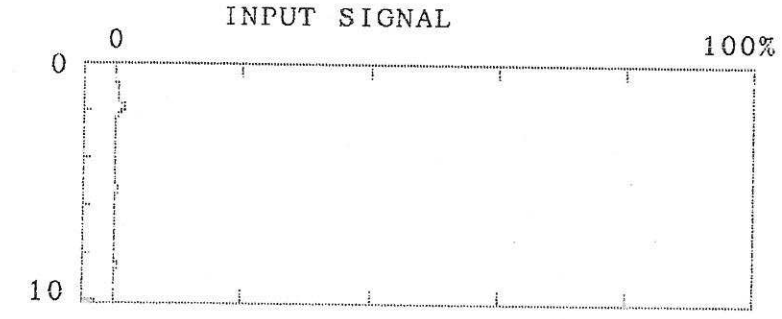


TIME [min]

CAL CURVE F# 3
4th STANDARD TC 20.0mg/l VIAL: S4
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	21383
2	21835
-	-
MN	21609
SD	319
CV	1.47 %

DATE 03(MAR)-23-2012 08:58

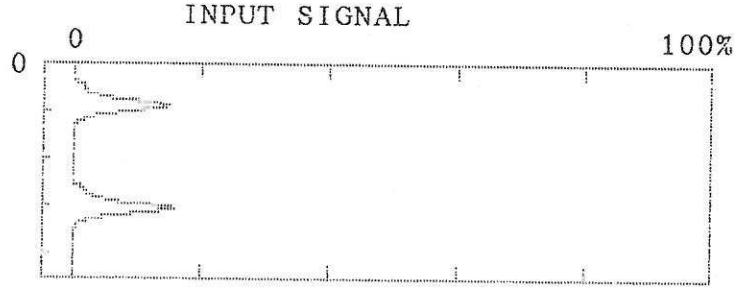


TIME [min]

```
SAMPLE#    1 NPOC   VIAL:   1
 [x 5,   100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1-  1379   0.941
    2    219   -0.13
    3    213   -0.14
   - - - - - - - - - - - - - - -
   MN    216   -0.14
   SD      4   0.004
   CV   1.96 %
   COR CONC DIL   -0.14 [x 1.0]
   COR CONC INJ   -0.14 [x 1.0]

        DATE   03(MAR)-23-2012   09:13
```

BLK

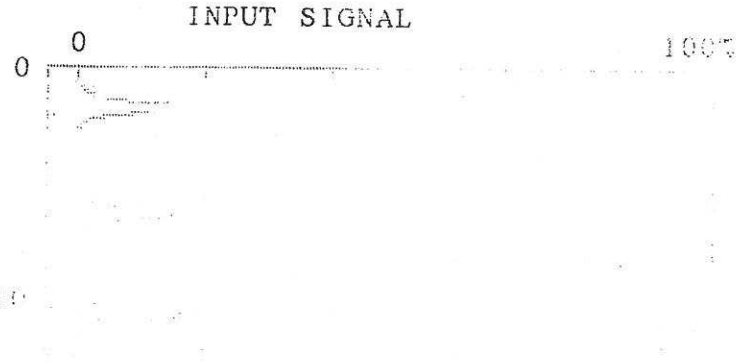



```
TIME [ min ]

SAMPLE#    2 NPOC   VIAL:   2
 [x 5,   100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1 11147   10.03
    2 11459   10.32
   - - - - - - - - - - - - - - -
   MN 11303   10.17
   SD   220   0.205
   CV   1.95 %
   COR CONC DIL   10.17 [x 1.0]
   COR CONC INJ   10.17 [x 1.0]

        DATE   03(MAR)-23-2012   09:26
```

LCS



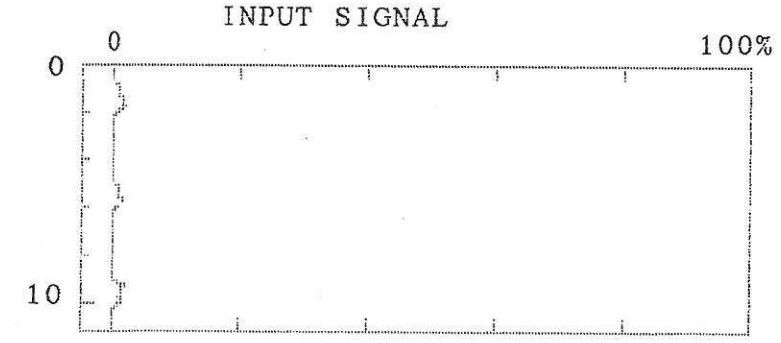
LCSdP

SAMPLE= 3 VPOC Vial 1
[1x 5. 100µl. Sa 1 =WASH 2, SP 3min]

	Area [nC*min]	C# µl RG
1	11775	10.32
2	11789	10.63
3	11689	10.53
MN	11739	10.58
SD	70	0.065

CV 0.60 %
COR CONC DIL 10.58 [x 1.0]
COR CONC INJ 10.58 [x 1.0]

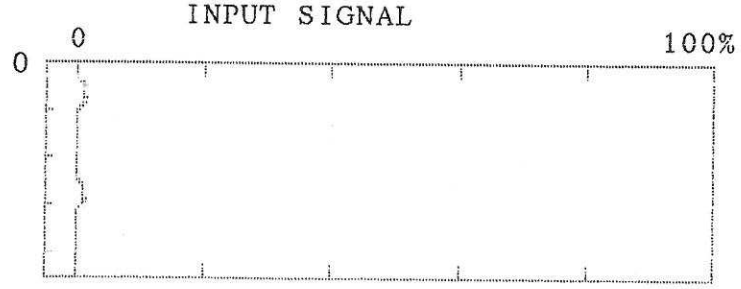
DATE 03(MAR)-23-2012 09:43



```
SAMPLE#    4 NPOC   VIAL:   4
 [x 5,  100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1   2052   1.568
    2-  1624   1.169
    3   1919   1.444
   - - - - - - - - - - - - - - -
   MN   1985   1.506
   SD     94   0.087
   CV   4.73 %
   COR CONC DIL   1.506 [x 1.0]
   COR CONC INJ   1.506 [x 1.0]

        DATE   03(MAR)-23-2012   09:56
```

12C0572-01

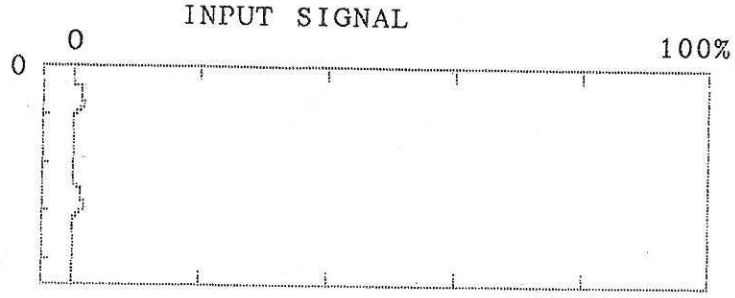



```
TIME [ min ]

SAMPLE#    5 NPOC   VIAL:   5
 [x 5,  100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1   1656   1.199
    2   1472   1.028
   - - - - - - - - - - - - - - -
   MN   1564   1.114
   SD    130   0.121
   CV   8.31 %
   COR CONC DIL   1.114 [x 1.0]
   COR CONC INJ   1.114 [x 1.0]

        DATE   03(MAR)-23-2012   10:08
```

12C0572-03



TIME [min]

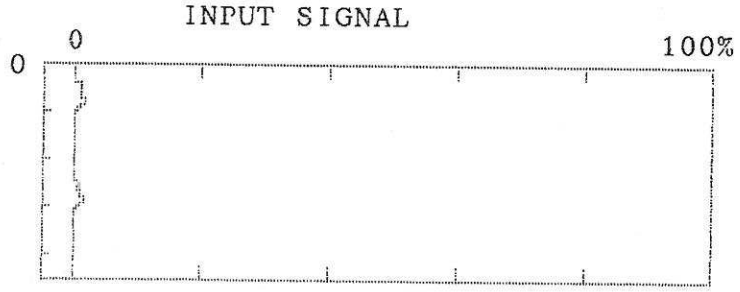
SAMPLE# 6 NPOC VIAL: 6
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1575	1.124			
2	1674	1.216			
MN	1624	1.170			
SD	70	0.065			
CV	4.30 %				

COR CONC DIL 1.170 [x 1.0]
COR CONC INJ 1.170 [x 1.0]

DATE 03(MAR)-23-2012 10:22

12C0572-04



TIME [min]

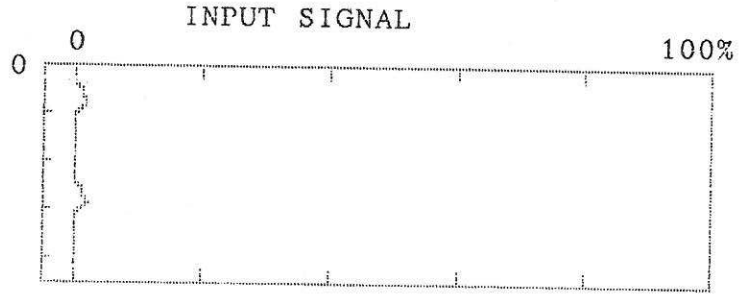
SAMPLE# 7 NPOC VIAL: 7
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1534	1.086			
2	1465	1.022			
MN	1499	1.054			
SD	48	0.045			
CV	3.25 %				

COR CONC DIL 1.054 [x 1.0]
COR CONC INJ 1.054 [x 1.0]

DATE 03(MAR)-23-2012 10:36

12C0572-05



TIME [min]

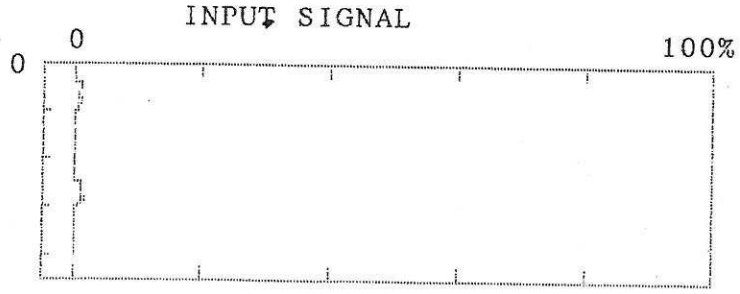
SAMPLE# 8 NPOC VIAL: 8
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1646	1.190			
2	1687	1.228			
MN	1666	1.209			
SD	28	0.027			
CV	1.73 %				

COR CONC DIL 1.209 [x 1.0]
COR CONC INJ 1.209 [x 1.0]

DATE 03(MAR)-23-2012 10:49

12C0572-08



TIME [min]

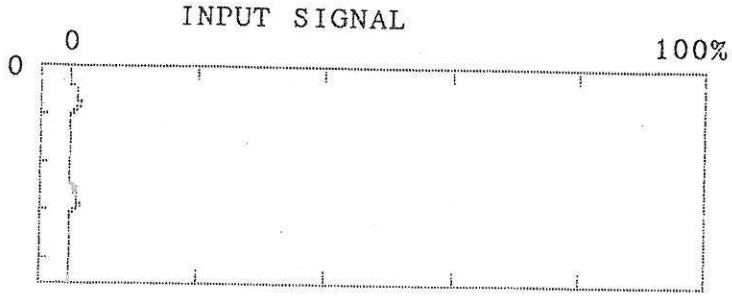
SAMPLE# 9 NPOC VIAL: 9
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1272	0.842			
2	1303	0.871			
MN	1287	0.856			
SD	21	0.020			
CV	1.70 %				

COR CONC DIL 0.856 [x 1.0]
COR CONC INJ 0.856 [x 1.0]

DATE 03(MAR)-23-2012 11:03

12C0620-02



12C0620-03

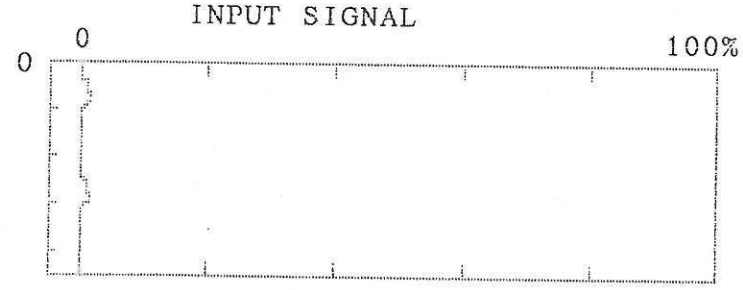
TIME [min]

SAMPLE# 10 NPOC VIAL: 10
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1533	1.085			
2	1501	1.055			
MN	1517	1.070			
SD	22	0.021			
CV	1.49 %				

COR CONC DIL 1.070 [x 1.0]
COR CONC INJ 1.070 [x 1.0]

DATE 03(MAR)-23-2012 11:17



12C0620-04

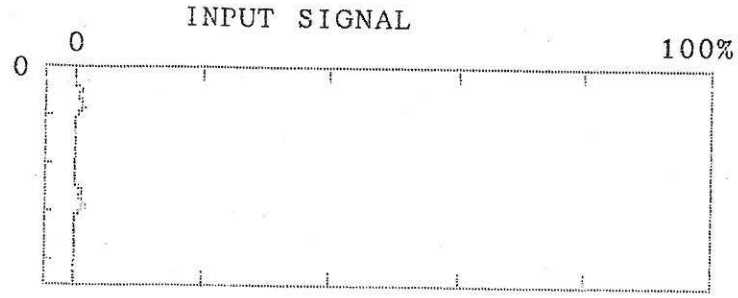
TIME [min]

SAMPLE# 11 NPOC VIAL: 11
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1729	1.267			
2	1640	1.184			
MN	1684	1.226			
SD	62	0.058			
CV	3.73 %				

COR CONC DIL 1.226 [x 1.0]
COR CONC INJ 1.226 [x 1.0]

DATE 03(MAR)-23-2012 11:31



TIME [min]

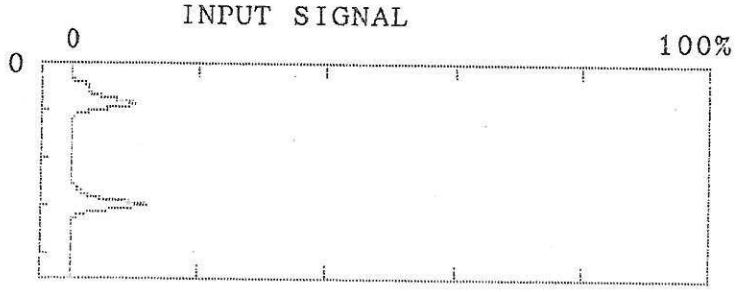
SAMPLE# 12 NPOC VIAL: 12
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1393	0.954			
2	1356	0.920			
MN	1374	0.937			
SD	26	0.024			
CV	1.90 %				

COR CONC DIL 0.937 [x 1.0]
COR CONC INJ 0.937 [x 1.0]

DATE 03(MAR)-23-2012 11:45

12C0620-05



TIME [min]

SAMPLE# 13 NPOC VIAL: 13
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

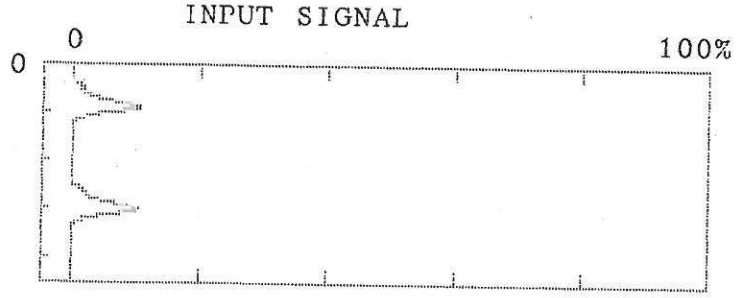
#	AREA	mg/l	C#	µl	RG
1	7308	6.460			
2	7428	6.572			
MN	7368	6.516			
SD	84	0.079			
CV	1.15 %				

COR CONC DIL 6.516 [x 1.0]
COR CONC INJ 6.516 [x 1.0]

DATE 03(MAR)-23-2012 11:59

MS 12C0527-03

108.0%



TIME [min]

SAMPLE# 14 NPOC VIAL: 14
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

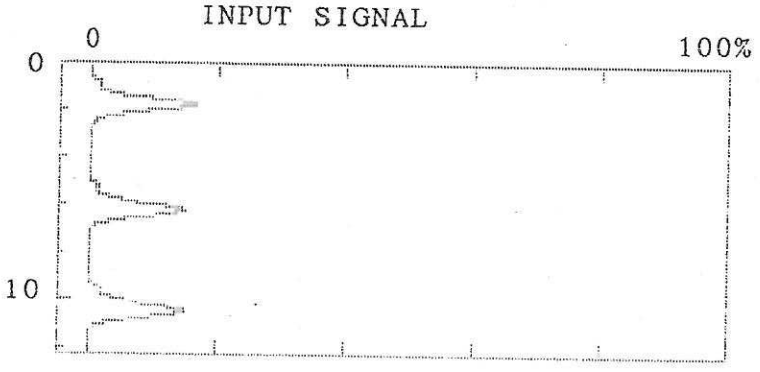
#	AREA	mg/l	C#	µl	RG
1	7560	6.695			
2	7624	6.754			
MN	7592	6.724			
SD	45	0.042			
CV	0.59 %				

COR CONC DIL 6.724 [x 1.0]
COR CONC INJ 6.724 [x 1.0]

DATE 03(MAR)-23-2012 12:13

1120572-03

112.2%

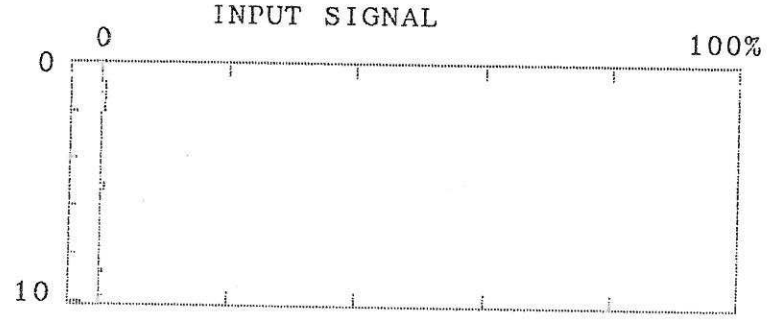


TIME [min]

```
SAMPLE#   15 NPOC   VIAL: 15
 [x 5.   100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l       C#   µl RG
    1-12514   11.30
    2 12121   10.94
    3 12295   11.10
   - - - - - - - - - - - - - - -
   MN 12208   11.02
   SD   123   0.114
   CV   1.00 %
   COR CONC DIL   11.02 [x 1.0]
   COR CONC INJ   11.02 [x 1.0]

        DATE   03(MAR)-23-2012   12:31
```

ICV/CCV 110.2%




```
SAMPLE#   16 NPOC   VIAL: 16
 [x 5,   100µl, C#   3, #WASH 2, SP   3min]
    #   AREA mg/l       C#   µl RG
    1-   823   0.424
    2      0   -0.34
    3      0   -0.34
   - - - - - - - - - - - - - - -
   MN       0   -0.34
   SD       0   0.000
   CV   0.00 %
   COR CONC DIL   -0.34 [x 1.0]
   COR CONC INJ   -0.34 [x 1.0]

        DATE   03(MAR)-23-2012   12:43
```

BLK

CALIBRATION CURVE FILE LIST

F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	22663	292	1.29	02(FEB)-06-2012
5	3	2	20415	383	1.87	12(DEC)-16-2011
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	555	1.95	11(NOV)-15-2011
8	3	2	30381	802	2.64	11(NOV)-22-2011
9	3	2	27943	35	0.12	11(NOV)-23-2011
10	3	2	29288	561	1.91	12(DEC)-01-2011
11	3	2	30677	306	0.99	12(DEC)-05-2011
12	3	2	29457	740	2.51	12(DEC)-07-2011
13	3	2	28594	125	0.44	12(DEC)-08-2011
14	3	2	29901	391	1.31	12(DEC)-11-2011
15	3	2	28963	231	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

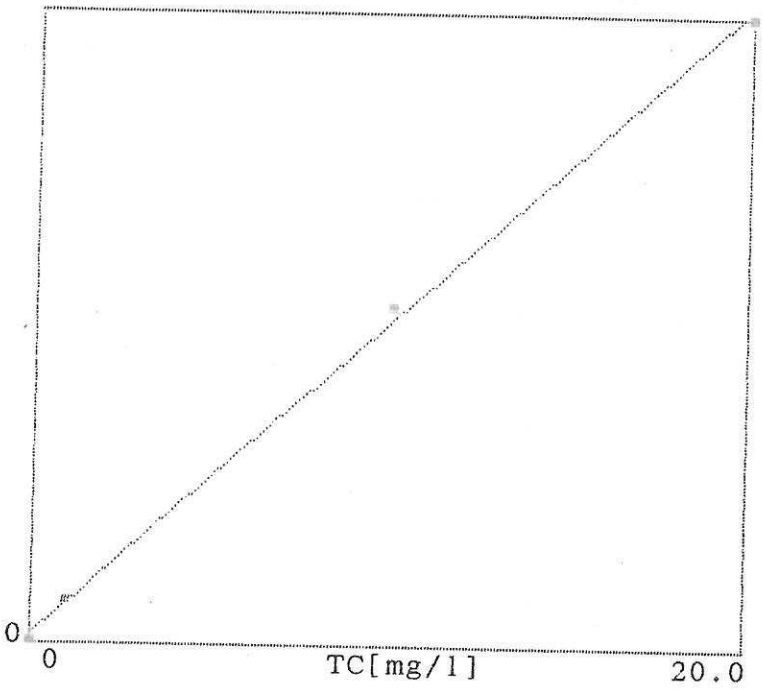
TOC-5000 DATA REPORT
DATE 03(MAR)-23-2012 12:46

SPL#	POC	RMK	NPOC,mg/l	RMK	TOC
1			-0.14	3****	
2			10.17	3****	
3			10.58	3****	
4			1.506	3****	
5			1.114	3****	
6			1.170	3****	
7			1.054	3****	

9	0.856	3****
10	1.070	3****
11	1.226	3****
12	0.937	3****
13	6.516	3****
14	6.724	3****
15	11.02	3****
16	-0.34	3****

ANALYST :
SAMPLE :

21609



CAL CURVE F# 3
TC 4-POINT
LEAST SQUARES r=0.999

[CONDITIONS]

TC CATALYST	: NORMAL SENS
INJ VOL/SYRINGE SIZE	: 100/2500µl
RANGE	: x5
SPARGE TIME	: 3min
NO OF WASHES	: 2
DATE	: 03(MAR)-23-2012

[DATA]

STD CONC	AREA	#INJ	SD	CV
20.0mg/l	21609	2	319	1.47%
10.0mg/l	11565	2	60	0.51%
1.0mg/l	1487	2	53	3.61%
0.0mg/l	112	2	158	141%

Genesys #2
6:00P

PREPARATION BENCH SHEET

B048238

Con-Test Analytical Laboratory

exp 4/[427]/12
Color WC36-198

Printed: 3/20/2012 4:54:14PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

abs **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0572-01	Phosphate, Ortho (as P)	03/20/12 17:00	50	50					Ecology & Environment	.001
12C0572-03	Phosphate, Ortho (as P)	03/20/12 17:00	50	50					Ecology & Environment	.000
12C0572-04	Phosphate, Ortho (as P)	03/20/12 17:00	50	50					Ecology & Environment	.000
12C0572-05	Phosphate, Ortho (as P)	03/20/12 17:00	50	50					Ecology & Environment	.000
12C0572-08	Phosphate, Ortho (as P)	03/20/12 17:00	50	50					Ecology & Environment	.000
B048238-BLK1	QC	03/20/12 17:00	50	50						.000
B048238-BS1	QC	03/20/12 17:00	50	50	1201037		5000		TV=.420	.250 95
B048238-BSD1	QC	03/20/12 17:00	50	50	1201037		5000		1	.266 101
B048238-MS1	QC	03/20/12 17:00	50	50	1202171	12C0572-03	300		TV=0.3	.180
B048238-MSD1	QC	03/20/12 17:00	50	50	1202171	12C0572-03	300			.185

CCV .181 = .291 97%

0 .000
.05 .027
.20 .121
.30 .186
.50 .308
.75 .476
1.0 .635

.9998904

Sample pHs = 7

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Phosphate/ORTHO Method #: SM4500 PE Date/Analyst: 3/27/12 SDP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	2.5 mg/L	50 mL	0	mg/L	.000	std 6.	15	2.5 mg/L	50 mL	.75	mg/L	.468
std 2.	1	"	"	.105	"	.029	std 7.	20	"	"	1.0	"	.567
std 3.	4	"	"	.120	"	.109	std 8.						
std 4.	6	"	"	.30	"	.184	std 9.						
std 5.	10	"	"	.50	"	.302	std 10.						

Intermediate: 2.5 mg/L : 5 mL 1202171 → 100 mL (vol) w/ bottled H_2O

Intermediate:

Stock ID#: 1202171

Concentration: 50 mg/L

Wavelength: 880 nm. Path Length: 1cm

Correlation Coefficient: .997644983

Expiration: 2/17/13

Diluent: bottled H_2O

Corresponding Analysis Page: batch → B0486l2

Stock Prep (Louis. Suppliers): Color WC3C-230

Comments:

Analysis: _____ Method #: _____ Date/Analyst: _____

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						

Intermediate:

Intermediate:

Stock ID#:

Concentration:

Wavelength: _____ nm. Path Length: _____

Correlation Coefficient: _____

Expiration:

Diluent:

Corresponding Analysis Page: _____

Stock Prep (Louis. Suppliers):

Comments:

428

Import Spec. - WC Water

Initial Calibration Date:	3/20/2012 18:00	Test Code:	
Analyst:	AED	Prep Date/Time:	3/20/12 18:00
		Analysis Date/Time:	3/20/12 18:00
Analyte:	Orthophosphate as P	Units:	mg/L
Method:	SM4500PE		

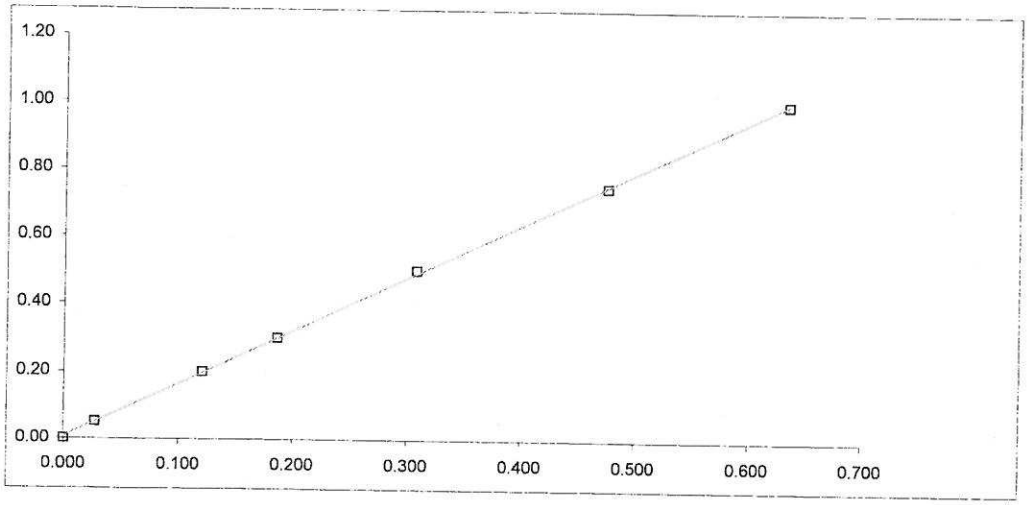
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.000		0.00	0.007
0.027		0.05	0.050
0.121		0.20	0.197
0.186		0.30	0.299
0.308		0.50	
0.476		0.75	
0.635		1.00	

Batch ID: B048238

LINEAR EQUATION

y=a+bx

a=	-0.0046745
b=	0.6377576
r=	0.9998904



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF
Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Import Spec. - WC_Water													
#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0572-01	MW-27-March 2012	Sample	0.001	3/20/12 18:00		50		1		1	0.008897517	0.008897517
	12C0572-03	PW-8-Ch4-March 2012	Sample	0.000	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	12C0572-04	PW-8-Ch0-March-2012	Sample	0.000	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	12C0572-05	PW-8-Ch0-March-2012 2	Sample	0.000	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	12C0572-08	P2-14-March-2012	Sample	0.000	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	B048238-BLK1	-	Blank	0.000	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	B048238-BS1	-	LCS	0.250	3/20/12 18:00		50		1		1	0.007329523	0.007329523
	B048238-BSD1	-	LCS Dup	0.266	3/20/12 18:00		50		1		1	0.399327993	0.399327993
	B048238-MS1	12C0572-03	Matrix Spike	0.180	3/20/12 18:00		50		1		1	0.424415886	0.424415886
	B048238-MSD1	12C0572-03	Matrix Spike Dup	0.185	3/20/12 18:00		50		1		1	0.289568424	0.289568424
												0.297408402	0.297408402

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048564

Con-Test Analytical Laboratory

'rinted: 3/27/2012 2:00:13PM

Matrix: Water

Prepared using: WET CHEMISTRY - SM 4500 NO3-F

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0620-05	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0657-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0572-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0572-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-05	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-08	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0625-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0620-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0620-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0598-06	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
B048564-BSD1	QC	03/26/12 11:35	25	25	1201157		1			
12C0600-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0601-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
B048564-DUP1	QC	03/26/12 11:35	25	25		12C0601-02				
B048564-MS1	QC	03/26/12 11:35	25	25	1203161	12C0572-03	1000			
B048564-MS2	QC	03/26/12 11:35	25	25	1203161	12C0601-02	1000			
B048564-MSD1	QC	03/26/12 11:35	25	25	1203161	12C0572-03	1000			
12C0620-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0620-06	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

B048564

Con-Test Analytical Laboratory

'rinted: 3/27/2012 2:00:13PM

Matrix: Water **Prepared using: WET CHEMISTRY - SM 4500 NO3-F** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0601-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Inc	
B048564-BLK1	QC	03/26/12 11:35	25	25						
B048564-BS1	QC	03/26/12 11:35	25	25	1201157		1			
12C0596-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

p. 1 of 2

NO_3/NO_2 3-26-12/JA TK

Lachat 10-107-04-01-A

2.12 p. 21

Creator : Lachat Instruments
Creation Date : 6/22/2011 12:32:36 PM
Last Modified : 6/22/2011 12:32:53 PM
Description :

11:35 AM

Cup	Sample ID	MDF	Weight	Sample Type	Comments
S1	Cal Std 1			Calibration Standard	
S1	Cal Std 2			Calibration Standard	
S1	Cal Std 3			Calibration Standard	Corr # 0.99999
S1	Cal Std 4			Calibration Standard	
S1	Cal Std 5			Calibration Standard	
S2	Cal Std 6			Calibration Standard	
S3	LCS = 3.71 MG/L			Check Standard	3.70 (100%) ✓
S4	ICV NO3 = 4.0 MG/L			Check Standard	4.07 (102%) ✓
S5	ICV NO2 = 4.0 MG/L			Check Standard	4.13 (103%) ✓
S3	LCS DUP = 3.71 MG/L			Check Standard	3.69 (99%) ✓
1	12C0572-01			Unknown	6.31 ✓
2	12C0572-03			Unknown	3.13 ✓
3	12C0572-03 MS=4.0 MG/L			Unknown	7.03 mg/L (98%) ✓
4	12C0572-03 MSD=4.0 MG/L			Unknown	7.03 mg/L (98%) ✓
5	12C0572-04			Unknown	2.63 ✓
6	BLANK (method)			Unknown	Ø ✓
7	12C0572-05			Unknown	2.57 ✓
8	12C0572-08			Unknown	3.92 ✓
9	12C0596-01			Unknown	[0.858 − .253] = 0.605 ✓
10	12C0598-06			Unknown	[1.07 − .065] = 1.005 ✓
S1	CCV = 5.0 MG/L			Check Standard	4.94 mg/L (99%) ✓
11	12C0600-04			Unknown	Ø ✓
12	BLANK			Unknown	Ø ✓
13	12C0601-02			Unknown	0.373 ✓
14	12C0601-02 DUP			Unknown	0.384 ✓
15	12C0601-02 MS=4.0 MG/L			Unknown	4.46 mg/L (102%) ✓
16	12C0601-04			Unknown	Ø ✓
17	12C0620-02			Unknown	0.00767 ✓
18	BLANK			Unknown	Ø ✓
19	12C0620-03			Unknown	[0.125 − .010] = 0.115 ✓
20	12C0620-04			Unknown	VK 3/26/12 Ø. 3.48 ✓
S1	CCV = 5.0 MG/L			Check Standard	5.07 mg/L (101%) ✓
21	12C0620-05			Unknown	0.348 ✓
22	12C0620-06			Unknown	[6.27 − .022] = 6.25 ✓
23	12C0625-01			Unknown	[4.42 − .175] = 4.24 ✓
24	BLANK			Unknown	Ø ✓
25	12C0657-01			Unknown	2.24 ✓
26	12C0657-02			Unknown	Ø ✓
27	12C0657-03			Unknown	0.0543 ✓
28	12C0657-04			Unknown	3.80 ✓

S1	CCV = 5.0 MG/L			Check Standard	4.91	mg/L	98%

Analyte Table	NOX
	(mg/L)
Cal Std 1	10.0
Cal Std 6	0.00

Author: Lachat Instruments

Date : 3/26/2012

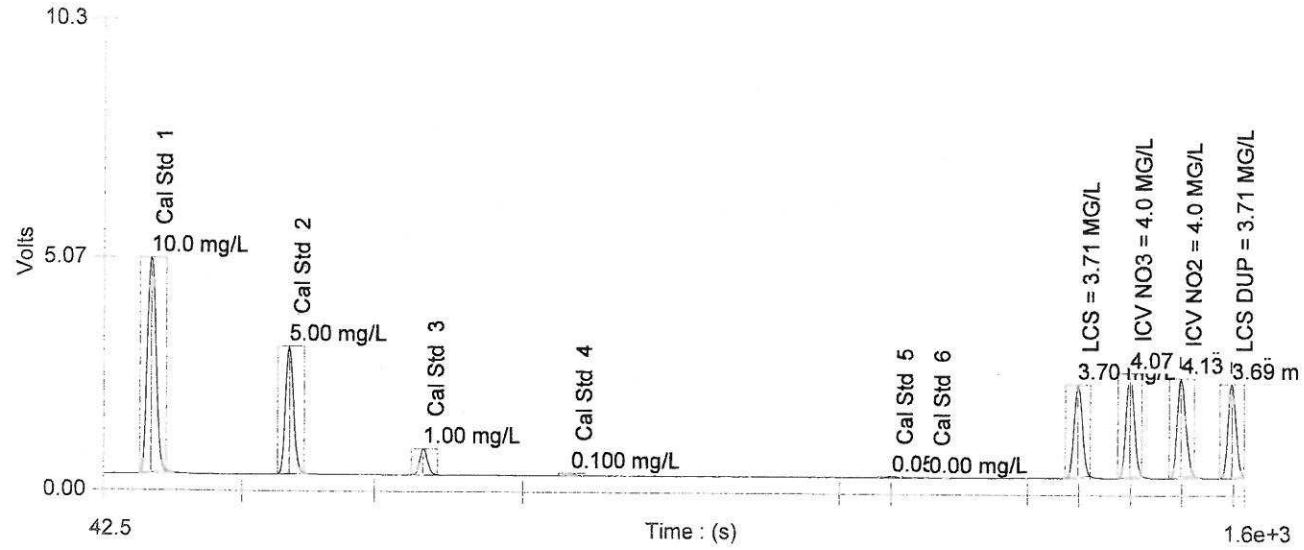
Original Run Filename: OM_3-26-2012_10-22-51AM.OMN Created: 3/26/2012 10:22:51 AM
Original Run Author's Signature: [Lachat Instruments]
Current Run Filename: OM_3-26-2012_10-22-51AM.OMN Last Modified: 3/26/2012 11:35:17 AM
Current Run Author's Signature: [Lachat Instruments]
Description: LACHAT 10-107-04-1-A

Sample	Rep.	Cup No.	Channel 1 NOX Conc. (mg/L)	Area (V.s)	Height (V)	ADF
Cal Std 1	1	S1	10.0	64.5	4.67	
Cal Std 2	1	S1	5.00	35.6	2.77	2.00
Cal Std 3	1	S1	1.00	7.14	0.578	10.00
Cal Std 4	1	S1	0.100	0.734	0.0583	100.00
Cal Std 5	1	S1	0.0500	0.415	0.0291	200.00
Cal Std 6	1	S2	0.00	-4.31e-3	-1.76e-3	
DQM Test: Minimum Correlation Coefficient						
		Result:	0.99999 > 0.99700			
		Message	PASS			
		Action	Continue			
LCS = 3.71 MG/L	1	S3	3.70	26.4	2.02	
		Known Conc:	3.71			
		Calibration:	Table/Fig. : 1			
ICV NO3 = 4.0 MG/L	1	S4	4.07	28.9	2.26	
		Known Conc:	4.00			
ICV NO2 = 4.0 MG/L	1	S5	4.13	29.3	2.15	
		Known Conc:	4.00			
LCS DUP = 3.71 MG/L	1	S3	3.69	26.4	2.04	
		Known Conc:	3.71			
12C0572-01	1	1	6.31	43.2	3.51	
12C0572-03	1	2	3.13	22.6	1.97	
12C0572-03 MS=4.0 MG/L	1	3	7.03	47.6	3.91	
12C0572-03 MSD=4.0 MG/L	1	4	7.03	47.5	3.90	
12C0572-04	1	5	2.63	19.2	1.64	
BLANK	1	6	-0.0404	-0.314	-8.95e-3	
12C0572-05	1	7	2.57	18.7	1.61	
12C0572-08	1	8	3.92	28.0	2.41	
12C0596-01	1	9	0.858	6.48	0.568	
12C0598-06	1	10	1.07	8.05	0.699	
CCV = 5.0 MG/L	1	S1	4.94	34.6	2.75	2.00
		Known Conc:	5.00			
12C0600-04	1	11	-0.392	-3.05	-0.0806	
BLANK	1	12	-0.0174	-0.137	-5.79e-3	
12C0601-02	1	13	0.373	2.85	0.241	
12C0601-02 DUP	1	14	0.384	2.93	0.262	
12C0601-02 MS=4.0 MG/L	1	15	4.46	31.5	2.72	
12C0601-04	1	16	-0.116	-0.900	-0.0236	
12C0620-02	1	17	7.67e-3	0.0563	4.57e-3	
BLANK	1	18	-5.20e-3	-0.0429	-1.53e-3	
12C0620-03	1	19	0.125	0.961	0.0836	
12C0620-04	1	20	3.48	25.0	2.17	
CCV = 5.0 MG/L	1	S1	5.07	35.4	2.76	2.00
		Known Conc:	5.00			
12C0620-05	1	21	0.348	2.66	0.234	
12C0620-06	1	22	6.27	42.9	3.57	
12C0625-01	1	23	4.42	31.2	2.63	
BLANK	1	24	-0.262	-2.03	-0.0489	
12C0657-01	1	25	2.24	16.5	1.29	
12C0657-02	1	26	-0.112	-0.871	-0.0215	
12C0657-03	1	27	0.0543	0.415	0.0332	
12C0657-04	1	28	3.80	27.1	2.22	
CCV = 5.0 MG/L	1	S1	4.91	34.4	2.57	2.00
		Known Conc:	5.00			

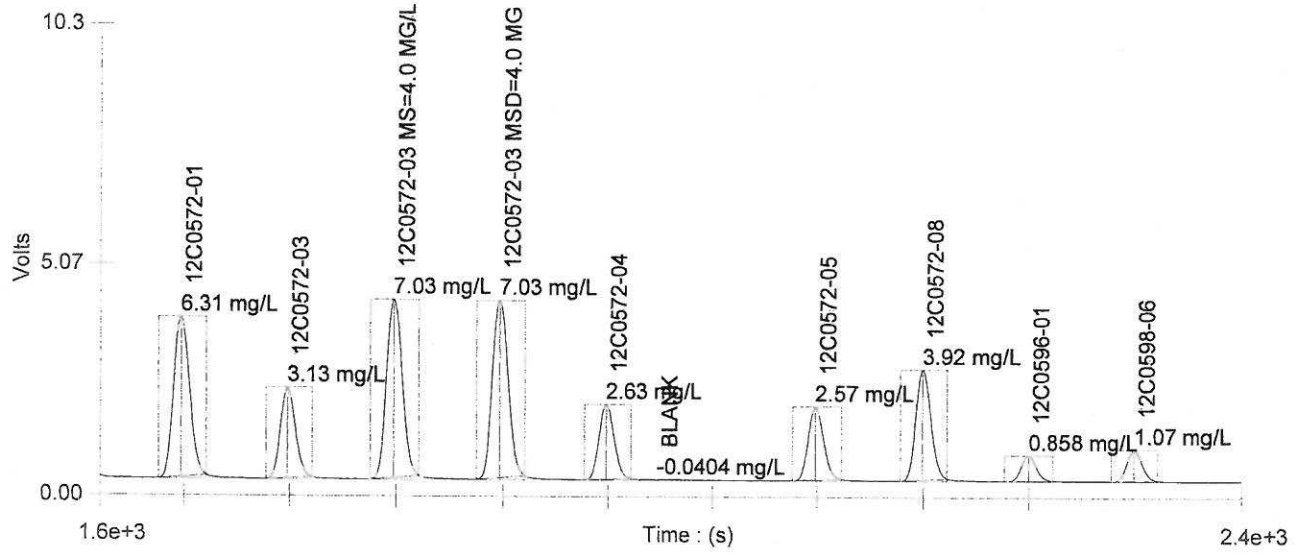
Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 1 / 5



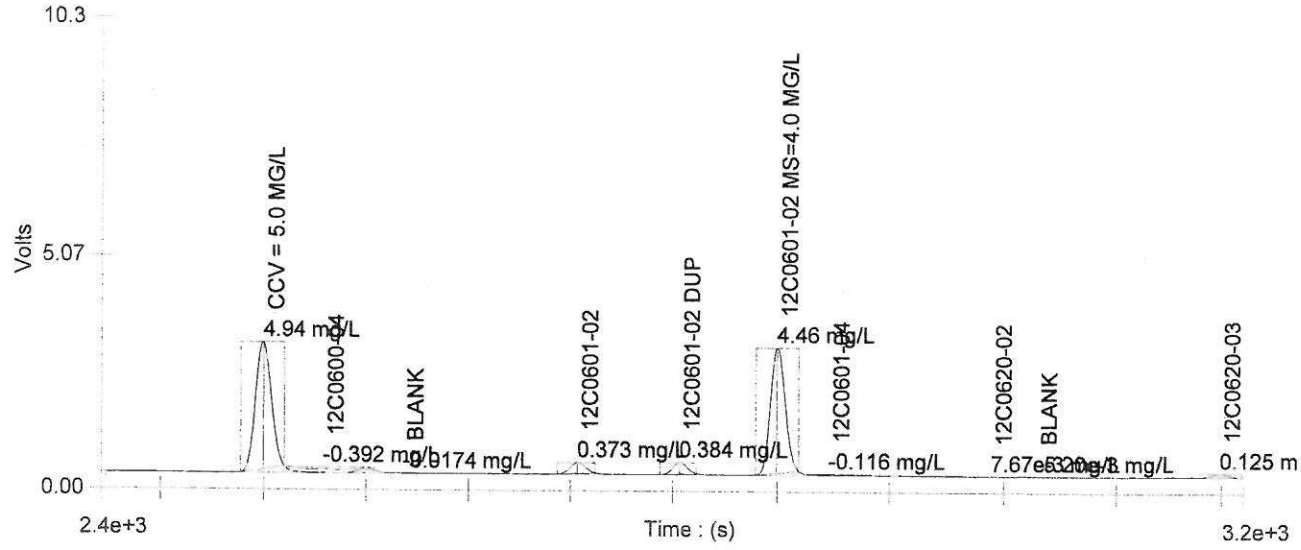
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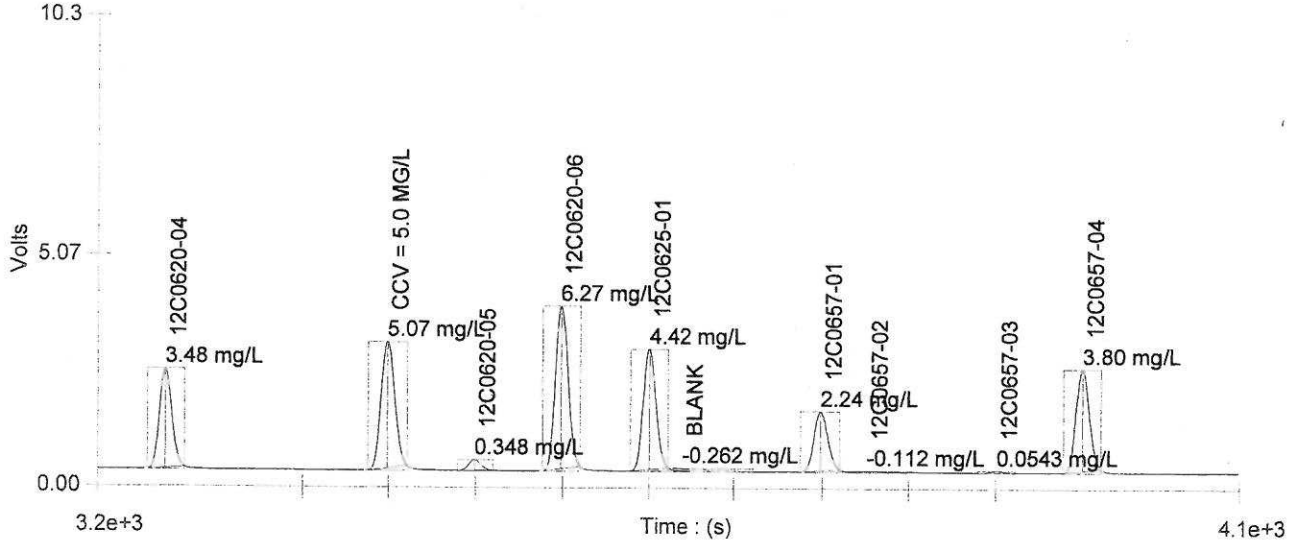
Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 3 / 5



Channel 1 (NO3-NO2) - Set: 4 / 5



Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 5 / 5

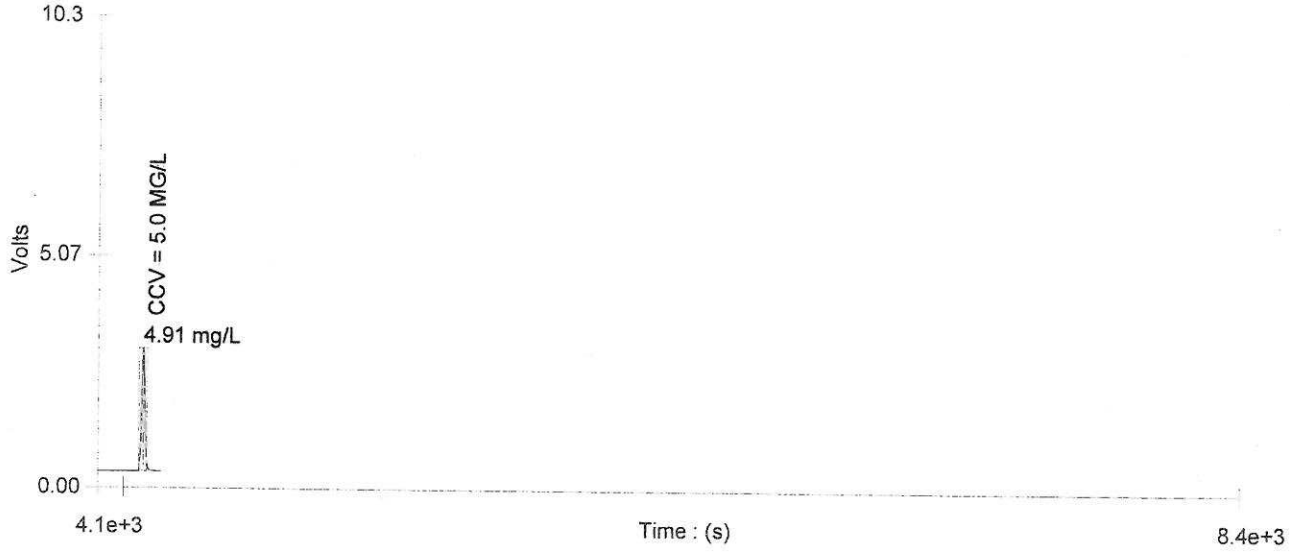
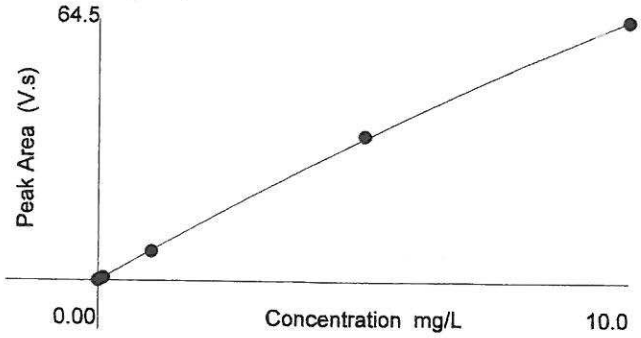


Table : 1 (NOX)

	Known Conc. (mg/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg/L)	Detection Date	Detection Time
1	10.0	1	64.5	4.67	0.0	0.4	9.94	3/26/2012	10:23:36 AM
2	5.00	1	35.6	2.77	0.0	-1.6	5.11	3/26/2012	10:26:46 AM
3	1.00	1	7.14	0.578	0.0	4.3	0.946	3/26/2012	10:29:50 AM
4	0.100	1	0.734	0.0583	0.0	3.4	0.0958	3/26/2012	10:33:14 AM
5	0.0500	1	0.415	0.0291	0.0	-8.6	0.0543	3/26/2012	10:40:32 AM
6	0.00	1	-4.31e-3	-1.76e-3			-1.94e-4	3/26/2012	10:41:42 AM

Figure : 1 (NOX)



Area = - 0.109 * Conc^2 + 7.56 * Conc + 4.21e-3
Conc = 3.80e-4 * Area^2 + 0.130 * Area + 3.66e-4
Correlation Coefficient (r) = 0.99999

Weighting : 1/x

Data Package

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March 28, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: EN.002699.0025.06
Laboratory Work Order Number: 12C0620

Enclosed are results of analyses for samples received by the laboratory on March 21, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Charles W. Balicki
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/28/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0620

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB32012-04	12C0620-01	Trip Blank Water		SW-846 8260C	
MW-31D-March 2012	12C0620-02	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
MW-31C-March 2012	12C0620-03	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
MW-31B-March 2012	12C0620-04	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	
MW-46D-March 2012	12C0620-05	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/28/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0620

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-46C-March 2012	12C0620-06	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 12)

B048557-BS1, B048557-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Bromomethane, tert-Butyl Alcohol (TBA), trans-1,4-Dichloro-2-butene

12C0620-01[TB32012-04], 12C0620-02[MW-31D-March 2012], 12C0620-03[MW-31C-March 2012], 12C0620-04[MW-31B-March 2012], 12C0620-05[MW-46D-March 2012], 12C0620-06[MW-46C-March 2012], B048557-BLK1, B048557-BS1, B048557-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

12C0620-01[TB32012-04], 12C0620-02[MW-31D-March 2012], 12C0620-03[MW-31C-March 2012], 12C0620-04[MW-31B-March 2012], 12C0620-05[MW-46D-March 2012], 12C0620-06[MW-46C-March 2012], B048557-BLK1, B048557-BS1, B048557-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromoform, Chloromethane, Dichlorodifluoromethane (Freon 12)

B048557-BS1, B048557-BSD1

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: TB32012-04 | Sampled: 3/20/2012 07:20

Sample ID: 12C0620-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 23:24	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/26/12 23:24	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: TB32012-04 | Sampled: 3/20/2012 07:20

Sample ID: 12C0620-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/26/12 23:24	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	102	70-130		3/26/12 23:24
Toluene-d8	101	70-130		3/26/12 23:24
4-Bromofluorobenzene	96.5	70-130		3/26/12 23:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31D-March 2012 | Sampled: 3/20/2012 09:32

Sample ID: 12C0620-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 4:25	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 4:25	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Dichlorodifluoromethane (Freon 12)	14	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31D-March 2012 | Sampled: 3/20/2012 09:32

Sample ID: 12C0620-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:25	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		3/27/12 4:25
Toluene-d8	100	70-130		3/27/12 4:25
4-Bromofluorobenzene	96.0	70-130		3/27/12 4:25

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31D-March 2012 | Sampled: 3/20/2012 09:32

Sample ID: 12C0620-02

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:42	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:42	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:42	WSD

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

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Field Sample #: MW-31D-March 2012 | Sampled: 3/20/2012 09:32

Sample ID: 12C0620-02

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	2.0	0.050	mg/L	1		SW-846 6010C	3/22/12	3/26/12 10:52	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31D-March 2012 | Sampled: 3/20/2012 09:32

Sample ID: 12C0620-02

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	1.5	0.40	mg/L	2		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	ND	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 12:00	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 9:10	VAK
Sulfate	42	4.0	mg/L	2		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	ND	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31C-March 2012 | Sampled: 3/20/2012 10:45

Sample ID: 12C0620-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 4:55	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 4:55	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Dichlorodifluoromethane (Freon 12)	25	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1-Dichloroethane	1.8	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31C-March 2012 | Sampled: 3/20/2012 10:45

Sample ID: 12C0620-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Methyl tert-Butyl Ether (MTBE)	1.3	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 4:55	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		3/27/12 4:55
Toluene-d8	100	70-130		3/27/12 4:55
4-Bromofluorobenzene	96.0	70-130		3/27/12 4:55

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31C-March 2012 | Sampled: 3/20/2012 10:45

Sample ID: 12C0620-03

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:56	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:56	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/27/12	3/27/12 12:56	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31C-March 2012 | Sampled: 3/20/2012 10:45

Sample ID: 12C0620-03

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	2.4	0.050	mg/L	1		SW-846 6010C	3/22/12	3/26/12 10:57	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31C-March 2012 | Sampled: 3/20/2012 10:45

Sample ID: 12C0620-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	2.1	1.0	mg/L	5		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	0.12	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	0.010	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 12:00	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 9:10	VAK
Sulfate	39	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.1	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31B-March 2012 | Sampled: 3/20/2012 12:00

Sample ID: 12C0620-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 5:25	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 5:25	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31B-March 2012 | Sampled: 3/20/2012 12:00

Sample ID: 12C0620-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:25	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		3/27/12 5:25
Toluene-d8	99.7	70-130		3/27/12 5:25
4-Bromofluorobenzene	96.3	70-130		3/27/12 5:25

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31B-March 2012 | Sampled: 3/20/2012 12:00

Sample ID: 12C0620-04

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 13:11	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 13:11	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/27/12	3/27/12 13:11	WSD

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31B-March 2012 | Sampled: 3/20/2012 12:00

Sample ID: 12C0620-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	0.062	0.050	mg/L	1		SW-846 6010C	3/22/12	3/26/12 11:02	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-31B-March 2012 | Sampled: 3/20/2012 12:00

Sample ID: 12C0620-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	3.5	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 12:00	VAK
Orthophosphate as P	0.052	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 9:10	VAK
Sulfate	22	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	1.2	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46D-March 2012 | Sampled: 3/20/2012 14:22

Sample ID: 12C0620-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 5:55	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 5:55	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Dichlorodifluoromethane (Freon 12)	20	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1-Dichloroethane	1.0	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
cis-1,2-Dichloroethylene	7.7	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46D-March 2012 | Sampled: 3/20/2012 14:22

Sample ID: 12C0620-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Tetrachloroethylene	30	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Trichloroethylene	6.8	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 5:55	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		3/27/12 5:55
Toluene-d8	99.8	70-130		3/27/12 5:55
4-Bromofluorobenzene	97.1	70-130		3/27/12 5:55

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46D-March 2012 | Sampled: 3/20/2012 14:22

Sample ID: 12C0620-05

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:06	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:06	WSD
Methane	0.32	0.010	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:06	WSD

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46D-March 2012 | Sampled: 3/20/2012 14:22

Sample ID: 12C0620-05

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	1.6	0.050	mg/L	1		SW-846 6010C	3/22/12	3/26/12 11:07	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46D-March 2012 | Sampled: 3/20/2012 14:22

Sample ID: 12C0620-05

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	1.3	0.40	mg/L	2		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	0.35	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 12:00	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 9:10	VAK
Sulfate	44	4.0	mg/L	2		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	ND	1.0	mg/L	1		SM 5310B	3/23/12	3/23/12 8:17	LL

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46C-March 2012 | Sampled: 3/20/2012 16:07

Sample ID: 12C0620-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Bromomethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 6:26	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-05, V-16	SW-846 8260C	3/26/12	3/27/12 6:26	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
cis-1,2-Dichloroethylene	2.0	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46C-March 2012 | Sampled: 3/20/2012 16:07

Sample ID: 12C0620-06

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Hexachlorobutadiene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Tetrachloroethylene	110	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Trichloroethylene	12	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/26/12	3/27/12 6:26	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		3/27/12 6:26
Toluene-d8	99.9	70-130		3/27/12 6:26
4-Bromofluorobenzene	95.7	70-130		3/27/12 6:26

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46C-March 2012 | Sampled: 3/20/2012 16:07

Sample ID: 12C0620-06

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:21	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:21	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/27/12	3/27/12 14:21	WSD

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46C-March 2012 | Sampled: 3/20/2012 16:07

Sample ID: 12C0620-06

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	1.0	0.050	mg/L	1		SW-846 6010C	3/22/12	3/23/12 14:33	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12C0620

Date Received: 3/21/2012

Field Sample #: MW-46C-March 2012 | Sampled: 3/20/2012 16:07

Sample ID: 12C0620-06

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	0.72	0.20	mg/L	1		SM18-20 3500 Fe D	3/22/12	3/22/12 16:00	SBP
Nitrate as N	6.2	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/26/12	3/26/12 11:35	VAK
Nitrite as N	0.022	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/21/12	3/21/12 12:00	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 9:10	VAK
Sulfate	29	2.0	mg/L	1		ASTM D516-90, 02	3/26/12	3/26/12 18:20	AED
Total Organic Carbon	ND	1.0	mg/L	1		SM 5310B	3/26/12	3/26/12 8:17	LL

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Sample Extraction Data

3810/RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048703	1.00	1.00	03/27/12
12C0620-03 [MW-31C-March 2012]	B048703	1.00	1.00	03/27/12
12C0620-04 [MW-31B-March 2012]	B048703	1.00	1.00	03/27/12
12C0620-05 [MW-46D-March 2012]	B048703	1.00	1.00	03/27/12
12C0620-06 [MW-46C-March 2012]	B048703	1.00	1.00	03/27/12

ASTM D516-90, 02

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048577	50.0	100	03/26/12
12C0620-03 [MW-31C-March 2012]	B048577	100	100	03/26/12
12C0620-04 [MW-31B-March 2012]	B048577	100	100	03/26/12
12C0620-05 [MW-46D-March 2012]	B048577	50.0	100	03/26/12
12C0620-06 [MW-46C-March 2012]	B048577	100	100	03/26/12

SM 18-20 4500 NO2 B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048306	50.0	50.0	03/21/12
12C0620-03 [MW-31C-March 2012]	B048306	50.0	50.0	03/21/12
12C0620-04 [MW-31B-March 2012]	B048306	50.0	50.0	03/21/12
12C0620-05 [MW-46D-March 2012]	B048306	50.0	50.0	03/21/12
12C0620-06 [MW-46C-March 2012]	B048306	50.0	50.0	03/21/12

Prep Method: SM 4500 NO3-F-SM 18-20 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048564	25.0	25.0	03/26/12
12C0620-03 [MW-31C-March 2012]	B048564	25.0	25.0	03/26/12
12C0620-04 [MW-31B-March 2012]	B048564	25.0	25.0	03/26/12
12C0620-05 [MW-46D-March 2012]	B048564	25.0	25.0	03/26/12
12C0620-06 [MW-46C-March 2012]	B048564	25.0	25.0	03/26/12

SM 18-20 4500 P E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048395	50.0	50.0	03/22/12
12C0620-03 [MW-31C-March 2012]	B048395	50.0	50.0	03/22/12
12C0620-04 [MW-31B-March 2012]	B048395	50.0	50.0	03/22/12
12C0620-05 [MW-46D-March 2012]	B048395	50.0	50.0	03/22/12
12C0620-06 [MW-46C-March 2012]	B048395	50.0	50.0	03/22/12

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048633	50.0	50.0	03/23/12
12C0620-03 [MW-31C-March 2012]	B048633	50.0	50.0	03/23/12
12C0620-04 [MW-31B-March 2012]	B048633	50.0	50.0	03/23/12
12C0620-05 [MW-46D-March 2012]	B048633	50.0	50.0	03/23/12

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Sample Extraction Data

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-06 [MW-46C-March 2012]	B048634	50.0	50.0	03/26/12

SM18-20 3500 Fe D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048508	50.0	50.0	03/22/12
12C0620-03 [MW-31C-March 2012]	B048508	50.0	50.0	03/22/12
12C0620-04 [MW-31B-March 2012]	B048508	50.0	50.0	03/22/12
12C0620-05 [MW-46D-March 2012]	B048508	50.0	50.0	03/22/12
12C0620-06 [MW-46C-March 2012]	B048508	50.0	50.0	03/22/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-02 [MW-31D-March 2012]	B048401	50.0	50.0	03/22/12
12C0620-03 [MW-31C-March 2012]	B048401	50.0	50.0	03/22/12
12C0620-04 [MW-31B-March 2012]	B048401	50.0	50.0	03/22/12
12C0620-05 [MW-46D-March 2012]	B048401	50.0	50.0	03/22/12
12C0620-06 [MW-46C-March 2012]	B048401	50.0	50.0	03/22/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0620-01 [TB32012-04]	B048557	5	5.00	03/26/12
12C0620-02 [MW-31D-March 2012]	B048557	5	5.00	03/26/12
12C0620-03 [MW-31C-March 2012]	B048557	5	5.00	03/26/12
12C0620-04 [MW-31B-March 2012]	B048557	5	5.00	03/26/12
12C0620-05 [MW-46D-March 2012]	B048557	5	5.00	03/26/12
12C0620-06 [MW-46C-March 2012]	B048557	5	5.00	03/26/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048557 - SW-846 5030B										
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							V-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	2.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B											
Blank (B048557-BLK1)				Prepared & Analyzed: 03/26/12							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.7*		µg/L	25.0		103	70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101	70-130				
Surrogate: 4-Bromofluorobenzene	*24.2*		µg/L	25.0		96.9	70-130				
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12							
Acetone	109	50	µg/L	100		109	70-160				†
Acrylonitrile	9.51	5.0	µg/L	10.0		95.1	70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105	70-130				
Benzene	10.9	1.0	µg/L	10.0		109	70-130				
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130				
Bromodichloromethane	9.91	0.50	µg/L	10.0		99.1	70-130				
Bromoform	12.1	1.0	µg/L	10.0		121	70-130			V-20	
Bromomethane	7.55	2.0	µg/L	10.0		75.5	40-160			V-05	†
2-Butanone (MEK)	96.5	20	µg/L	100		96.5	40-160				†
tert-Butyl Alcohol (TBA)	78.3	20	µg/L	100		78.3	40-160			V-05, V-16	†
n-Butylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
sec-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
tert-Butylbenzene	11.4	1.0	µg/L	10.0		114	70-130				
tert-Butyl Ethyl Ether (TBEE)	11.0	0.50	µg/L	10.0		110	70-130				
Carbon Disulfide	12.2	2.0	µg/L	10.0		122	70-130				
Carbon Tetrachloride	9.89	5.0	µg/L	10.0		98.9	70-130				
Chlorobenzene	11.2	1.0	µg/L	10.0		112	70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114	70-130				
Chloroethane	11.4	2.0	µg/L	10.0		114	70-130				
Chloroform	10.7	2.0	µg/L	10.0		107	70-130				
Chloromethane	14.5	2.0	µg/L	10.0		145	40-160			V-20	†
2-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12								
4-Chlorotoluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.21	5.0	µg/L	10.0		92.1		70-130				
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,3-Dichlorobenzene	11.5	1.0	µg/L	10.0		115		70-130				
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130				
trans-1,4-Dichloro-2-butene	7.36	2.0	µg/L	10.0		73.6		70-130			V-05	
Dichlorodifluoromethane (Freon 12)	18.4	2.0	µg/L	10.0		**184**	*	40-160			L-02, V-20	†
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130				
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1-Dichloroethylene	11.2	1.0	µg/L	10.0		112		70-130				
cis-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dichloropropane	10.6	1.0	µg/L	10.0		106		70-130				
1,3-Dichloropropane	10.6	0.50	µg/L	10.0		106		70-130				
2,2-Dichloropropane	9.61	1.0	µg/L	10.0		96.1		40-130				†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109		70-130				
cis-1,3-Dichloropropene	9.85	0.50	µg/L	10.0		98.5		70-130				
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106		70-130				
Diethyl Ether	9.42	2.0	µg/L	10.0		94.2		70-130				
Diisopropyl Ether (DIPE)	11.7	0.50	µg/L	10.0		117		70-130				
1,4-Dioxane	95.4	50	µg/L	100		95.4		40-130			V-16	†
Ethylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Hexachlorobutadiene	10.1	2.0	µg/L	10.0		101		70-130				
2-Hexanone (MBK)	98.7	10	µg/L	100		98.7		70-160				†
Isopropylbenzene (Cumene)	11.4	1.0	µg/L	10.0		114		70-130				
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113		70-130				
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112		70-130				
Methylene Chloride	11.3	5.0	µg/L	10.0		113		70-130				
4-Methyl-2-pentanone (MIBK)	95.4	10	µg/L	100		95.4		70-160				†
Naphthalene	8.27	2.0	µg/L	10.0		82.7		40-130				†
n-Propylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
Styrene	10.9	1.0	µg/L	10.0		109		70-130				
1,1,1,2-Tetrachloroethane	10.6	1.0	µg/L	10.0		106		70-130				
1,1,2,2-Tetrachloroethane	9.92	0.50	µg/L	10.0		99.2		70-130				
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108		70-130				
Tetrahydrofuran	8.76	10	µg/L	10.0		87.6		70-130				
Toluene	11.1	1.0	µg/L	10.0		111		70-130				
1,2,3-Trichlorobenzene	8.73	5.0	µg/L	10.0		87.3		70-130				
1,2,4-Trichlorobenzene	8.88	1.0	µg/L	10.0		88.8		70-130				
1,3,5-Trichlorobenzene	9.29	1.0	µg/L	10.0		92.9		70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107		70-130				
1,2,3-Trichloropropane	10.1	2.0	µg/L	10.0		101		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	1.0	µg/L	10.0		118		70-130				
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
1,3,5-Trimethylbenzene	10.5	1.0	µg/L	10.0		105		70-130				
Vinyl Chloride	10.9	2.0	µg/L	10.0		109		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B												
LCS (B048557-BS1)				Prepared & Analyzed: 03/26/12								
m+p Xylene	21.9	2.0	µg/L	20.0		110		70-130				
o-Xylene	11.7	1.0	µg/L	10.0		117		70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.7*		µg/L	25.0		98.9		70-130				
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*24.6*		µg/L	25.0		98.4		70-130				
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12								
Acetone	121	50	µg/L	100		121		70-160	10.7	25		†
Acrylonitrile	10.8	5.0	µg/L	10.0		108		70-130	12.2	25		
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130	0.0949	25		
Benzene	10.4	1.0	µg/L	10.0		104		70-130	4.96	25		
Bromobenzene	10.0	1.0	µg/L	10.0		100		70-130	6.57	25		
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130	3.99	25		
Bromodichloromethane	9.41	0.50	µg/L	10.0		94.1		70-130	5.18	25		
Bromoform	12.6	1.0	µg/L	10.0		126		70-130	4.45	25	V-20	
Bromomethane	8.36	2.0	µg/L	10.0		83.6		40-160	10.2	25	V-05	†
2-Butanone (MEK)	110	20	µg/L	100		110		40-160	12.7	25		†
tert-Butyl Alcohol (TBA)	92.0	20	µg/L	100		92.0		40-160	16.1	25	V-05, V-16	†
n-Butylbenzene	10.2	1.0	µg/L	10.0		102		70-130	7.55	25		
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	7.81	25		
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	8.73	25		
tert-Butyl Ethyl Ether (TBEE)	10.7	0.50	µg/L	10.0		107		70-130	2.03	25		
Carbon Disulfide	11.3	2.0	µg/L	10.0		113		70-130	7.72	25		
Carbon Tetrachloride	9.17	5.0	µg/L	10.0		91.7		70-130	7.56	25		
Chlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	3.36	25		
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114		70-130	0.0878	25		
Chloroethane	10.6	2.0	µg/L	10.0		106		70-130	7.47	25		
Chloroform	10.2	2.0	µg/L	10.0		102		70-130	4.31	25		
Chloromethane	13.7	2.0	µg/L	10.0		137		40-160	5.82	25	V-20	†
2-Chlorotoluene	10.5	1.0	µg/L	10.0		105		70-130	5.83	25		
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130	6.58	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.75	5.0	µg/L	10.0		97.5		70-130	5.70	25		
1,2-Dibromoethane (EDB)	10.7	0.50	µg/L	10.0		107		70-130	2.18	25		
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130	0.385	25		
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.27	25		
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.73	25		
1,4-Dichlorobenzene	9.94	1.0	µg/L	10.0		99.4		70-130	6.80	25		
trans-1,4-Dichloro-2-butene	7.98	2.0	µg/L	10.0		79.8		70-130	8.08	25	V-05	
Dichlorodifluoromethane (Freon 12)	16.7	2.0	µg/L	10.0		**167**	*	40-160	9.81	25	L-02, V-20	†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130	5.77	25		
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130	1.79	25		
1,1-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130	9.18	25		
cis-1,2-Dichloroethylene	9.52	1.0	µg/L	10.0		95.2		70-130	7.09	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	6.16	25		
1,2-Dichloropropane	10.1	1.0	µg/L	10.0		101		70-130	4.63	25		
1,3-Dichloropropane	10.7	0.50	µg/L	10.0		107		70-130	0.470	25		
2,2-Dichloropropane	8.61	1.0	µg/L	10.0		86.1		40-130	11.0	25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130	3.44	25		
cis-1,3-Dichloropropene	9.65	0.50	µg/L	10.0		96.5		70-130	2.05	25		
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103		70-130	3.25	25		
Diethyl Ether	9.93	2.0	µg/L	10.0		99.3		70-130	5.27	25		
Diisopropyl Ether (DIPE)	11.3	0.50	µg/L	10.0		113		70-130	3.21	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048557 - SW-846 5030B											
LCS Dup (B048557-BSD1)				Prepared & Analyzed: 03/26/12							
1,4-Dioxane	93.7	50	µg/L	100		93.7	40-130	1.84	50	V-16	† ‡
Ethylbenzene	10.1	1.0	µg/L	10.0		101	70-130	6.35	25		
Hexachlorobutadiene	9.48	2.0	µg/L	10.0		94.8	70-130	5.94	25		
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	11.4	25		†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106	70-130	7.08	25		
p-Isopropyltoluene (p-Cymene)	10.4	1.0	µg/L	10.0		104	70-130	8.59	25		
Methyl tert-Butyl Ether (MTBE)	11.7	1.0	µg/L	10.0		117	70-130	4.64	25		
Methylene Chloride	10.6	5.0	µg/L	10.0		106	70-130	6.38	25		
4-Methyl-2-pentanone (MIBK)	109	10	µg/L	100		109	70-160	12.9	25		†
Naphthalene	9.04	2.0	µg/L	10.0		90.4	40-130	8.90	25		†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106	70-130	7.45	25		
Styrene	10.2	1.0	µg/L	10.0		102	70-130	6.75	25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	4.23	25		
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130	8.59	25		
Tetrachloroethylene	9.79	1.0	µg/L	10.0		97.9	70-130	9.72	25		
Tetrahydrofuran	9.74	10	µg/L	10.0		97.4	70-130	10.6	25		
Toluene	10.4	1.0	µg/L	10.0		104	70-130	6.05	25		
1,2,3-Trichlorobenzene	9.47	5.0	µg/L	10.0		94.7	70-130	8.13	25		
1,2,4-Trichlorobenzene	8.82	1.0	µg/L	10.0		88.2	70-130	0.678	25		
1,3,5-Trichlorobenzene	8.69	1.0	µg/L	10.0		86.9	70-130	6.67	25		
1,1,1-Trichloroethane	10.0	1.0	µg/L	10.0		100	70-130	4.29	25		
1,1,2-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	3.50	25		
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	6.86	25		
Trichlorofluoromethane (Freon 11)	9.85	2.0	µg/L	10.0		98.5	70-130	8.18	25		
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109	70-130	7.24	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2	1.0	µg/L	10.0		112	70-130	5.74	25		
1,2,4-Trimethylbenzene	9.97	1.0	µg/L	10.0		99.7	70-130	6.31	25		
1,3,5-Trimethylbenzene	9.75	1.0	µg/L	10.0		97.5	70-130	7.12	25		
Vinyl Chloride	10.1	2.0	µg/L	10.0		101	40-160	7.45	25		†
m+p Xylene	20.4	2.0	µg/L	20.0		102	70-130	7.04	25		
o-Xylene	10.9	1.0	µg/L	10.0		109	70-130	7.28	25		
Surrogate: 1,2-Dichloroethane-d4	*25.5*		µg/L	25.0		102	70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102	70-130				
Surrogate: 4-Bromofluorobenzene	*24.8*		µg/L	25.0		99.4	70-130				

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048703 - 3810/RSK175										
Blank (B048703-BLK1)				Prepared & Analyzed: 03/27/12						
Ethane	ND	0.10	mg/L							
Ethene	ND	0.10	mg/L							
Methane	ND	0.010	mg/L							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048401 - SW-846 3005A										
Blank (B048401-BLK1)				Prepared: 03/22/12 Analyzed: 03/23/12						
Iron	ND	0.050	mg/L							
LCS (B048401-BS1)				Prepared: 03/22/12 Analyzed: 03/23/12						
Iron	2.11	0.050	mg/L	2.00		106	80-120			
LCS Dup (B048401-BSD1)				Prepared: 03/22/12 Analyzed: 03/23/12						
Iron	2.04	0.050	mg/L	2.00		102	80-120	3.33	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048306 - SM 18-20 4500 NO2 B										
Blank (B048306-BLK1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	ND	0.010	mg/L							
LCS (B048306-BS1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	0.10	0.010	mg/L	0.100		101	90.9-113			
LCS Dup (B048306-BSD1)				Prepared & Analyzed: 03/21/12						
Nitrite as N	0.10	0.010	mg/L	0.100		102	90.9-113	0.698	6.88	
Duplicate (B048306-DUP2)	**Source: 12C0620-04**			Prepared & Analyzed: 03/21/12						
Nitrite as N	ND	0.010	mg/L		ND			NC	17	
Matrix Spike (B048306-MS2)	**Source: 12C0620-04**			Prepared & Analyzed: 03/21/12						
Nitrite as N	0.091	0.010	mg/L	0.100	ND	90.8	71.8-116			
Batch B048395 - SM 18-20 4500 P E										
Blank (B048395-BLK1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	ND	0.050	mg/L							
LCS (B048395-BS1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	0.42	0.050	mg/L	0.420		101	87.4-119			
LCS Dup (B048395-BSD1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	0.44	0.050	mg/L	0.420		104	87.4-119	2.97	11.2	
Duplicate (B048395-DUP1)	**Source: 12C0620-06**			Prepared & Analyzed: 03/22/12						
Orthophosphate as P	ND	0.050	mg/L		ND			NC	17.6	
Matrix Spike (B048395-MS1)	**Source: 12C0620-06**			Prepared & Analyzed: 03/22/12						
Orthophosphate as P	0.32	0.050	mg/L	0.300	ND	107	67.3-125			
Batch B048508 - SM18-20 3500 Fe D										
Blank (B048508-BLK1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	ND	0.20	mg/L							
LCS (B048508-BS1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	0.79	0.20	mg/L	0.800		98.4	85-115			
LCS Dup (B048508-BSD1)				Prepared & Analyzed: 03/22/12						
Ferrous Iron	0.79	0.20	mg/L	0.800		98.4	85-115	0.00	20	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048564 - SM 4500 NO3-F										
Blank (B048564-BLK1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	ND	0.050	mg/L							
LCS (B048564-BS1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	3.7		mg/L	3.71		99.7	94.7-112			
LCS Dup (B048564-BSD1)				Prepared & Analyzed: 03/26/12						
Nitrate as N	3.7		mg/L	3.71		99.5	94.7-112	0.271	3.36	
Batch B048577 - ASTM D516-90, 02										
Blank (B048577-BLK1)				Prepared & Analyzed: 03/26/12						
Sulfate	ND	2.0	mg/L							
LCS (B048577-BS1)				Prepared & Analyzed: 03/26/12						
Sulfate	19	2.0	mg/L	20.0		95.8	81.5-115			
LCS Dup (B048577-BSD1)				Prepared & Analyzed: 03/26/12						
Sulfate	19	2.0	mg/L	20.0		95.3	81.5-115	0.471	10.6	
Duplicate (B048577-DUP1)	**Source: 12C0620-04**			Prepared & Analyzed: 03/26/12						
Sulfate	23	2.0	mg/L		22			3.23	18.6	
Matrix Spike (B048577-MS2)	**Source: 12C0620-04**			Prepared & Analyzed: 03/26/12						
Sulfate	38	2.0	mg/L	20.0	22	79.0	54.4-133			
Batch B048633 - SM 5310B										
Blank (B048633-BLK1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	ND	1.0	mg/L							
LCS (B048633-BS1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	10.2	1.0	mg/L	10.0		102	88.3-112			
LCS Dup (B048633-BSD1)				Prepared & Analyzed: 03/23/12						
Total Organic Carbon	10.6	1.0	mg/L	10.0		106	88.3-112	3.95	6.58	
Batch B048634 - SM 5310B										
Blank (B048634-BLK1)				Prepared & Analyzed: 03/26/12						
Total Organic Carbon	ND	1.0	mg/L							

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048634 - SM 5310B										
LCS (B048634-BS1)				Prepared & Analyzed: 03/26/12						
Total Organic Carbon	9.94	1.0	mg/L	10.0		99.4	88.3-112			
LCS Dup (B048634-BSD1)				Prepared & Analyzed: 03/26/12						
Total Organic Carbon	9.73	1.0	mg/L	10.0		97.3	88.3-112	2.14	6.58	
Duplicate (B048634-DUP1)	**Source: 12C0620-06**			Prepared & Analyzed: 03/26/12						
Total Organic Carbon	ND	1.0	mg/L		ND			NC	26.6	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
ASTM D516-90, 02 in Water	
Sulfate	NY,NH,MA,CT,RI
SM 18-20 4500 NO2 B in Water	
Nitrite as N	CT,NH,NY,ME,NC
SM 18-20 4500 NO3 F in Water	
Nitrate as N	CT,MA,NH,NY,RI,ME,NC
SM 18-20 4500 P E in Water	
Orthophosphate as P	CT,MA,NH,NY,RI,ME
SM 5310B in Water	
Total Organic Carbon	CT,MA,NH,NY,RI,NC,ME
SW-846 6010C in Water	
Iron	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

12C0620

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Company Name: Ecology & Environment
Address: 368 Pleasant View
Lancaster New York 14086
Attention: Rick Watt
Project Location: Farmingdale
Sampled By: L. Rood L, M. Cheplowitz
Telephone: 716 684-8060
Project # EN-002699-0025-06
Client PO#

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ● WEBSITE
Fax #
Email:
Format: ○PDF ○EXCEL ○GIS
● OTHER EQuIS - EDD
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code	VOA's 8260	Total Iron	Nitrate	Nitrite, Sulfate, Alkalinity	Ferrous Iron	TOC	Methane, Ethane, Ethene	Dissolved Metals (Field Filtered / Lab to Filter)
								18	6	6	6	6	6	6	6	12		
								H	W	S	I	H	H	H		H		
								V	P	P	P	A	A	V				
-01	TB32012-04	3/20/12	7:20		X	GW	L	X										
-02	MW-31D-March 2012	3/20/12	09:32		X	GW	L	X	X	X	X	X	X	X	X	X		
-03	MW-31C-March 2012	3/20/12	10:45		X	GW	L	X	X	X	X	X	X	X	X	X		
-04	MW-31B-March 2012	3/20/12	12:00		X	GW	L	X	X	X	X	X	X	X	X	X		
-05	MW-46D-March 2012	3/20/12	14:22		X	GW	L	X	X	X	X	X	X	X	X	X		
-06	MW-46C-March2012	3/20/12	16:07		X	GW	L	X	X	X	X	X	X	X	X	X		

ANALYSIS REQUESTED

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) 2.8°	Date/Time: 1008 3/21/12
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other per Contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

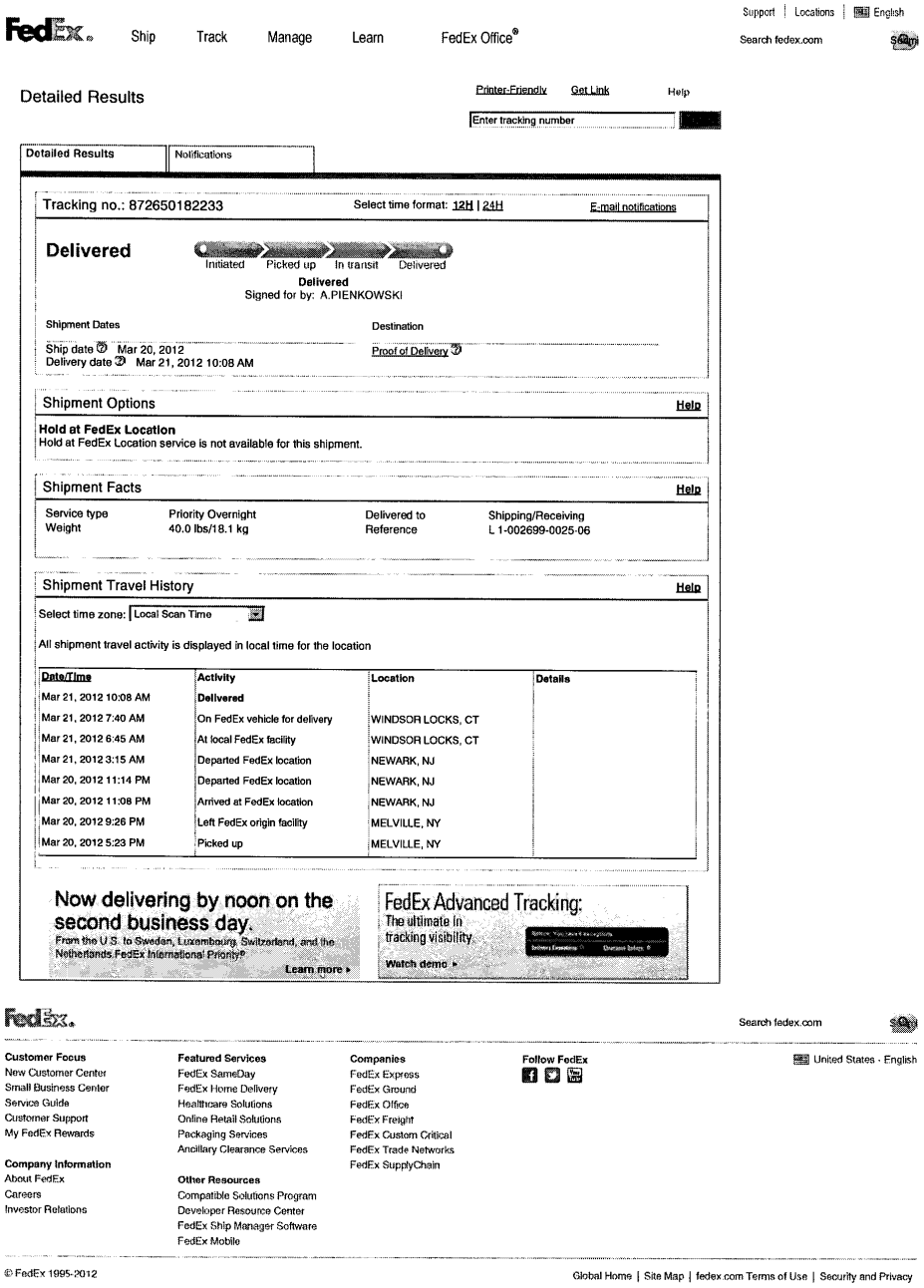
Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



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Detailed Results | Notifications

Tracking no.: 872650182233 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated Picked up In transit Delivered

Delivered
Signed for by: A.PIENKOWSKI

Shipment Dates

Ship date Mar 20, 2012
Delivery date Mar 21, 2012 10:08 AM

Destination

Proof of Delivery

Shipment Options Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts Help

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	40.0 lbs/18.1 kg	Reference	L 1-002699-0025-06

Shipment Travel History Help

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 21, 2012 10:08 AM	**Delivered**		
Mar 21, 2012 7:40 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 21, 2012 6:45 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 21, 2012 3:15 AM	Departed FedEx location	NEWARK, NJ	
Mar 20, 2012 11:14 PM	Departed FedEx location	NEWARK, NJ	
Mar 20, 2012 11:08 PM	Arrived at FedEx location	NEWARK, NJ	
Mar 20, 2012 9:26 PM	Left FedEx origin facility	MELVILLE, NY	
Mar 20, 2012 5:23 PM	Picked up	MELVILLE, NY	

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist



CLIENT NAME: Ecology RECEIVED BY: MIC DATE: 3/21/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No
If not, explain:

3) Are all the samples in good condition? (Yes) No
If not, explain:

4) How were the samples received:
On Ice [X] Direct from Sampling [ ] Ambient [ ] In Cooler(s) [X]

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.8°C

5) Are there Dissolved samples for the lab to filter? Yes (No)
Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No
Who was notified Angela Date 3/21/12 Time 10:30

7) Location where samples are stored:

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: (Yes) No N/A _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	10	2 oz amber/clear jar	
1 Liter Plastic	5	Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	10	Plastic Bag / Ziploc	
40 mL Vial - type listed below	26	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 26 # Methanol _____ Time and Date Frozen:
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB32012-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0620-01	File ID:	VC086036.D
Sampled:	03/20/12 07:20	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB32012-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0620-01	File ID:	VC086036.D
Sampled:	03/20/12 07:20	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB32012-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0620-01	File ID:	VC086036.D
Sampled:	03/20/12 07:20	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB32012-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0620-01	File ID:	VC086036.D
Sampled:	03/20/12 07:20	Prepared:	03/26/12 13:04	Analyzed:	03/26/12 23:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086036.D
Acq On : 26 Mar 2012 11:24 pm
Operator :
Sample : 12C0620-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 33 Sample Multiplier: 1

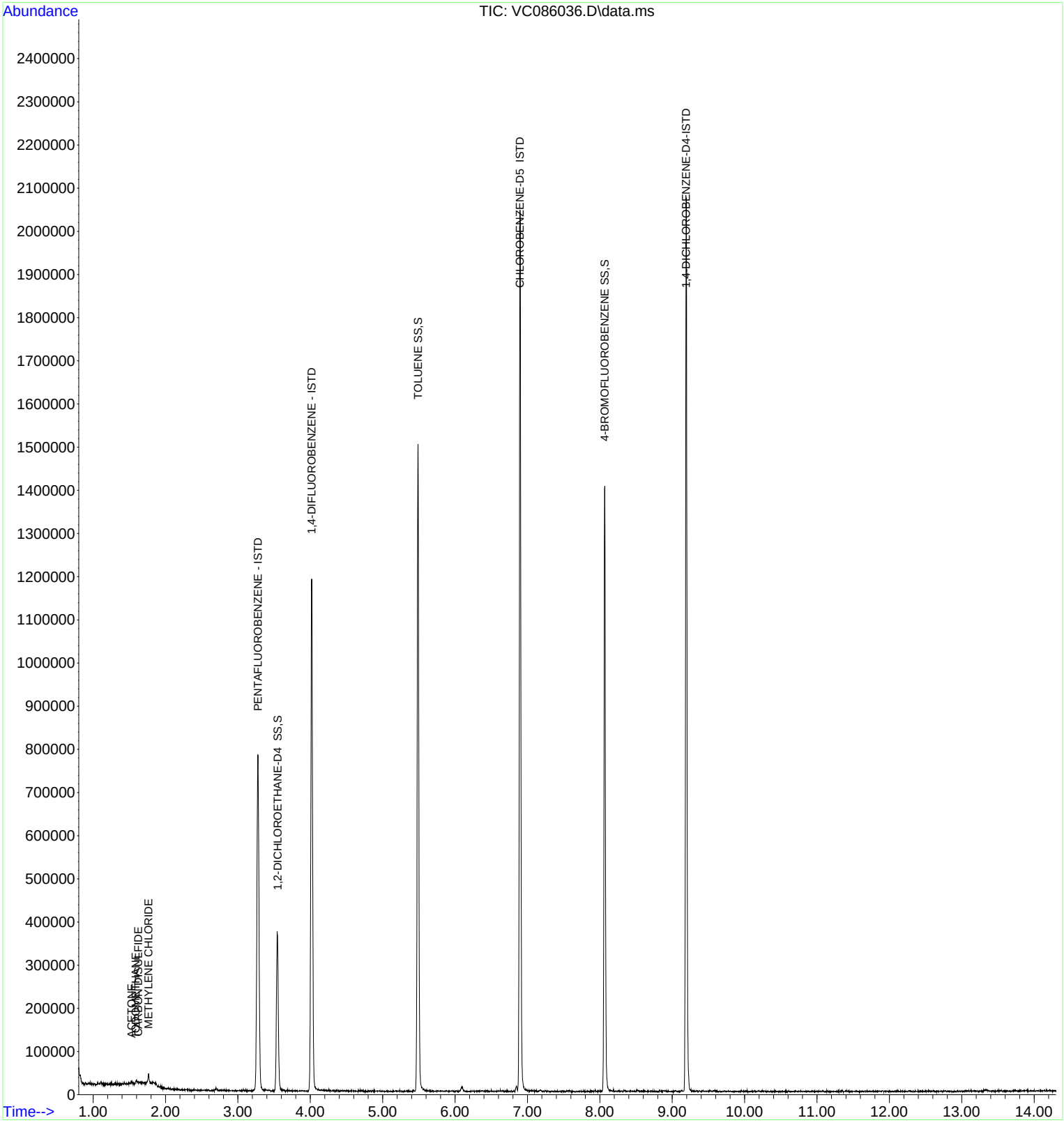
Quant Time: Mar 27 12:54:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

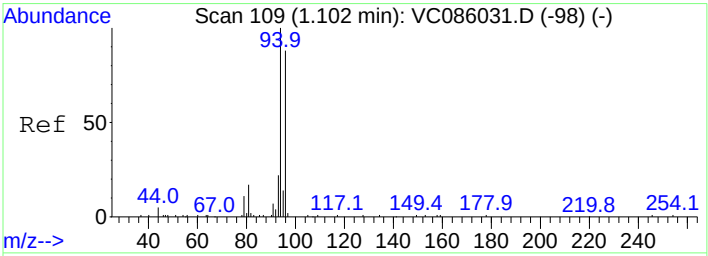
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.277	168	585450	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	920049	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	489552	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	468750	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.548	65	238495	25.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.48%			
49) TOLUENE SS	5.489	98	853161	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.12%			
71) 4-BROMOFLUOROBENZENE SS	8.068	95	391741	24.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.48%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	1972	Below Cal		95
14) ACETONE	1.532	43	4244	2.11	UG/L #	71
17) IODOMETHANE	1.590	142	13126m	1.12	UG/L	
23) METHYLENE CHLORIDE	1.766	49	7435	0.61	UG/L	94
24) CARBON DISULFIDE	1.624	76	2018	0.11	UG/L #	100

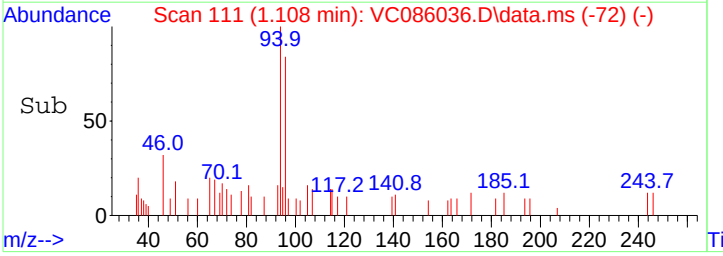
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086036.D
Acq On : 26 Mar 2012 11:24 pm
Operator :
Sample : 12C0620-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 27 12:54:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



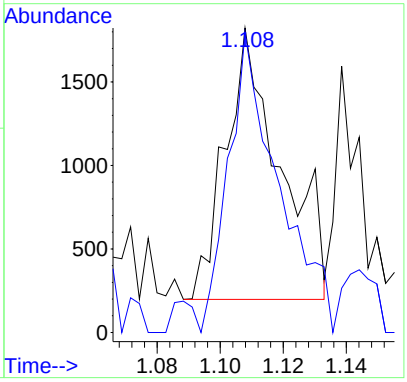


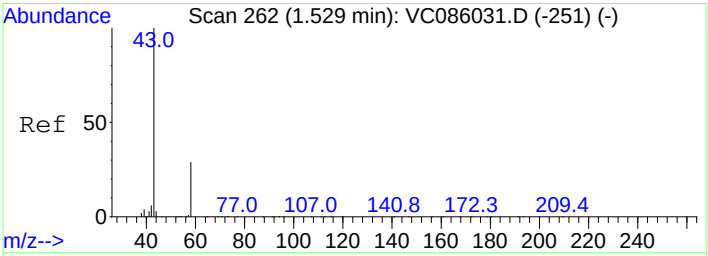


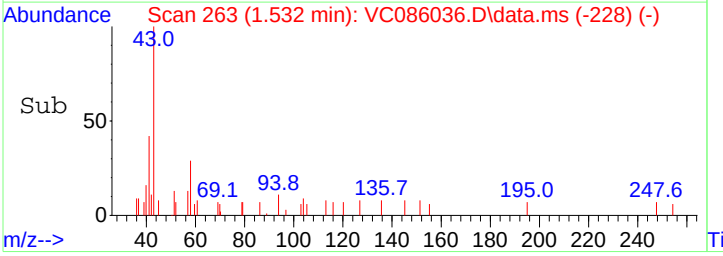
#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086036.D
Acq: 26 Mar 2012 11:24 pm

Tgt Ion: 94 Resp: 1972

Ion	Ratio	Lower	Upper
94	100		
96	100.4	76.2	114.2



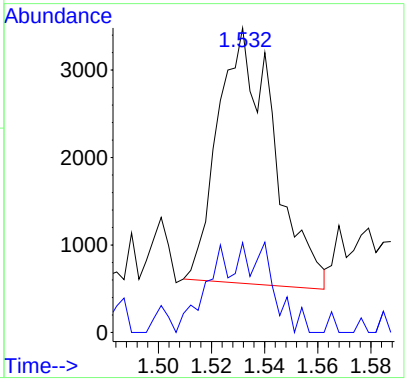


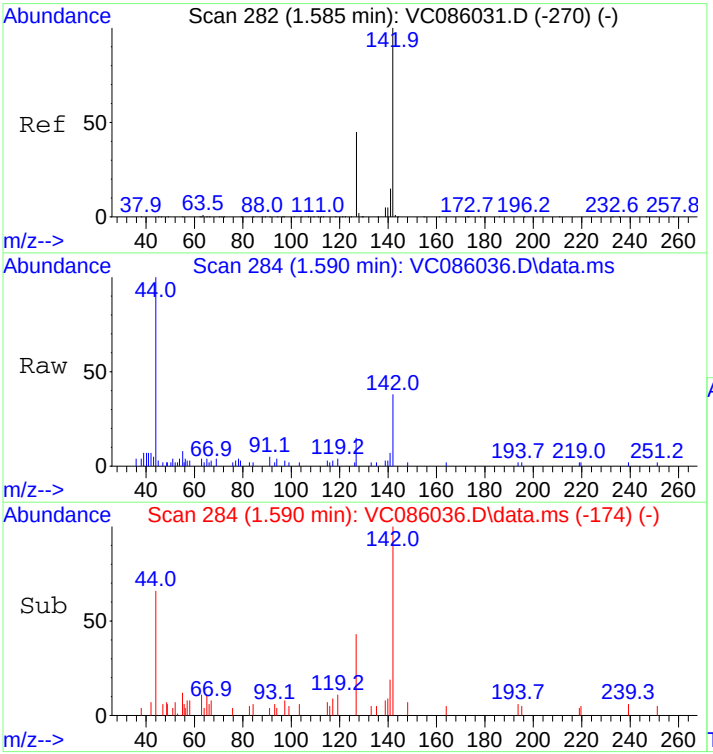


#14
ACETONE
Concen: 2.11 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC086036.D
Acq: 26 Mar 2012 11:24 pm

Tgt Ion: 43 Resp: 4244

Ion	Ratio	Lower	Upper
43	100		
58	14.2	23.8	35.6#

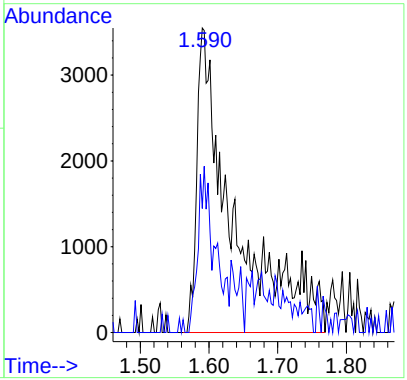


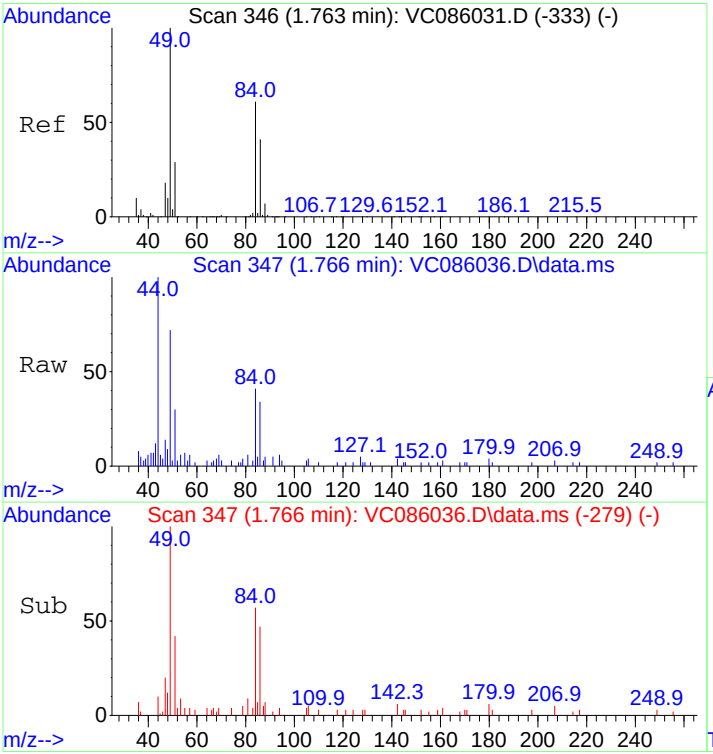


#17
IODOMETHANE
Concen: 1.12 UG/L m
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086036.D
Acq: 26 Mar 2012 11:24 pm

Tgt Ion:142 Resp: 13126

Ion	Ratio	Lower	Upper
142	100		
127	16.8	36.8	55.2#

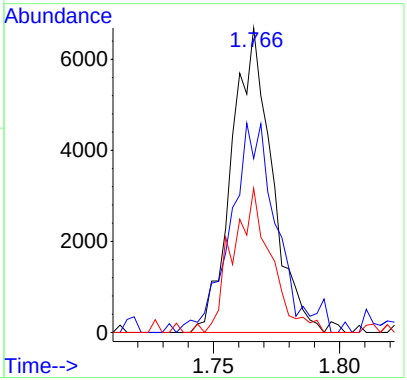


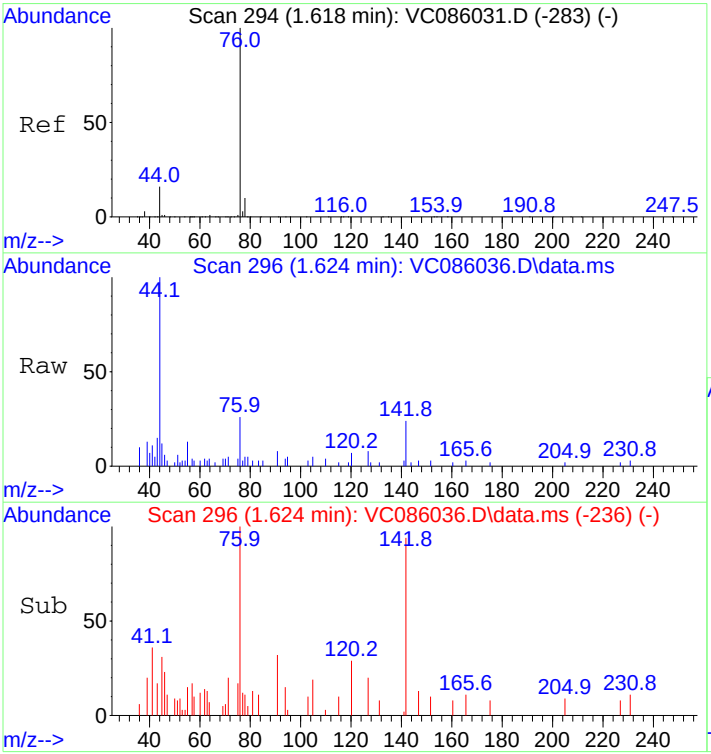


#23
METHYLENE CHLORIDE
Concen: 0.61 UG/L
RT: 1.766 min Scan# 347
Delta R.T. -0.000 min
Lab File: VC086036.D
Acq: 26 Mar 2012 11:24 pm

Tgt Ion: 49 Resp: 7435

Ion	Ratio	Lower	Upper
49	100		
84	79.7	57.8	86.6
86	45.2	37.1	55.7

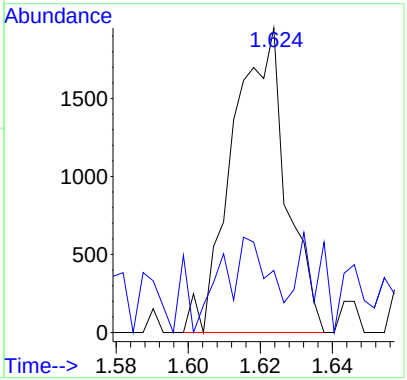




#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.624 min Scan# 296
Delta R.T. 0.003 min
Lab File: VC086036.D
Acq: 26 Mar 2012 11:24 pm

Tgt Ion: 76 Resp: 2018

Ion	Ratio	Lower	Upper
76	100		
78	27.6	0.0	0.0#



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1 - FORM I
ANALYSIS DATA SHEET

MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02	File ID:	VC086046.D
Sampled:	03/20/12 09:32	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02	File ID:	VC086046.D
Sampled:	03/20/12 09:32	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	14	0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02	File ID:	VC086046.D
Sampled:	03/20/12 09:32	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02	File ID:	VC086046.D
Sampled:	03/20/12 09:32	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086046.D
Acq On : 27 Mar 2012 4:25 am
Operator :
Sample : 12C0620-02 Inst : GCMSVOA3
Misc :
ALS Vial : 43 Sample Multiplier: 1

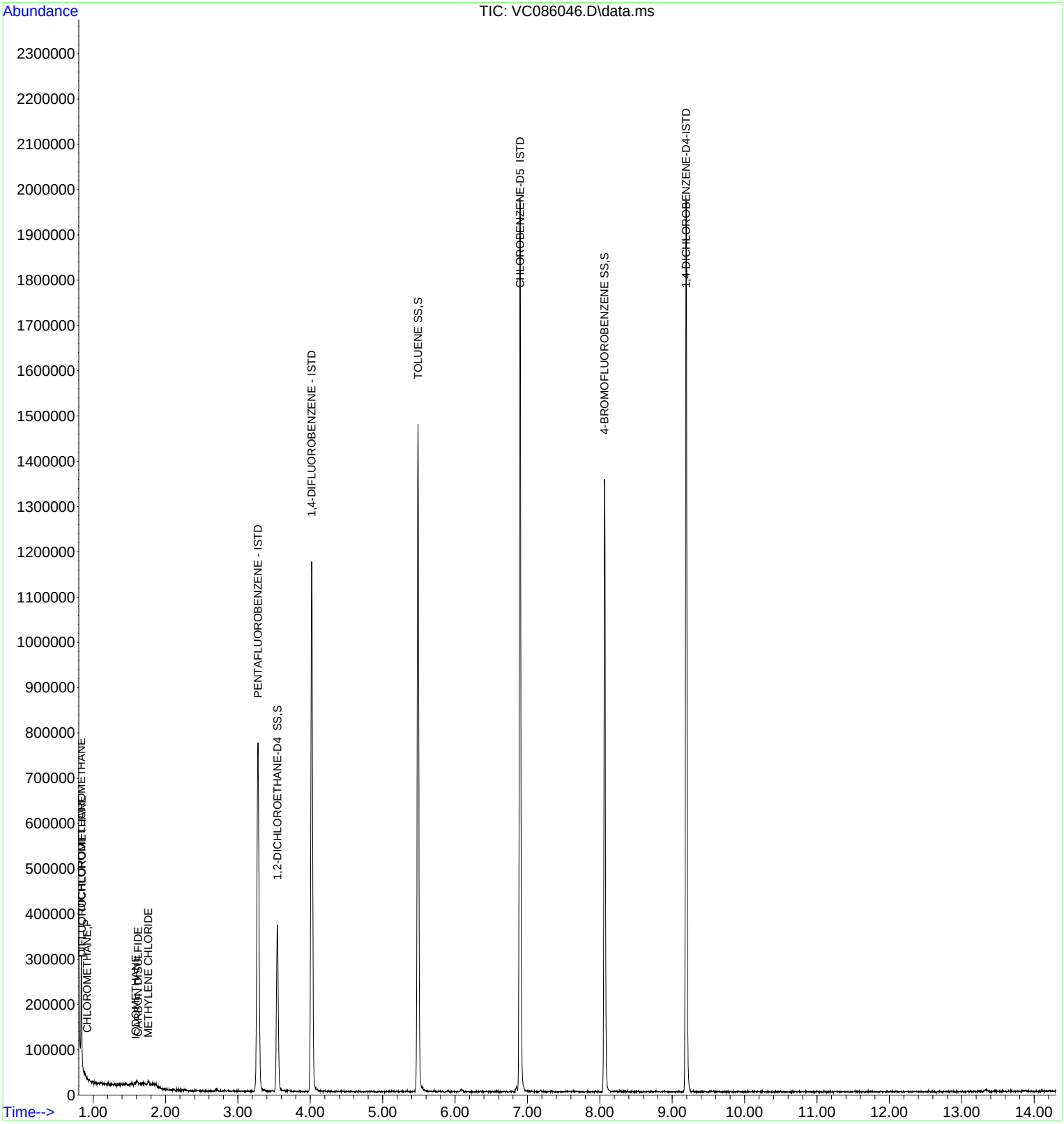
Quant Time: Mar 27 13:50:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

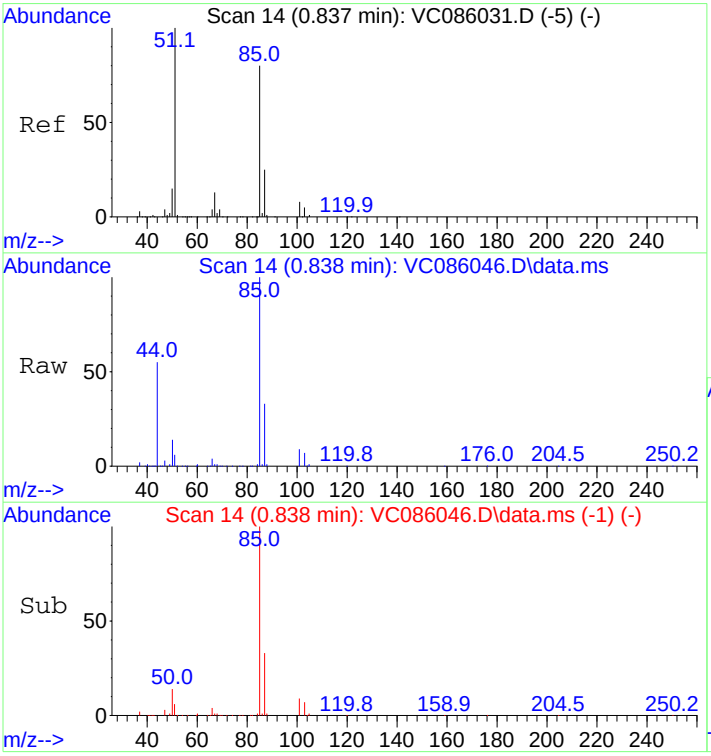
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	574875	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	920342	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	484305	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	456661	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	238591	26.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.44%				
49) TOLUENE SS	5.489	98	847086	25.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	385493	24.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	92705	13.56	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.843	51	8620	0.62	UG/L		96
5) CHLOROMETHANE	0.918	50	1032	0.15	UG/L	#	41
7) BROMOMETHANE	1.108	94	964	Below Cal			82
17) IODOMETHANE	1.590	142	5152m	0.45	UG/L		
23) METHYLENE CHLORIDE	1.763	49	2966m	0.25	UG/L		
24) CARBON DISULFIDE	1.618	76	1976	0.11	UG/L	#	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086046.D
Acq On : 27 Mar 2012 4:25 am
Operator :
Sample : 12C0620-02 Inst : GCMSVOA3
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 27 13:50:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

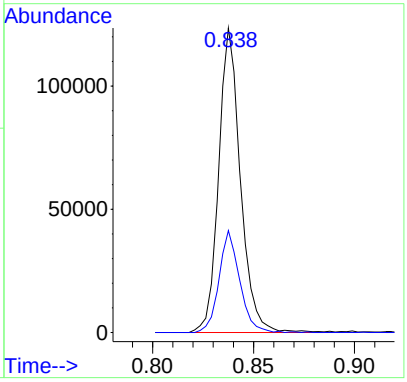


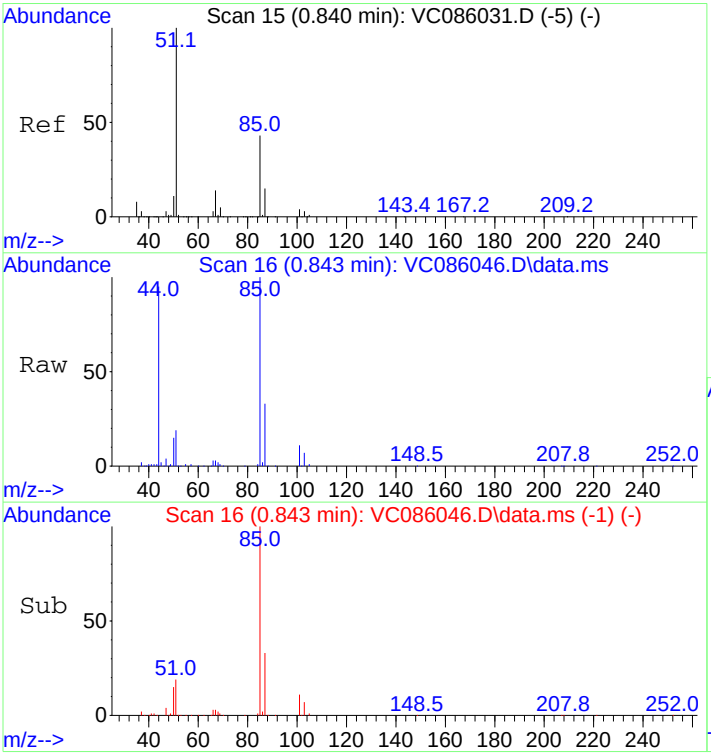


#3
DICHLORODIFLUOROMETHANE
Concen: 13.56 UG/L
RT: 0.838 min Scan# 14
Delta R.T. 0.001 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 85 Resp: 92705

Ion	Ratio	Lower	Upper
85	100		
87	31.7	26.2	39.2

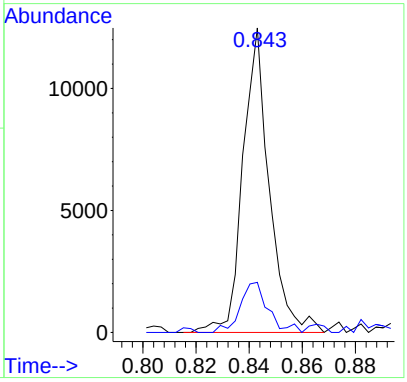


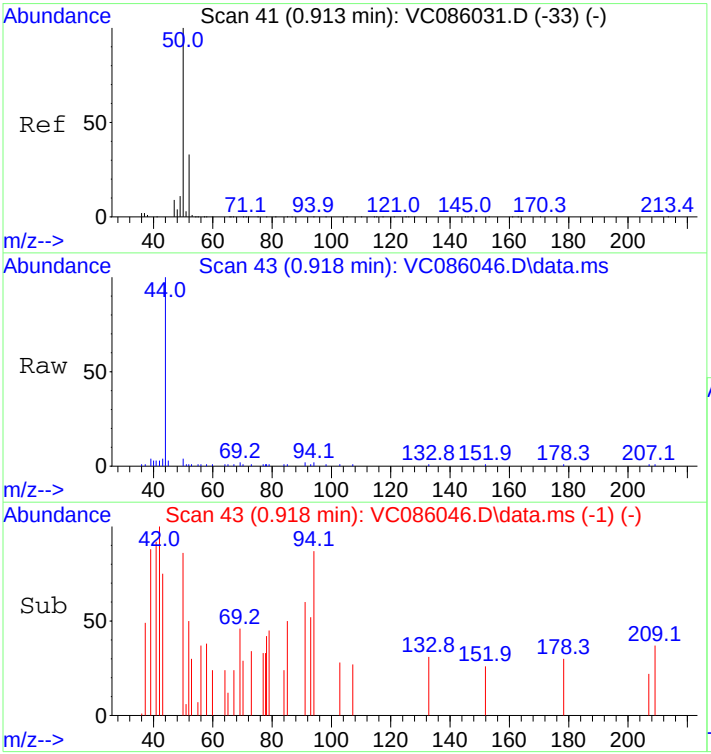


#4
DIFLUOROCHLOROMETHANE
Concen: 0.62 UG/L
RT: 0.843 min Scan# 16
Delta R.T. 0.003 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 51 Resp: 8620

Ion	Ratio	Lower	Upper
51	100		
67	16.6	12.1	18.1

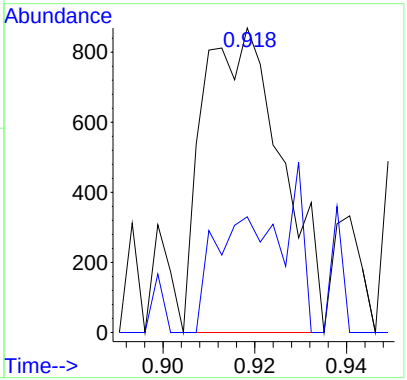


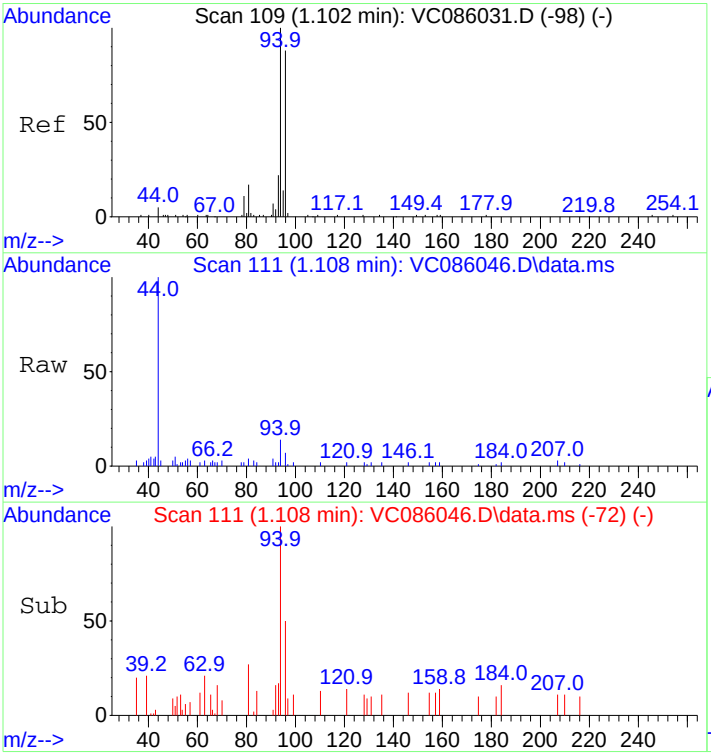


#5
CHLOROMETHANE
Concen: 0.15 UG/L
RT: 0.918 min Scan# 43
Delta R.T. 0.006 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 50 Resp: 1032

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

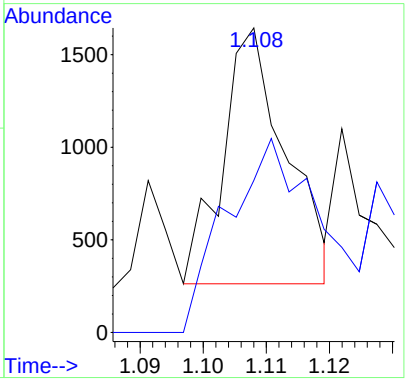


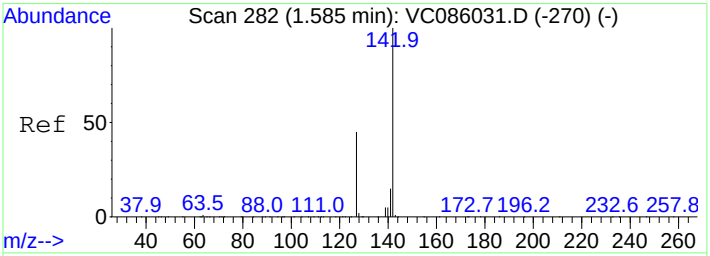


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 94 Resp: 964

Ion	Ratio	Lower	Upper
94	100		
96	112.2	76.2	114.2

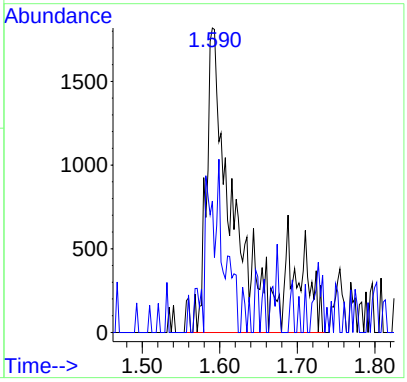


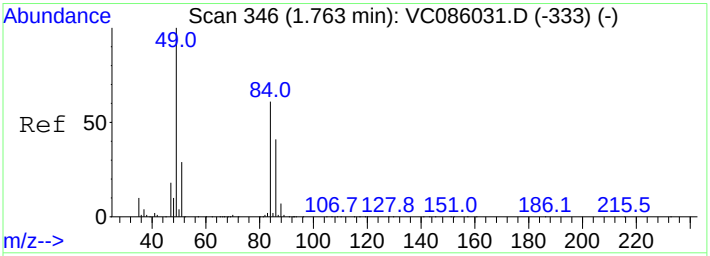


#17
IODOMETHANE
Concen: 0.45 UG/L m
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion:142 Resp: 5152

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#

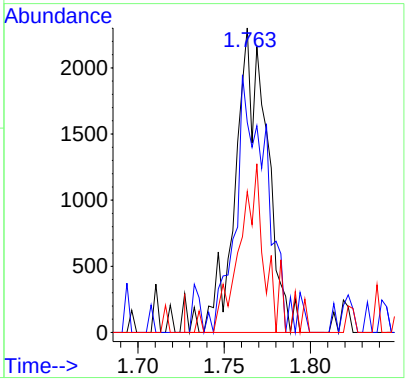


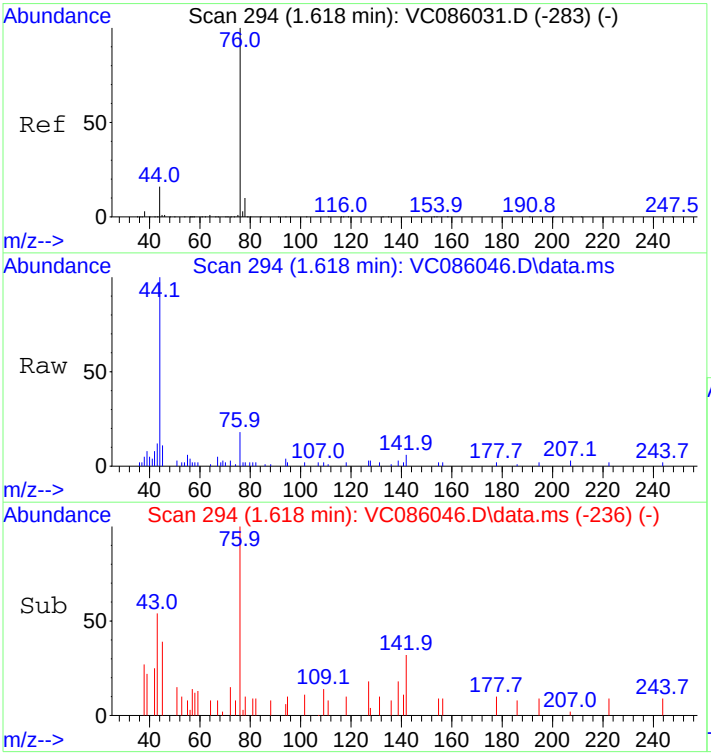


#23
METHYLENE CHLORIDE
Concen: 0.25 UG/L m
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 49 Resp: 2966

Ion	Ratio	Lower	Upper
49	100		
84	80.2	57.8	86.6
86	43.2	37.1	55.7

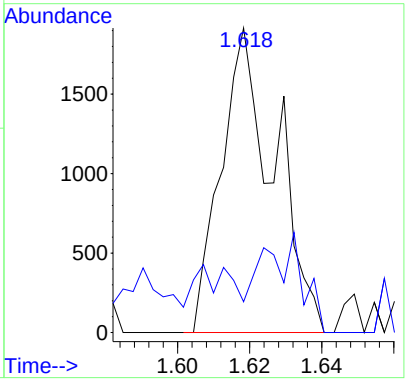




#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.618 min Scan# 294
Delta R.T. -0.003 min
Lab File: VC086046.D
Acq: 27 Mar 2012 4:25 am

Tgt Ion: 76 Resp: 1976

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0



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1 - FORM I
ANALYSIS DATA SHEET

MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03	File ID:	VC086047.D
Sampled:	03/20/12 10:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03	File ID:	VC086047.D
Sampled:	03/20/12 10:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	25	0.040	2.0	
75-34-3	1,1-Dichloroethane	1.8	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03	File ID:	VC086047.D
Sampled:	03/20/12 10:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.3	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03	File ID:	VC086047.D
Sampled:	03/20/12 10:45	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 04:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086047.D
Acq On : 27 Mar 2012 4:55 am
Operator :
Sample : 12C0620-03 Inst : GCMSVOA3
Misc :
ALS Vial : 44 Sample Multiplier: 1

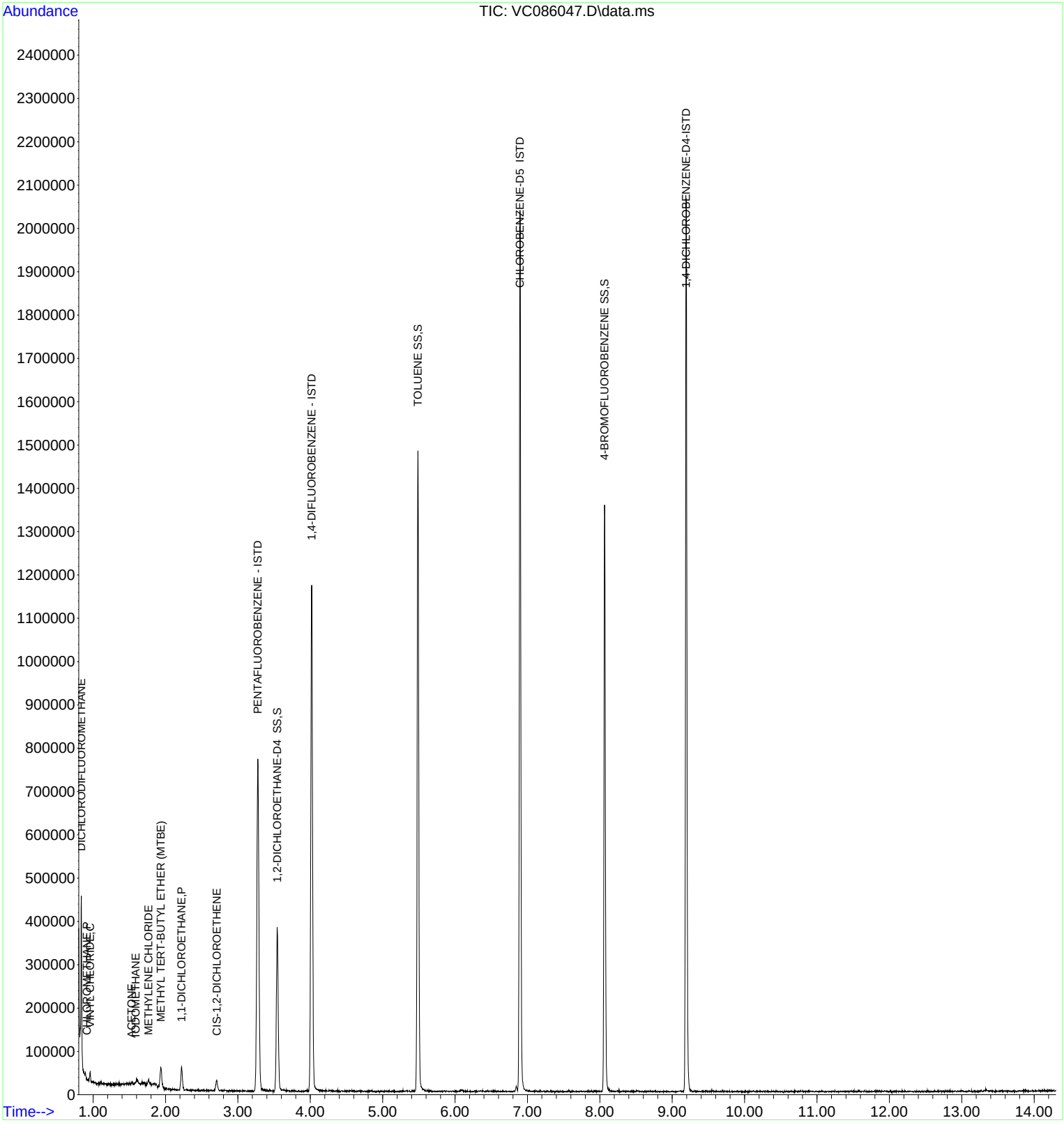
Quant Time: Mar 27 13:51:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

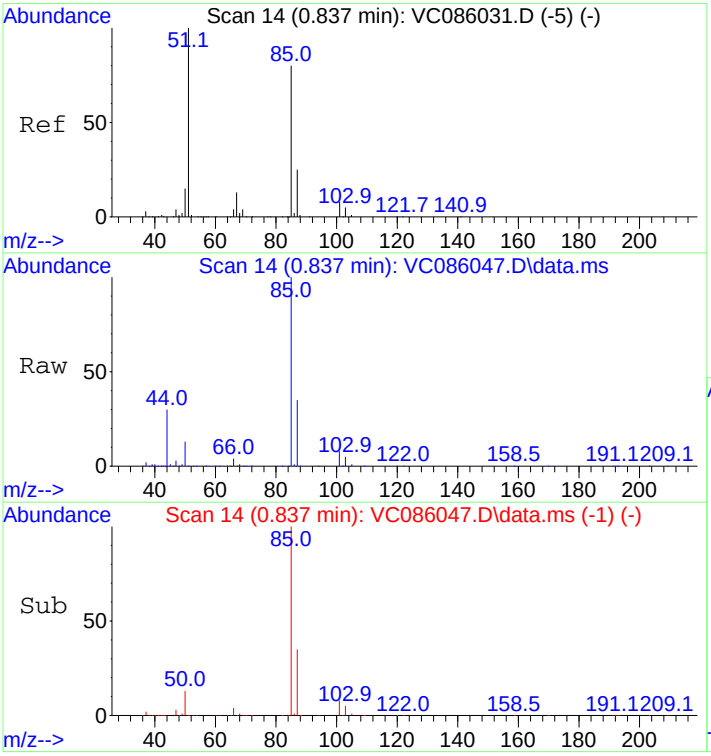
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	571258	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	912453	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482700	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	469445	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	237720	26.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.72%			
49) TOLUENE SS	5.486	98	840430	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	384304	24.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.00%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	161478	24.51	UG/L	99
5) CHLOROMETHANE	0.913	50	943	0.14	UG/L #	41
6) VINYL CHLORIDE	0.957	62	10837	1.28	UG/L	95
7) BROMOMETHANE	1.108	94	893	Below Cal		89
14) ACETONE	1.532	43	2957	1.51	UG/L	93
17) IODOMETHANE	1.590	142	3828m	0.33	UG/L	
23) METHYLENE CHLORIDE	1.766	49	4031	0.34	UG/L	87
25) METHYL TERT-BUTYL ETHE...	1.933	73	36168	1.26	UG/L	91
27) 1,1-DICHLOROETHANE	2.221	63	40817	1.78	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.709	61	9520	0.43	UG/L #	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086047.D
Acq On : 27 Mar 2012 4:55 am
Operator :
Sample : 12C0620-03 Inst : GCMSVOA3
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Mar 27 13:51:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

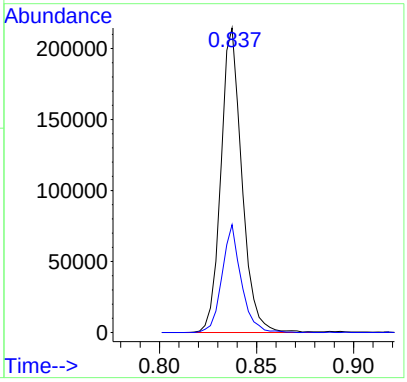


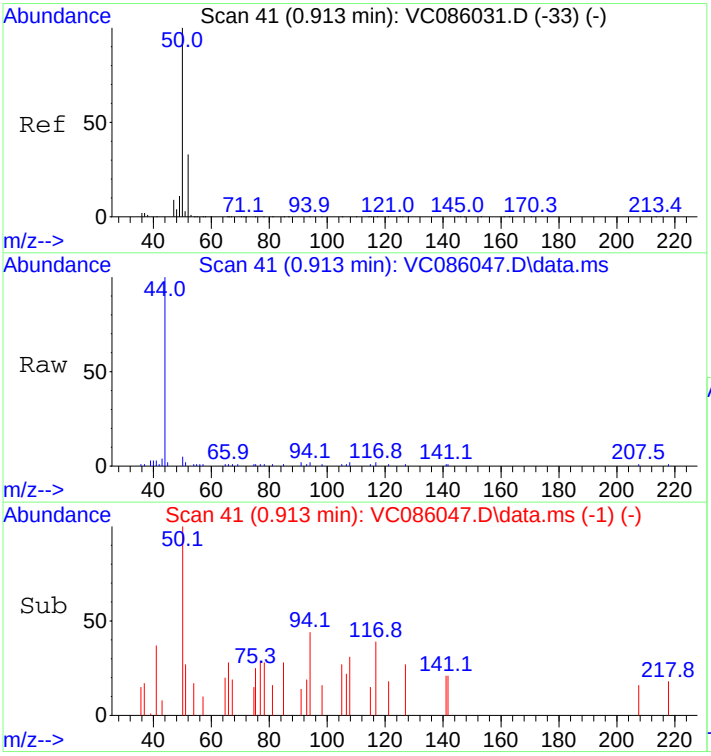


#3
DICHLORODIFLUOROMETHANE
Concen: 24.51 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 85 Resp: 161478

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.2	39.2

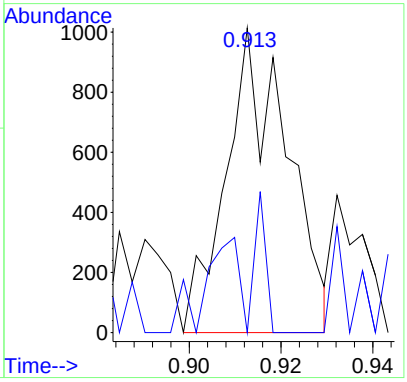


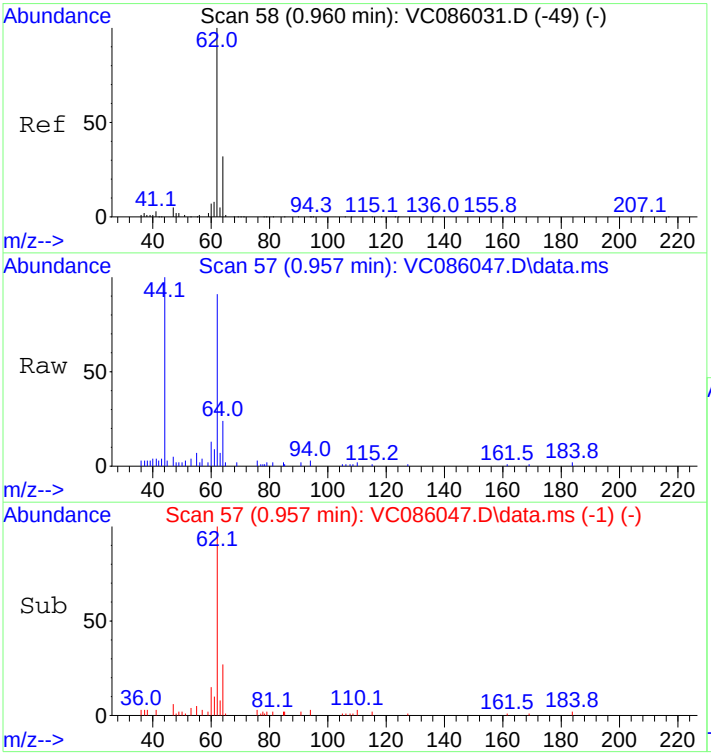


#5
CHLOROMETHANE
Concen: 0.14 UG/L
RT: 0.913 min Scan# 41
Delta R.T. 0.001 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 50 Resp: 943

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.6	39.8#

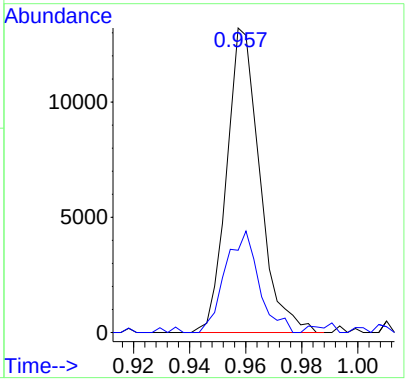


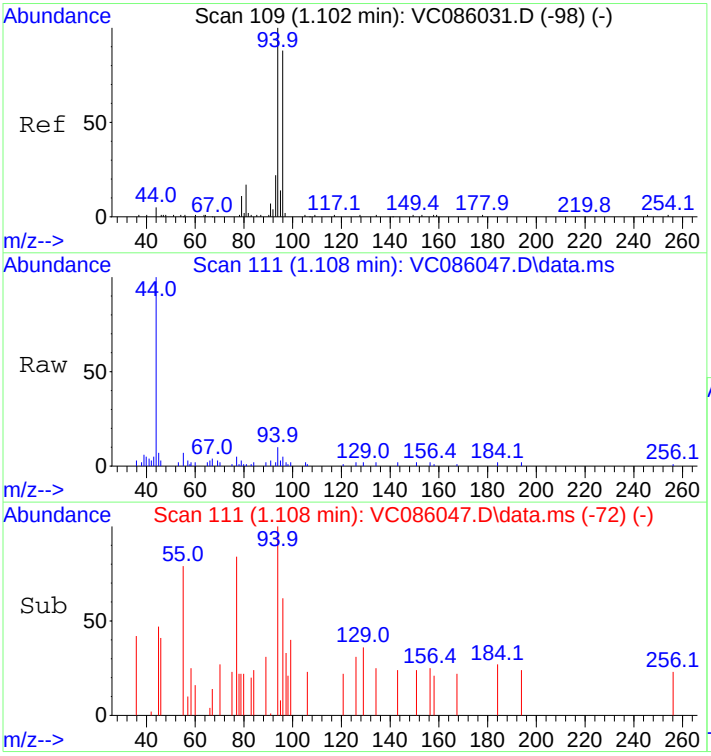


#6
VINYL CHLORIDE
Concen: 1.28 UG/L
RT: 0.957 min Scan# 57
Delta R.T. -0.003 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 62 Resp: 10837

Ion	Ratio	Lower	Upper
62	100		
64	33.8	24.8	37.2

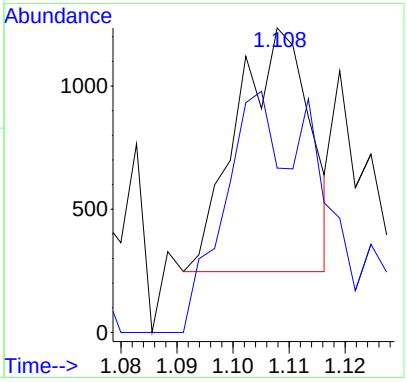


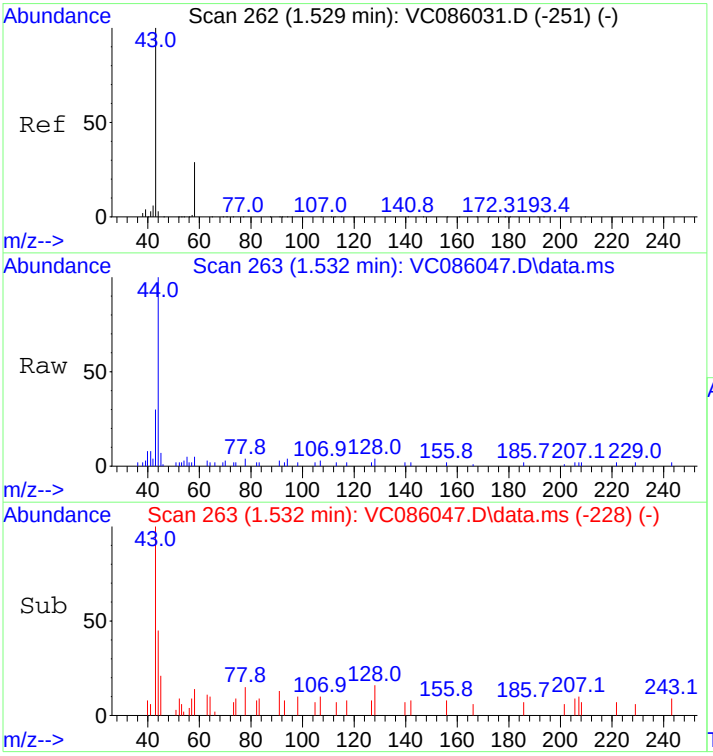


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 94 Resp: 893

Ion	Ratio	Lower	Upper
94	100		
96	84.1	76.2	114.2

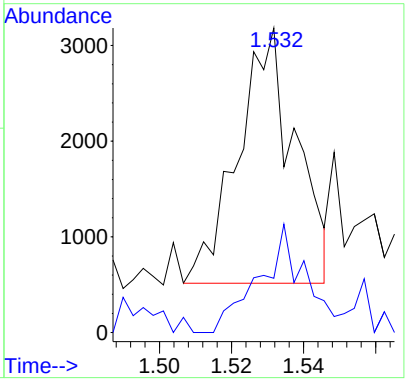


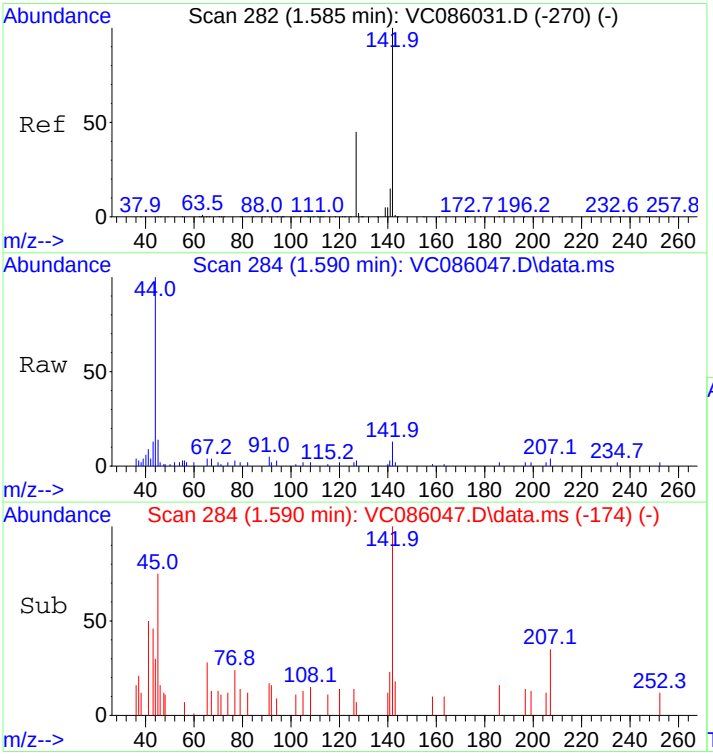


#14
ACETONE
Concen: 1.51 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 43 Resp: 2957

Ion	Ratio	Lower	Upper
43	100		
58	33.4	23.8	35.6

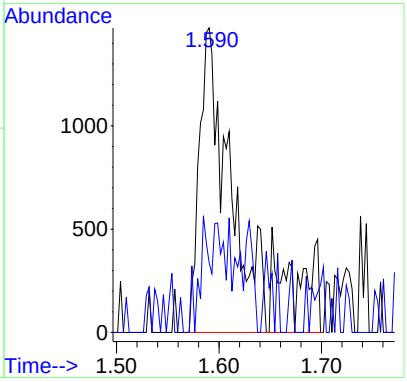


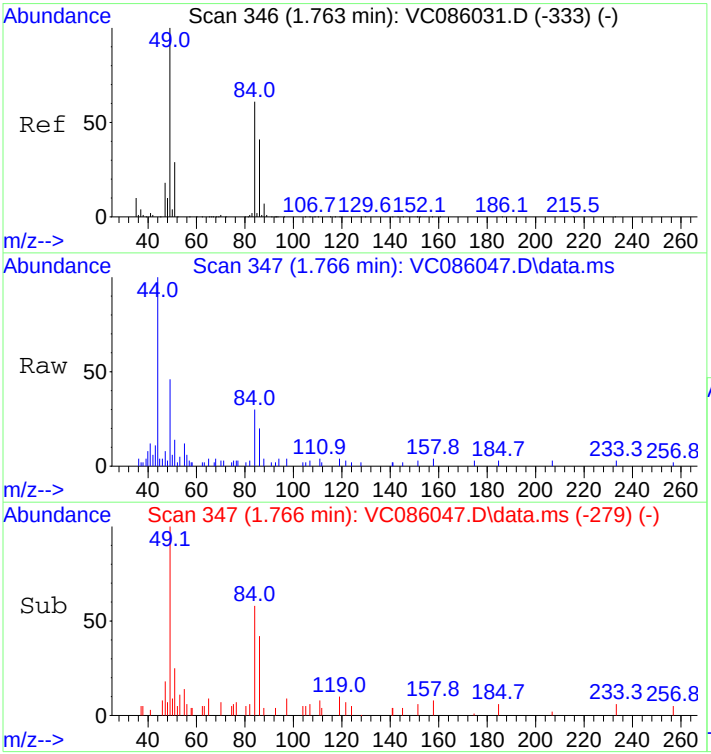


#17
IODOMETHANE
Concen: 0.33 UG/L m
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion:142 Resp: 3828

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#

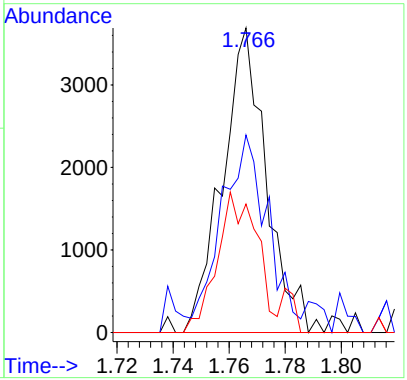


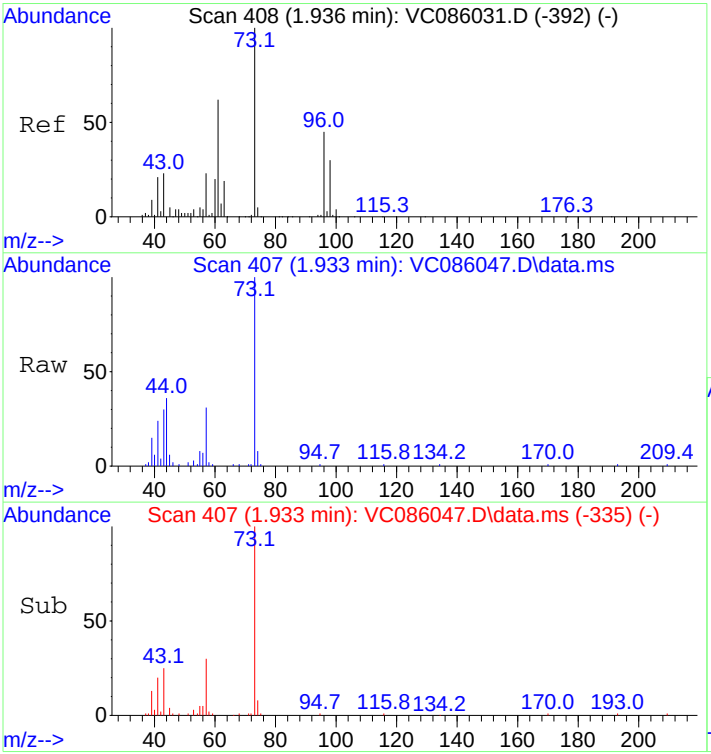


#23
METHYLENE CHLORIDE
Concen: 0.34 UG/L
RT: 1.766 min Scan# 347
Delta R.T. -0.000 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 49 Resp: 4031

Ion	Ratio	Lower	Upper
49	100		
84	58.4	57.8	86.6
86	42.0	37.1	55.7

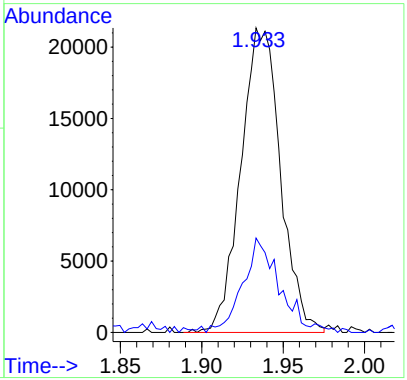


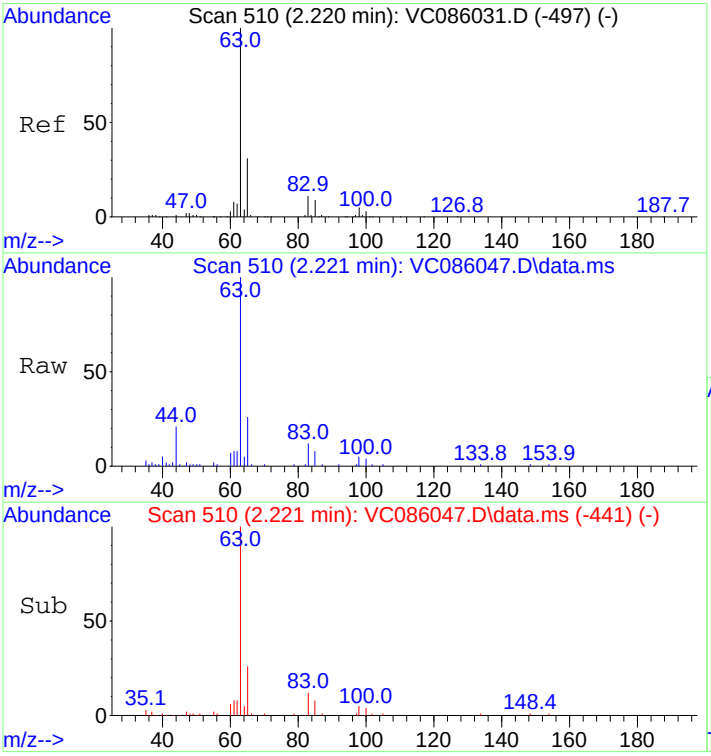


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.26 UG/L
RT: 1.933 min Scan# 407
Delta R.T. -0.000 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 73 Resp: 36168

Ion	Ratio	Lower	Upper
73	100		
57	27.8	18.9	28.3

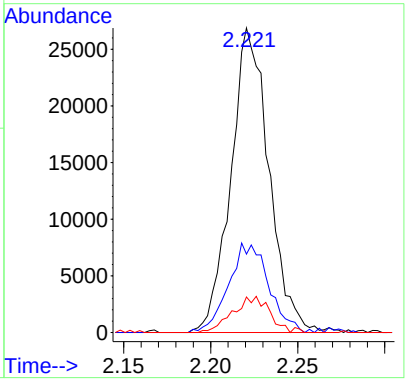


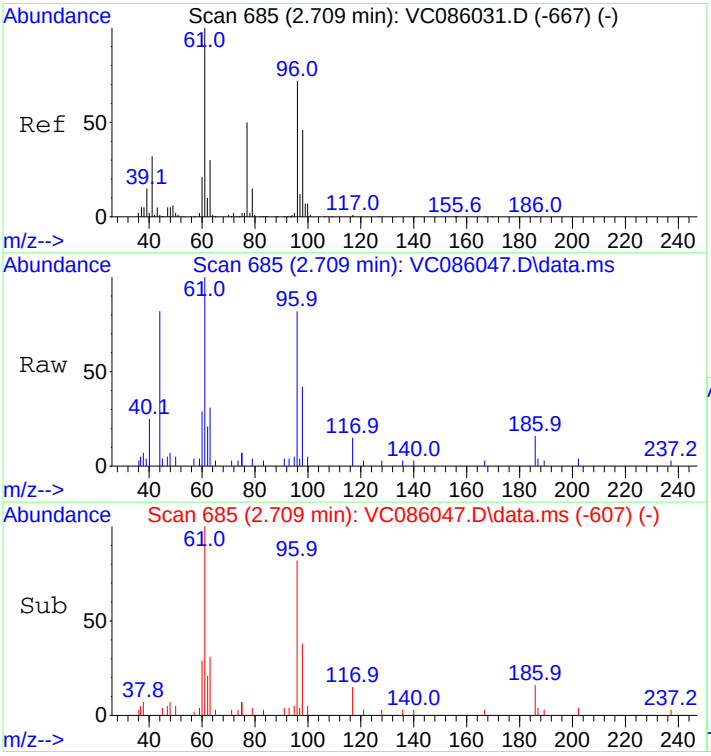


#27
1,1-DICHLOROETHANE
Concen: 1.78 UG/L
RT: 2.221 min Scan# 510
Delta R.T. -0.003 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 63 Resp: 40817

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.7	37.1
83	11.2	10.4	15.6

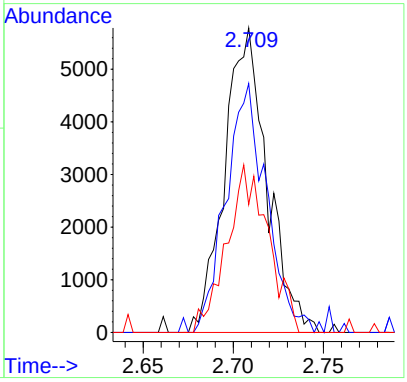




#33
CIS-1,2-DICHLOROETHENE
Concen: 0.43 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC086047.D
Acq: 27 Mar 2012 4:55 am

Tgt Ion: 61 Resp: 9520

Ion	Ratio	Lower	Upper
61	100		
96	78.0	54.4	81.6
98	53.3	35.1	52.7#



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1 - FORM I
ANALYSIS DATA SHEET

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04	File ID:	VC086048.D
Sampled:	03/20/12 12:00	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04	File ID:	VC086048.D
Sampled:	03/20/12 12:00	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04	File ID:	VC086048.D
Sampled:	03/20/12 12:00	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04	File ID:	VC086048.D
Sampled:	03/20/12 12:00	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:25
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086048.D
Acq On : 27 Mar 2012 5:25 am
Operator :
Sample : 12C0620-04 Inst : GCMSVOA3
Misc :
ALS Vial : 45 Sample Multiplier: 1

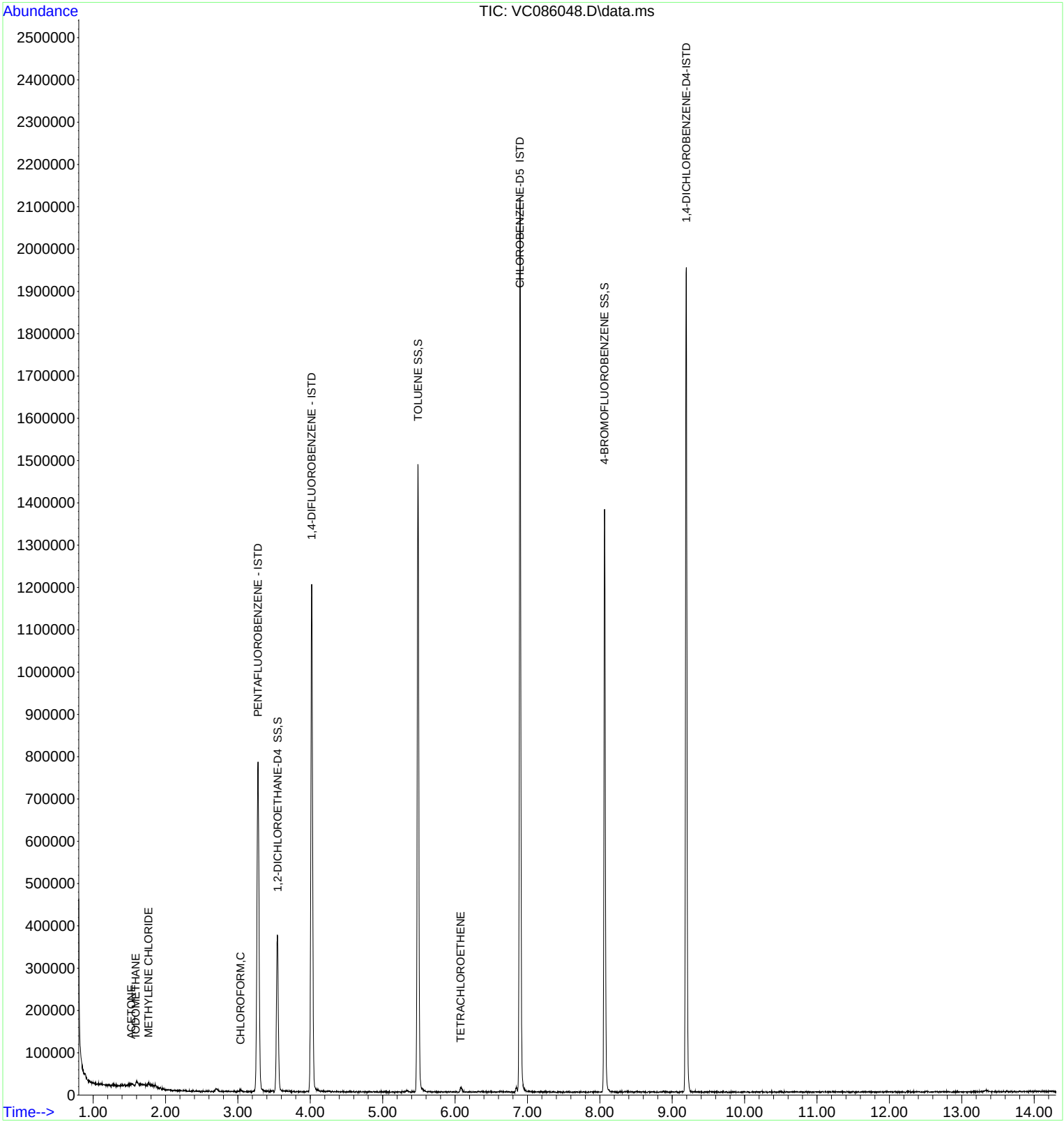
Quant Time: Mar 27 13:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

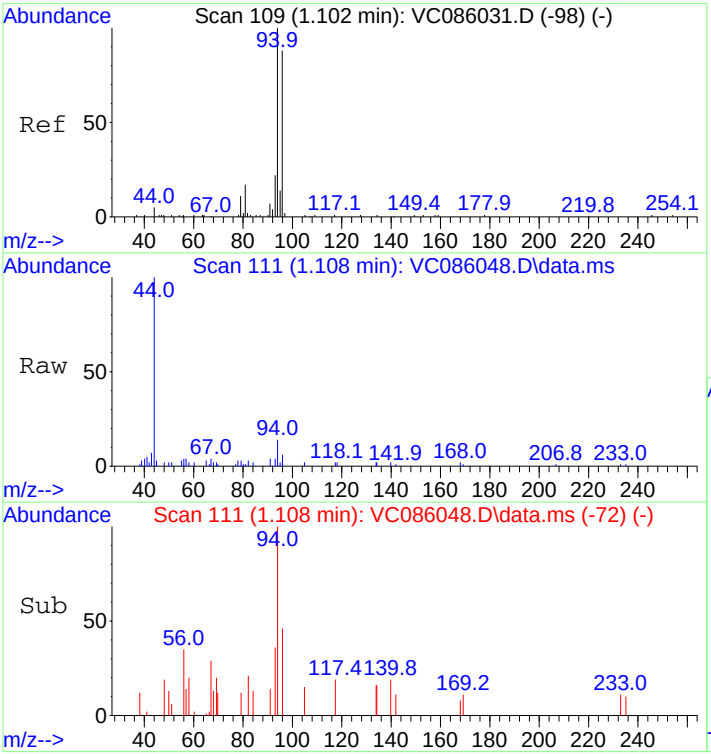
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	576615	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	932587	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	492198	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	452115	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.548	65	241777	26.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.48%				
49) TOLUENE SS	5.489	98	852555	24.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.68%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	393018	24.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.28%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.108	94	1317	Below Cal		#	49
14) ACETONE	1.526	43	3548	1.79	UG/L	#	75
17) IODOMETHANE	1.590	142	3985m	0.34	UG/L		
23) METHYLENE CHLORIDE	1.766	49	3449	0.29	UG/L	#	82
40) CHLOROFORM	3.035	83	3100	0.14	UG/L		84
66) TETRACHLOROETHENE	6.077	166	2377	0.16	UG/L	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086048.D
Acq On : 27 Mar 2012 5:25 am
Operator :
Sample : 12C0620-04 Inst : GCMSVOA3
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Mar 27 13:53:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

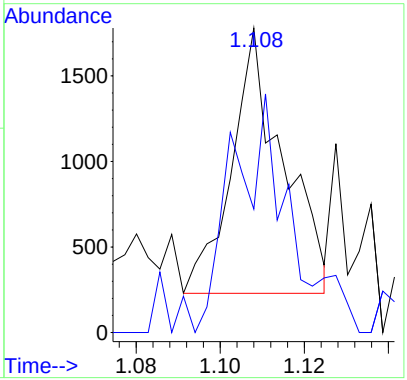


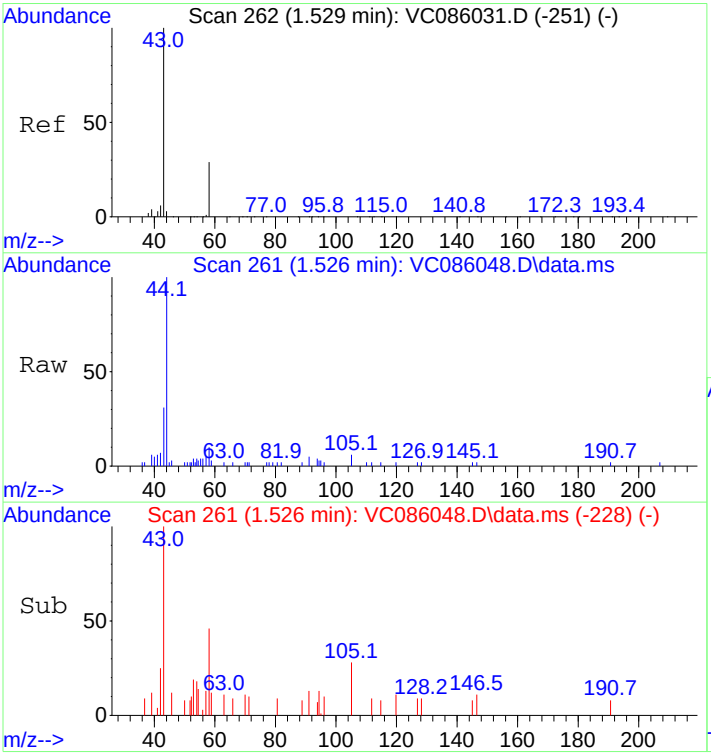


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion: 94 Resp: 1317

Ion	Ratio	Lower	Upper
94	100		
96	45.3	76.2	114.2#

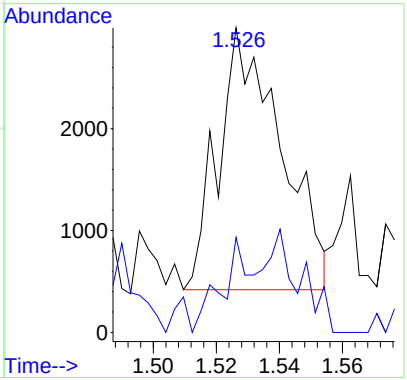


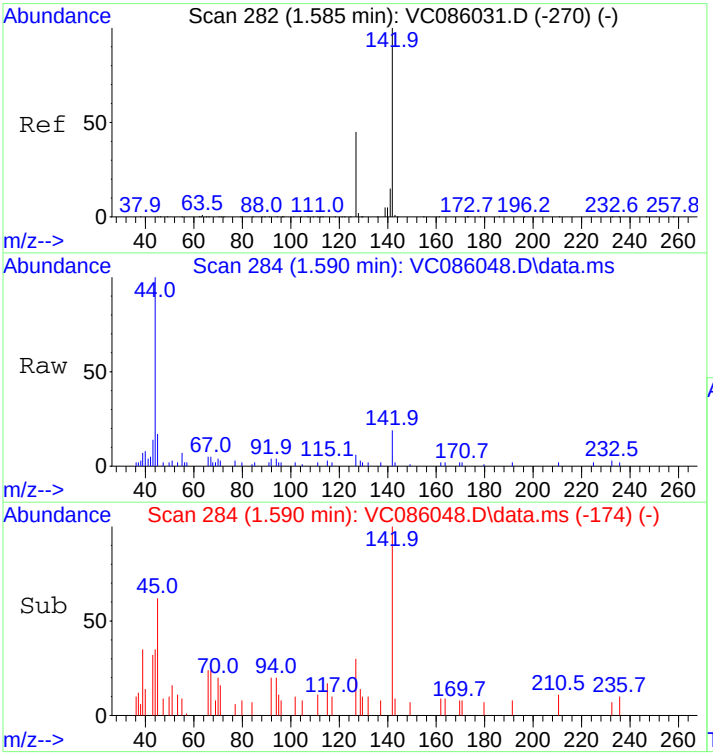


#14
ACETONE
Concen: 1.79 UG/L
RT: 1.526 min Scan# 261
Delta R.T. -0.003 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion: 43 Resp: 3548

Ion	Ratio	Lower	Upper
43	100		
58	16.3	23.8	35.6#

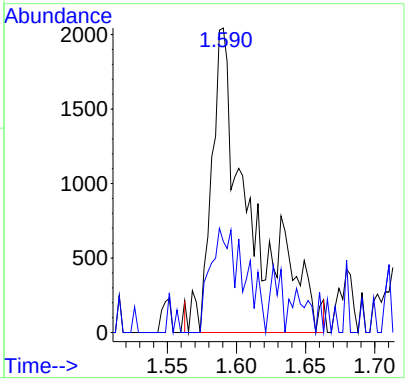


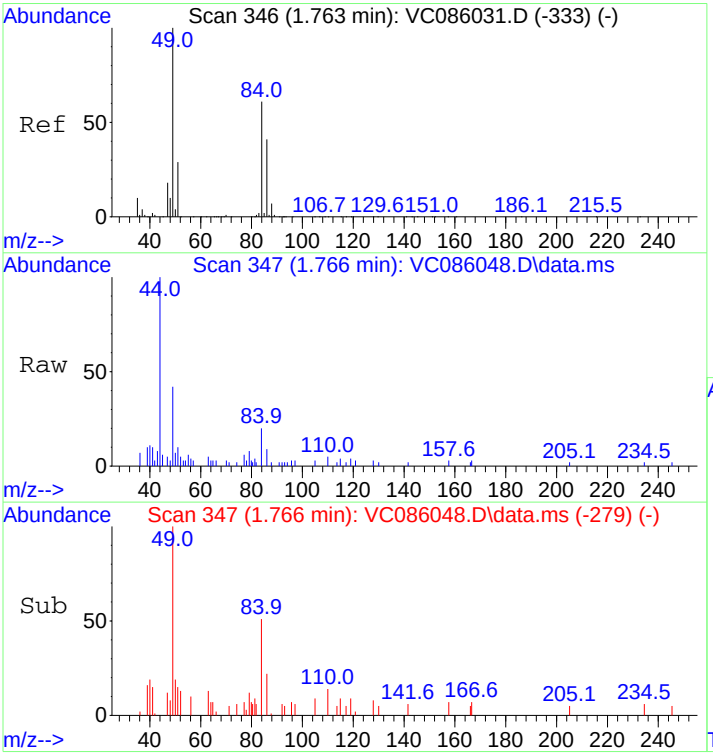


#17
IODOMETHANE
Concen: 0.34 UG/L m
RT: 1.590 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion:142 Resp: 3985

Ion	Ratio	Lower	Upper
142	100		
127	24.5	36.8	55.2#

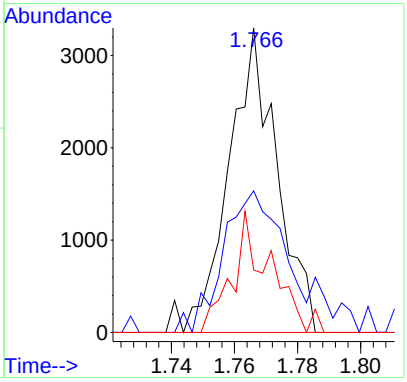


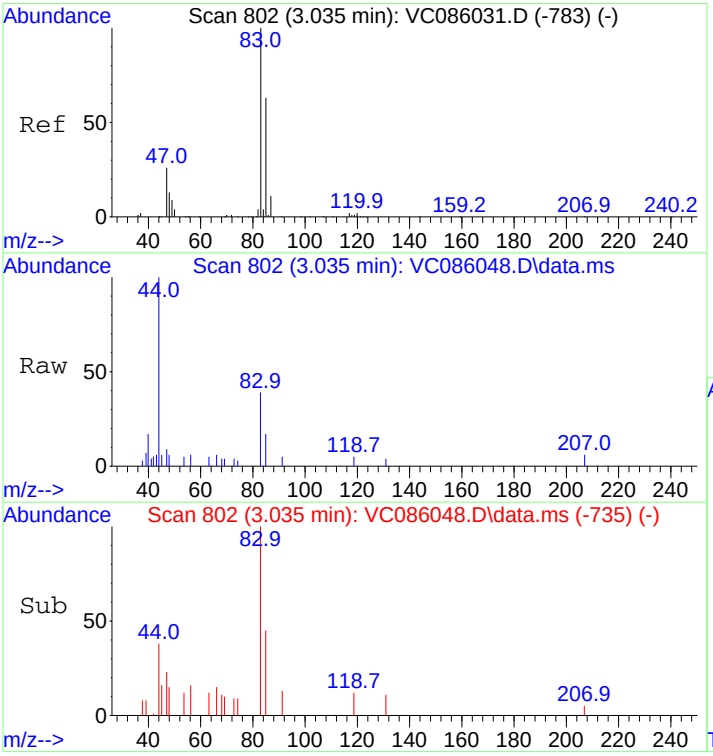


#23
METHYLENE CHLORIDE
Concen: 0.29 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion: 49 Resp: 3449

Ion	Ratio	Lower	Upper
49	100		
84	59.1	57.8	86.6
86	32.1	37.1	55.7#

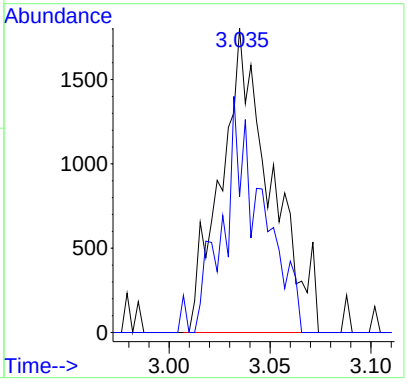


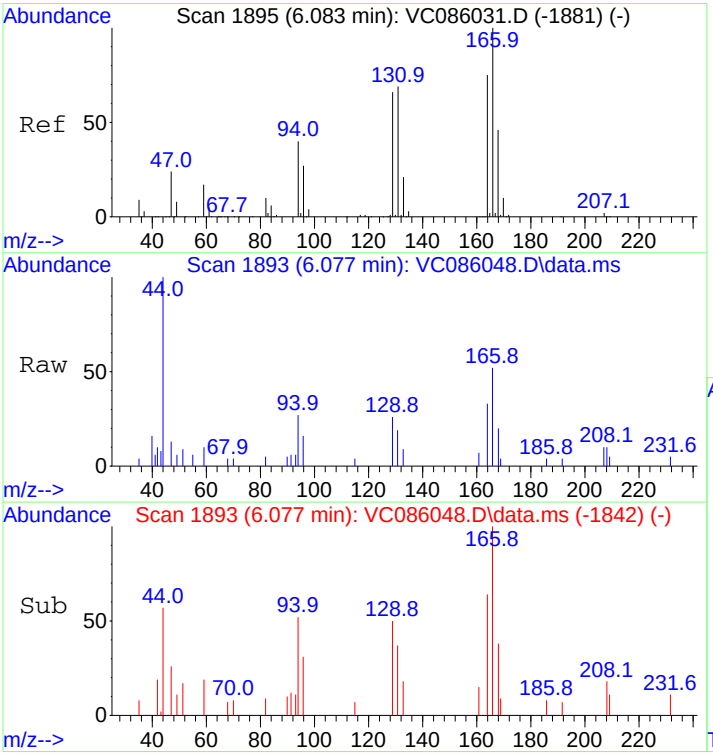


#40
CHLOROFORM
Concen: 0.14 UG/L
RT: 3.035 min Scan# 802
Delta R.T. -0.003 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion: 83 Resp: 3100

Ion	Ratio	Lower	Upper
83	100		
85	51.8	51.8	77.6

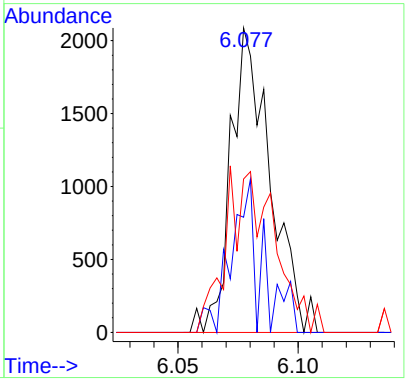




#66
TETRACHLOROETHENE
Concen: 0.16 UG/L
RT: 6.077 min Scan# 1893
Delta R.T. -0.003 min
Lab File: VC086048.D
Acq: 27 Mar 2012 5:25 am

Tgt Ion:166 Resp: 2377

Ion	Ratio	Lower	Upper
166	100		
168	36.8	38.0	57.0#
129	65.8	55.4	83.2



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1 - FORM I
ANALYSIS DATA SHEET

MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05	File ID:	VC086049.D
Sampled:	03/20/12 14:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05	File ID:	VC086049.D
Sampled:	03/20/12 14:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	20	0.040	2.0	
75-34-3	1,1-Dichloroethane	1.0	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	7.7	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05	File ID:	VC086049.D
Sampled:	03/20/12 14:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	30	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	6.8	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05	File ID:	VC086049.D
Sampled:	03/20/12 14:22	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 05:55
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086049.D
Acq On : 27 Mar 2012 5:55 am
Operator :
Sample : 12C0620-05 Inst : GCMSVOA3
Misc :
ALS Vial : 46 Sample Multiplier: 1

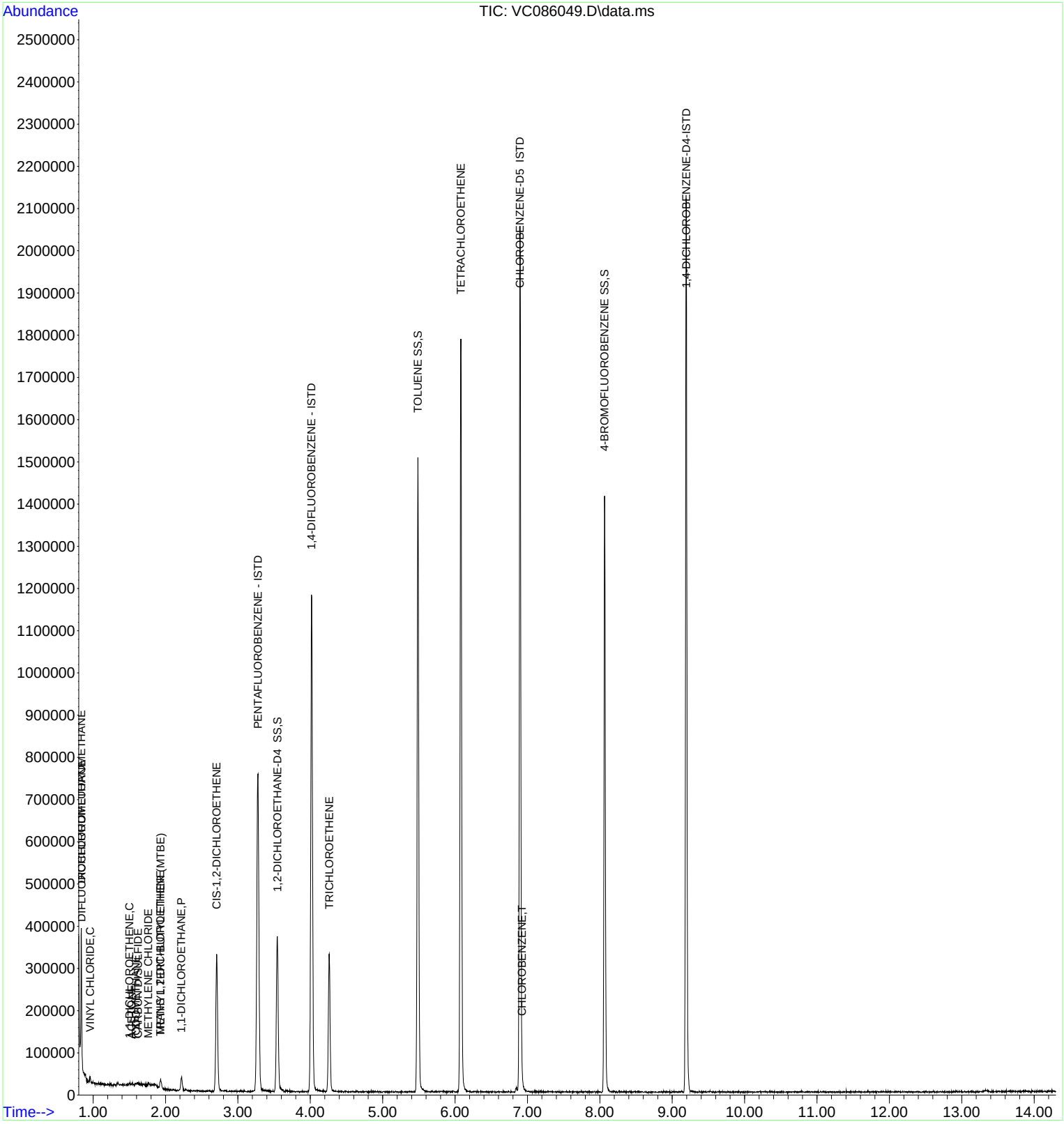
Quant Time: Mar 27 13:56:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

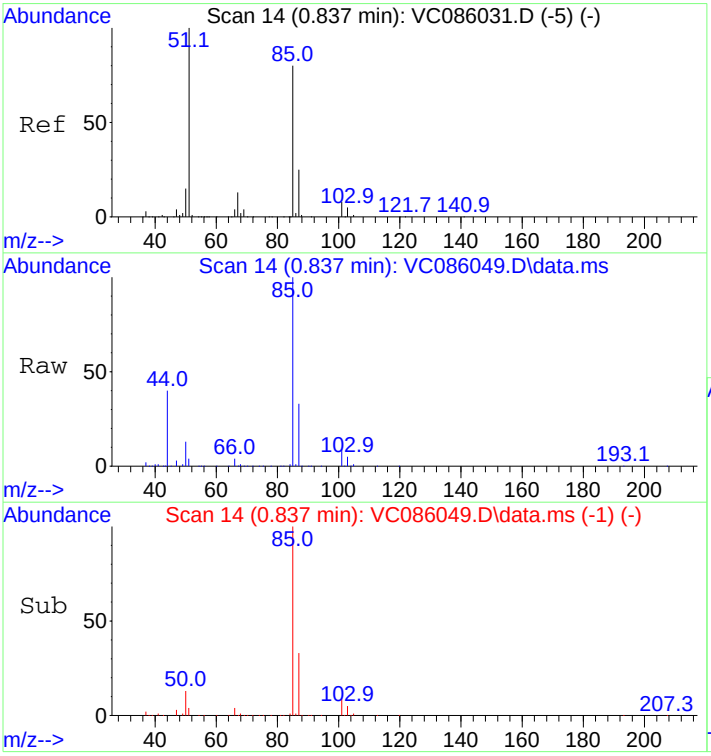
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	573312	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	915795	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	484397	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	475892	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	236759	25.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%				
49) TOLUENE SS	5.486	98	837884	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	390113	24.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	132836	19.91	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.840	51	6549	0.47	UG/L		95
6) VINYL CHLORIDE	0.957	62	6029	0.71	UG/L	#	89
7) BROMOMETHANE	1.102	94	648	Below Cal		#	78
14) ACETONE	1.529	43	2955	1.50	UG/L	#	78
15) 1,1-DICHLOROETHENE	1.501	61	1508	0.13	UG/L	#	80
17) IODOMETHANE	1.593	142	2522m	0.22	UG/L		
23) METHYLENE CHLORIDE	1.763	49	1728	0.14	UG/L	#	87
24) CARBON DISULFIDE	1.621	76	2231	0.12	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.931	73	9982	0.35	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.928	61	3315	0.18	UG/L	#	83
27) 1,1-DICHLOROETHANE	2.218	63	23754	1.03	UG/L	#	80
33) CIS-1,2-DICHLOROETHENE	2.706	61	172904	7.73	UG/L		95
51) TRICHLOROETHENE	4.262	95	94699	6.78	UG/L		98
66) TETRACHLOROETHENE	6.080	166	455988	30.40	UG/L		99
72) CHLOROBENZENE	6.925	112	5416	0.14	UG/L	#	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086049.D
Acq On : 27 Mar 2012 5:55 am
Operator :
Sample : 12C0620-05 Inst : GCMSVOA3
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 27 13:56:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

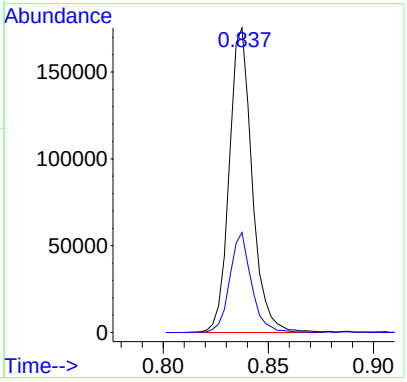


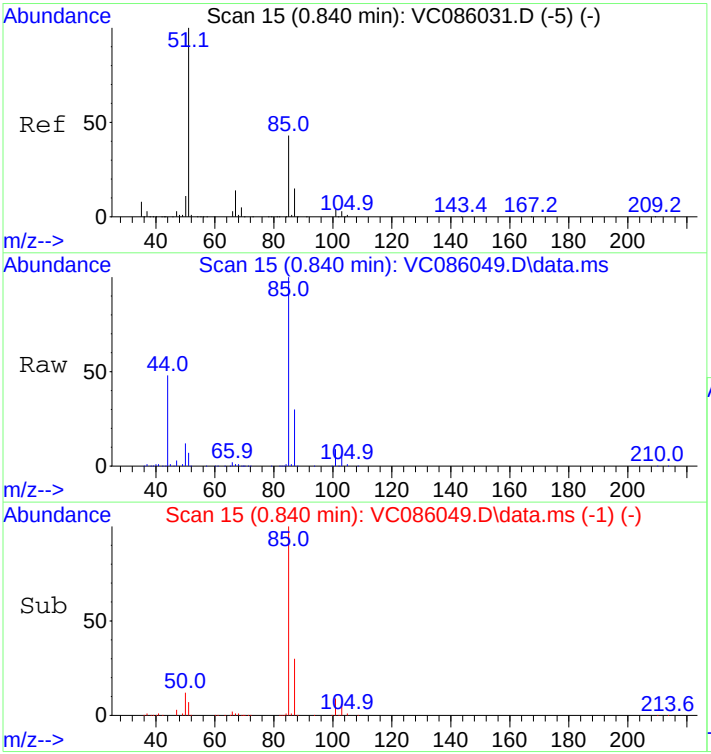


#3
DICHLORODIFLUOROMETHANE
Concen: 19.91 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 85 Resp: 132836

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.2	39.2

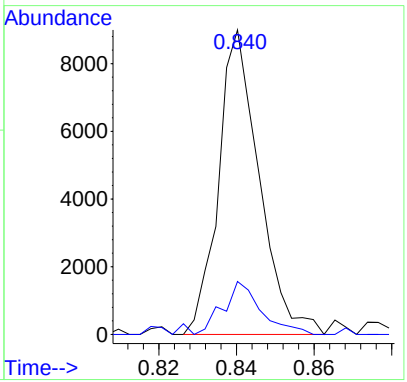


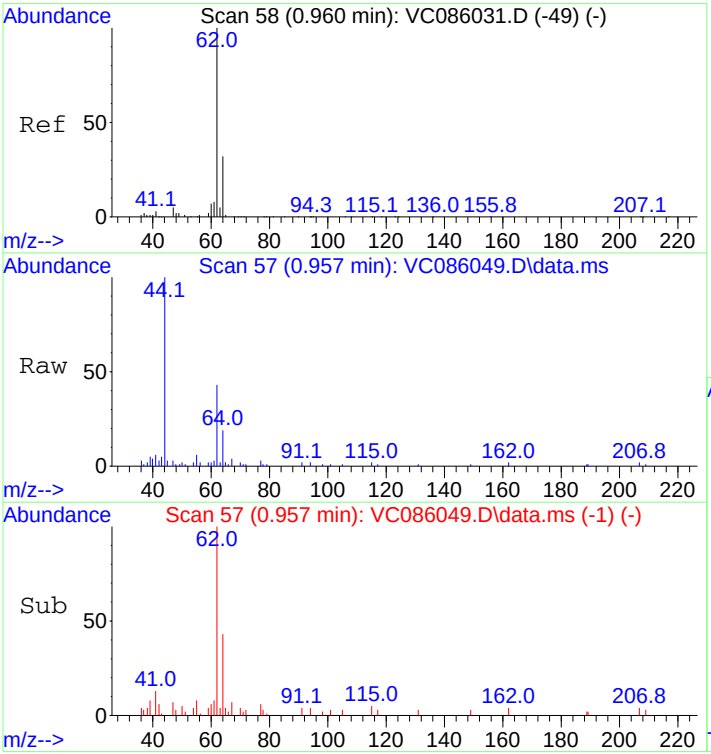


#4
DIFLUOROCHLOROMETHANE
Concen: 0.47 UG/L
RT: 0.840 min Scan# 15
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 51 Resp: 6549

Ion	Ratio	Lower	Upper
51	100		
67	17.0	12.1	18.1

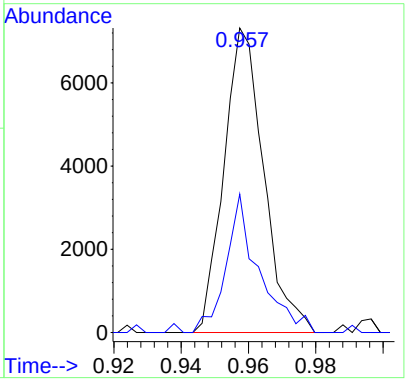


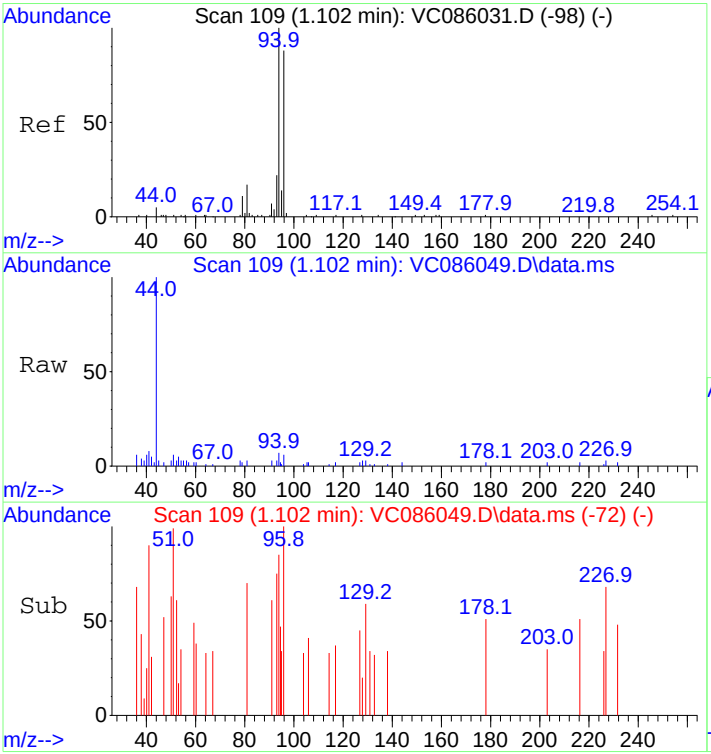


#6
VINYL CHLORIDE
Concen: 0.71 UG/L
RT: 0.957 min Scan# 57
Delta R.T. -0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 62 Resp: 6029

Ion	Ratio	Lower	Upper
62	100		
64	37.3	24.8	37.2#

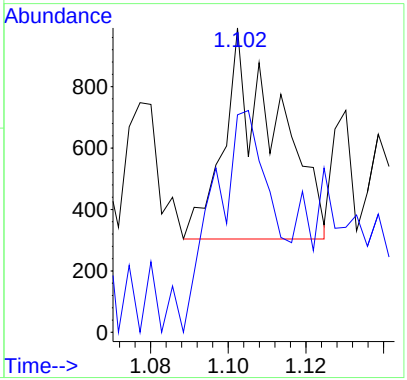


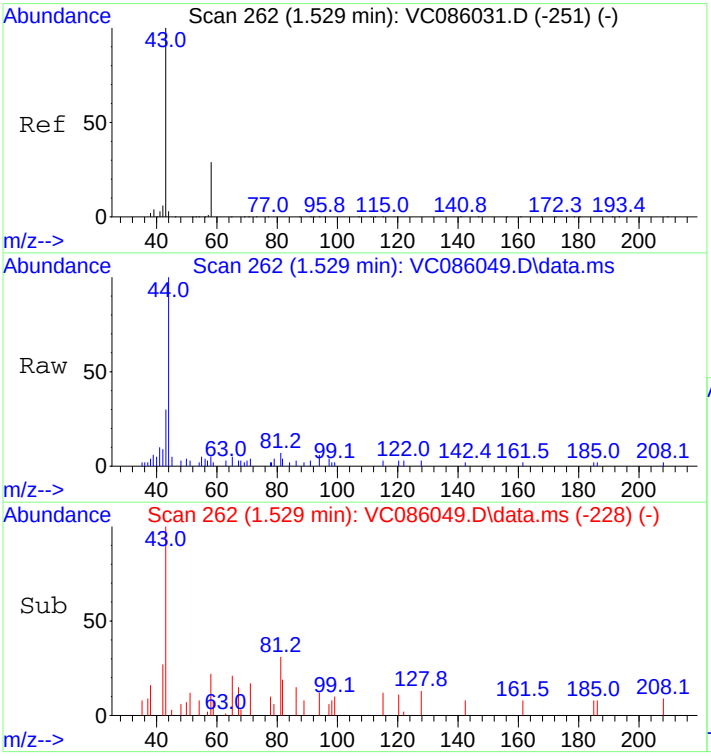


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 94 Resp: 648

Ion	Ratio	Lower	Upper
94	100		
96	116.8	76.2	114.2#

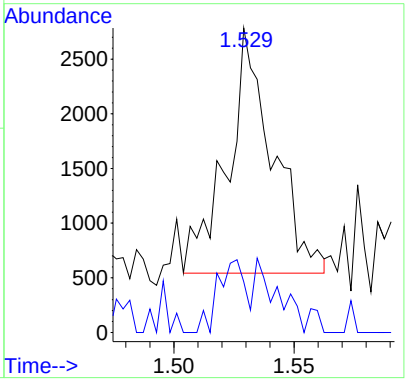


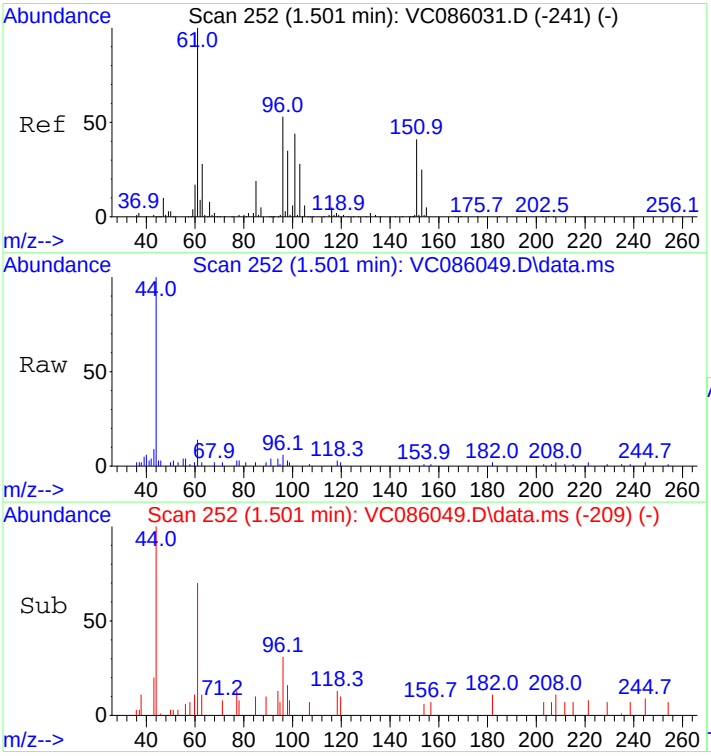


#14
ACETONE
Concen: 1.50 UG/L
RT: 1.529 min Scan# 262
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 43 Resp: 2955

Ion	Ratio	Lower	Upper
43	100		
58	17.7	23.8	35.6#

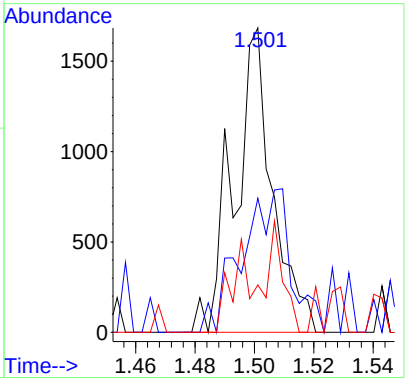


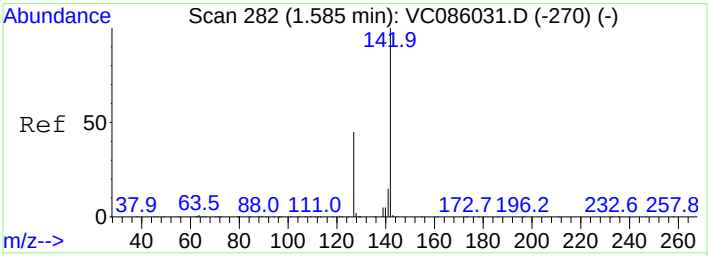


#15
1,1-DICHLOROETHENE
Concen: 0.13 UG/L
RT: 1.501 min Scan# 252
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 61 Resp: 1508

Ion	Ratio	Lower	Upper
61	100		
96	61.0	48.2	72.4
63	0.0	25.5	38.3#

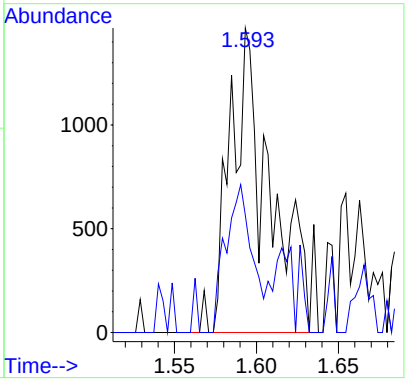


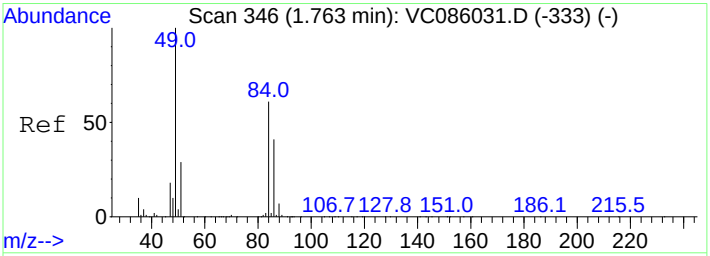


#17
IODOMETHANE
Concen: 0.22 UG/L m
RT: 1.593 min Scan# 285
Delta R.T. 0.009 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion:142 Resp: 2522

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#

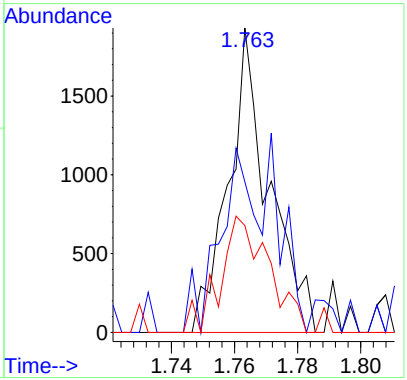


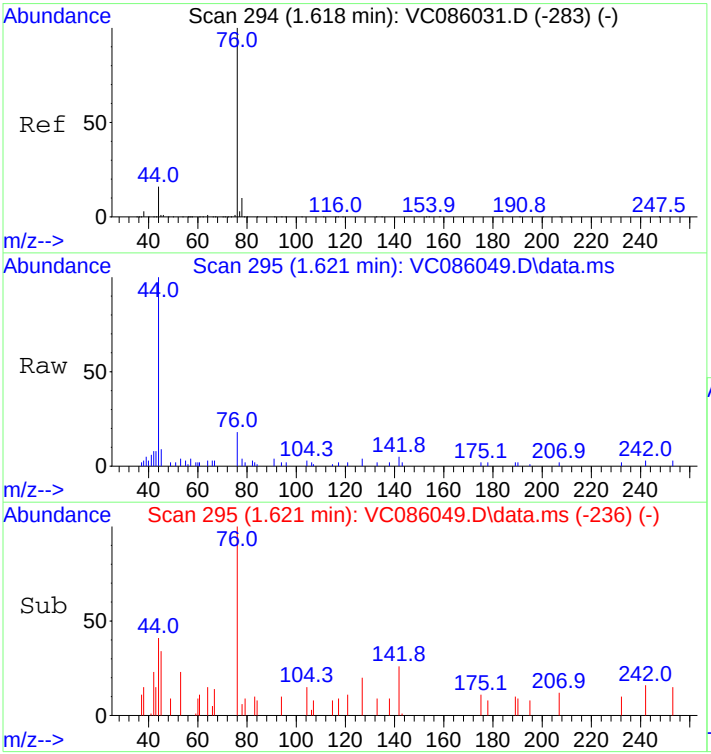


#23
METHYLENE CHLORIDE
Concen: 0.14 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 49 Resp: 1728

Ion	Ratio	Lower	Upper
49	100		
84	54.9	57.8	86.6#
86	45.7	37.1	55.7

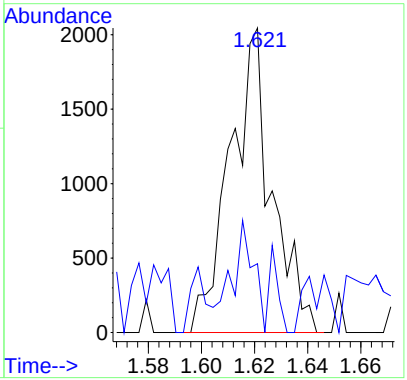


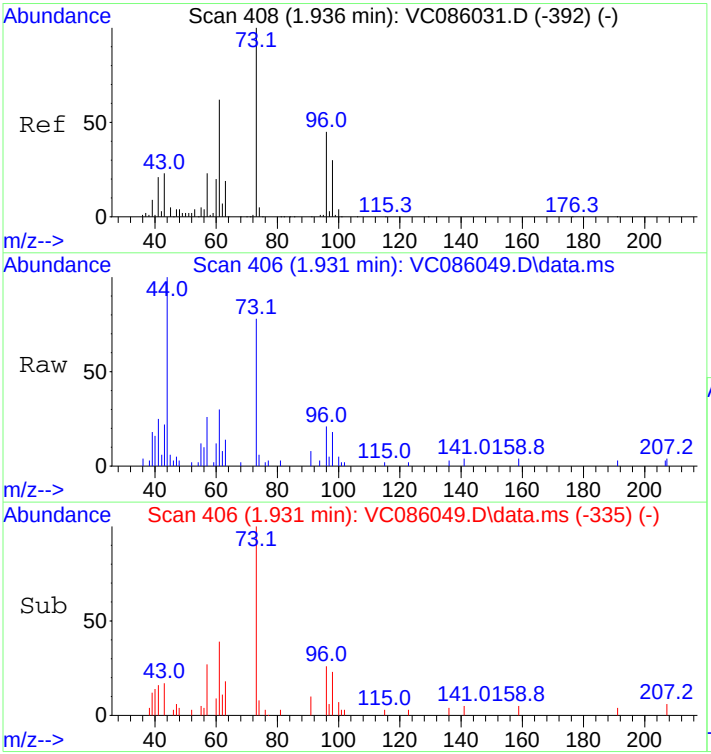


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 76 Resp: 2231

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

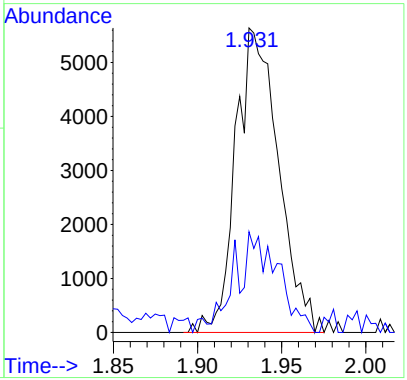


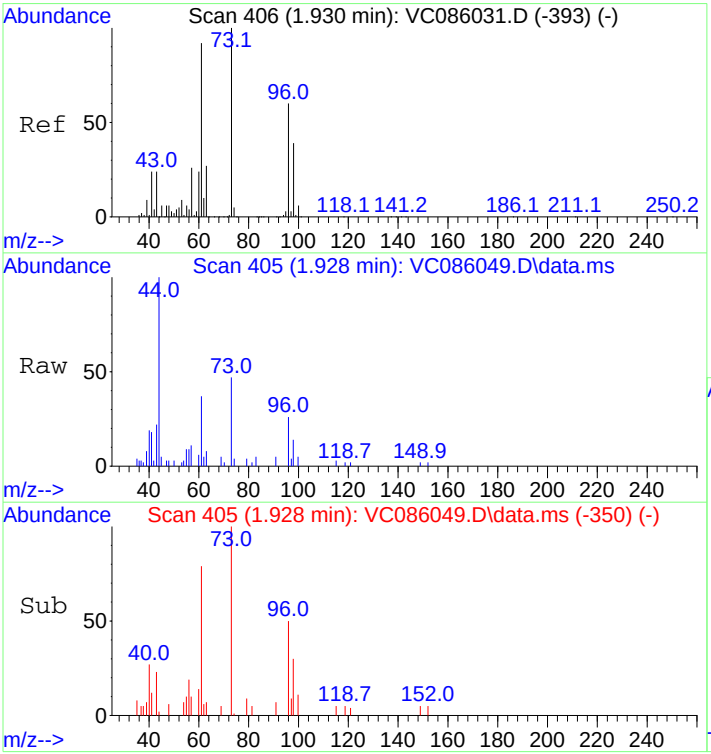


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.35 UG/L
RT: 1.931 min Scan# 406
Delta R.T. -0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 73 Resp: 9982

Ion	Ratio	Lower	Upper
73	100		
57	24.6	18.9	28.3

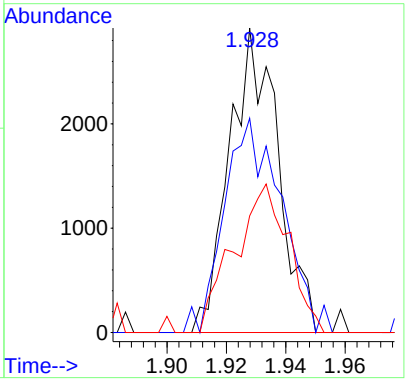


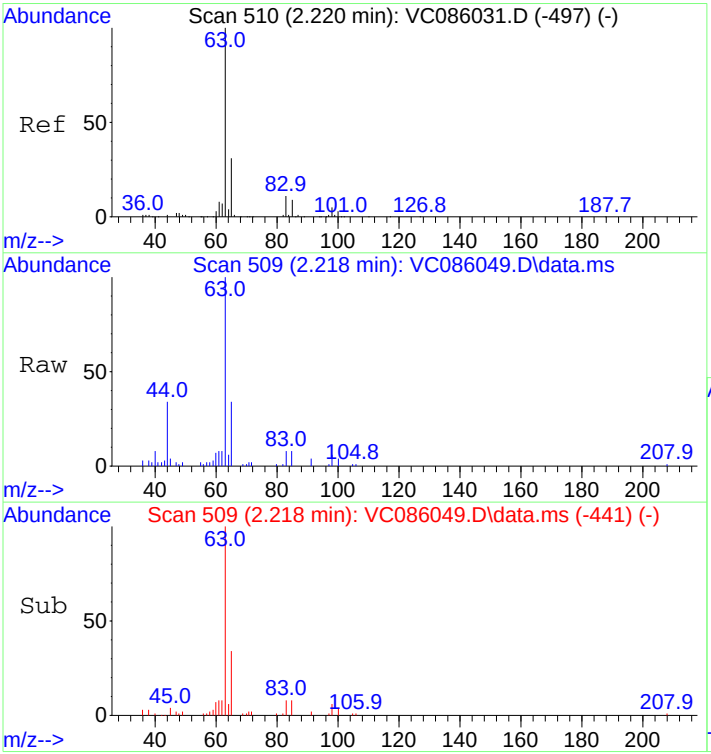


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.18 UG/L
RT: 1.928 min Scan# 405
Delta R.T. -0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 61 Resp: 3315

Ion	Ratio	Lower	Upper
61	100		
96	83.2	55.2	82.8#
98	54.6	35.1	52.7#

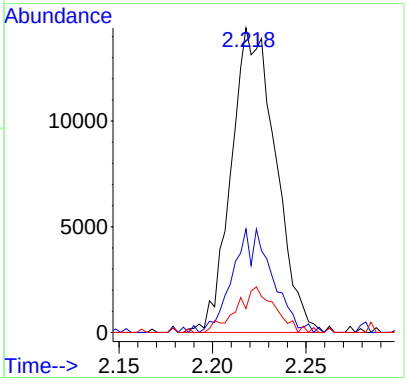


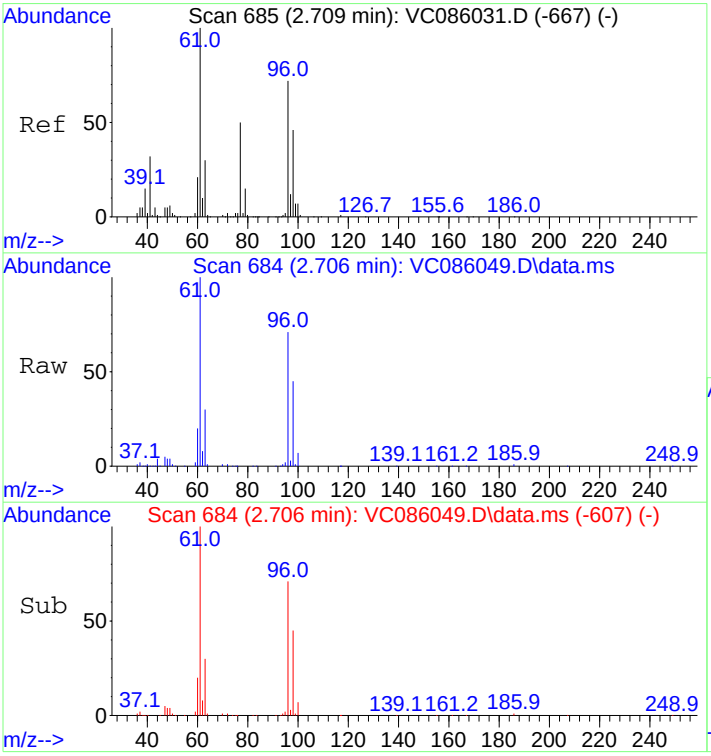


#27
1,1-DICHLOROETHANE
Concen: 1.03 UG/L
RT: 2.218 min Scan# 509
Delta R.T. -0.006 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 63 Resp: 23754

Ion	Ratio	Lower	Upper
63	100		
65	15.3	24.7	37.1#
83	12.9	10.4	15.6

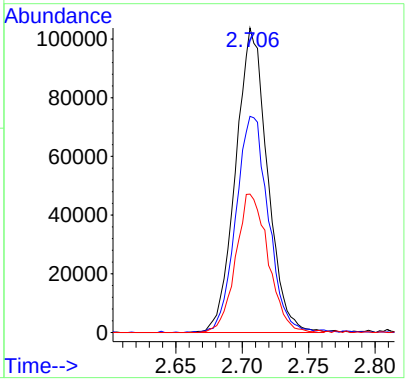


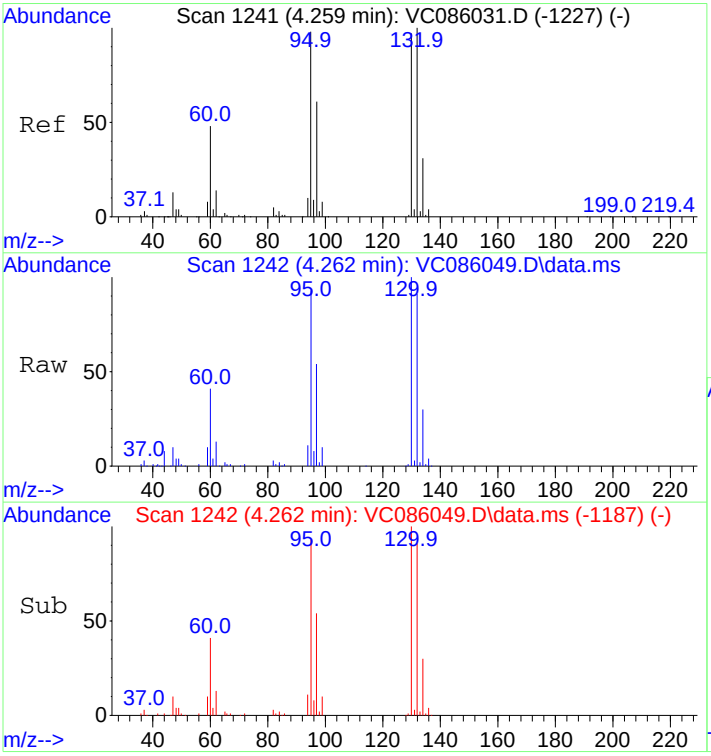


#33
CIS-1,2-DICHLOROETHENE
Concen: 7.73 UG/L
RT: 2.706 min Scan# 684
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 61 Resp: 172904

Ion	Ratio	Lower	Upper
61	100		
96	72.5	54.4	81.6
98	46.3	35.1	52.7

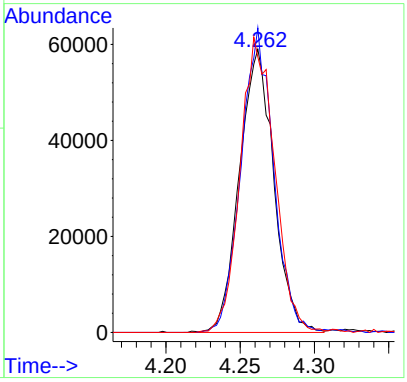


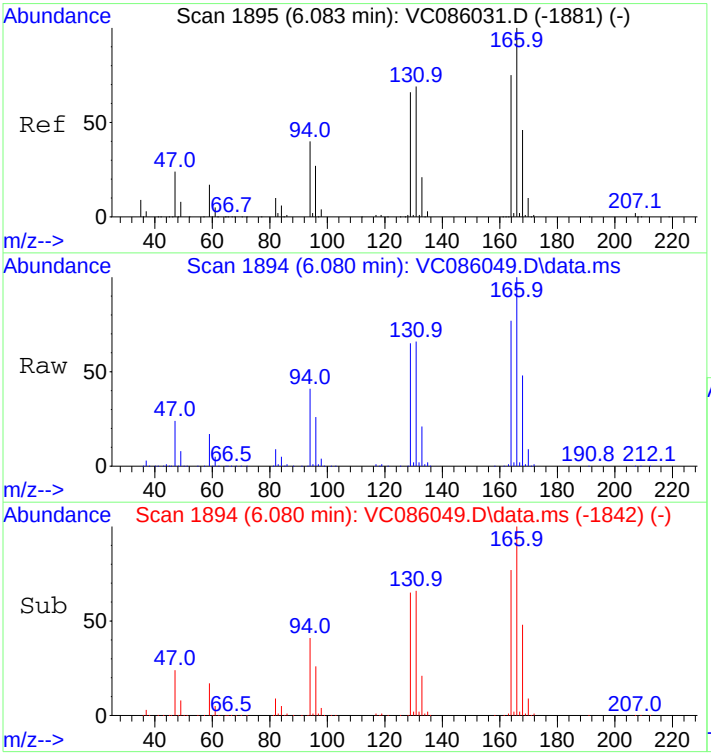


#51
TRICHLOROETHENE
Concen: 6.78 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion: 95 Resp: 94699

Ion	Ratio	Lower	Upper
95	100		
130	102.0	83.0	124.4
132	104.5	85.1	127.7

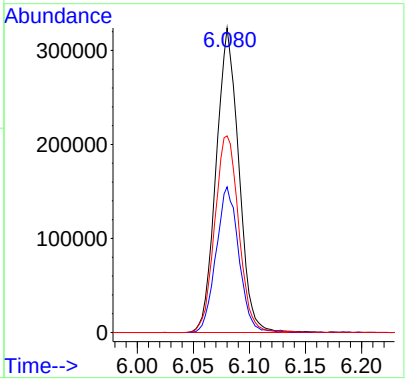


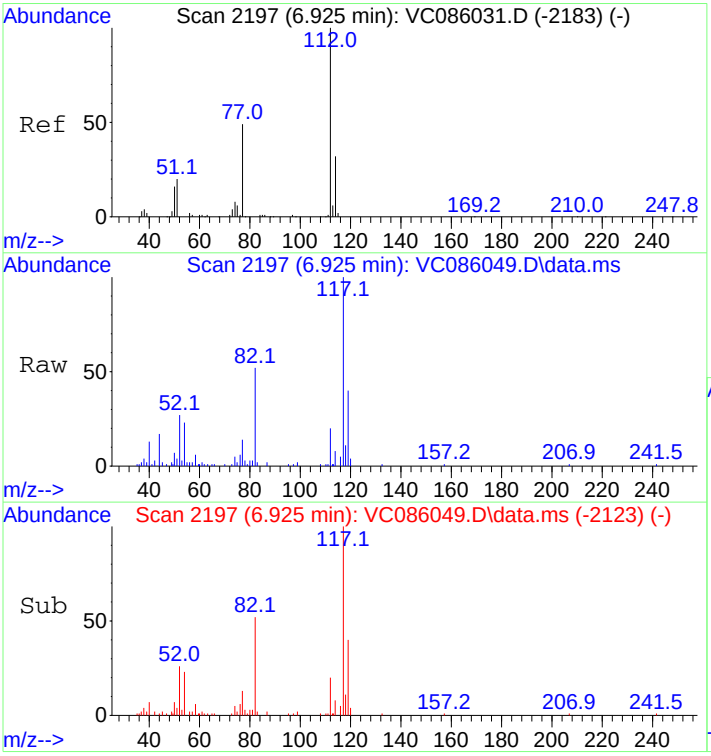


#66
TETRACHLOROETHENE
Concen: 30.40 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion:166 Resp: 455988

Ion	Ratio	Lower	Upper
166	100		
168	47.9	38.0	57.0
129	68.6	55.4	83.2

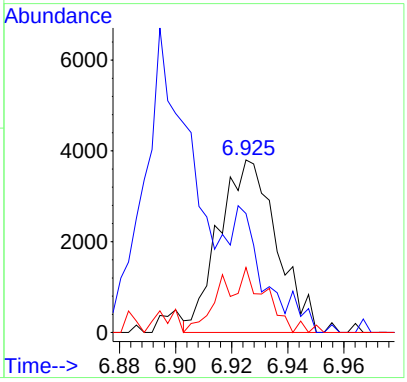




#72
CHLOROBENZENE
Concen: 0.14 UG/L
RT: 6.925 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VC086049.D
Acq: 27 Mar 2012 5:55 am

Tgt Ion:112 Resp: 5416

Ion	Ratio	Lower	Upper
112	100		
77	38.0	41.2	61.8#
114	0.0	26.1	39.1#



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1 - FORM I
ANALYSIS DATA SHEET

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06	File ID:	VC086050.D
Sampled:	03/20/12 16:07	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06	File ID:	VC086050.D
Sampled:	03/20/12 16:07	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	2.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06	File ID:	VC086050.D
Sampled:	03/20/12 16:07	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	110	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	12	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06	File ID:	VC086050.D
Sampled:	03/20/12 16:07	Prepared:	03/26/12 13:04	Analyzed:	03/27/12 06:26
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

110

Data Path : X:\1\DATA\032612\
Data File : VC086050.D
Acq On : 27 Mar 2012 6:26 am
Operator :
Sample : 12C0620-06 Inst : GCMSVOA3
Misc :
ALS Vial : 47 Sample Multiplier: 1

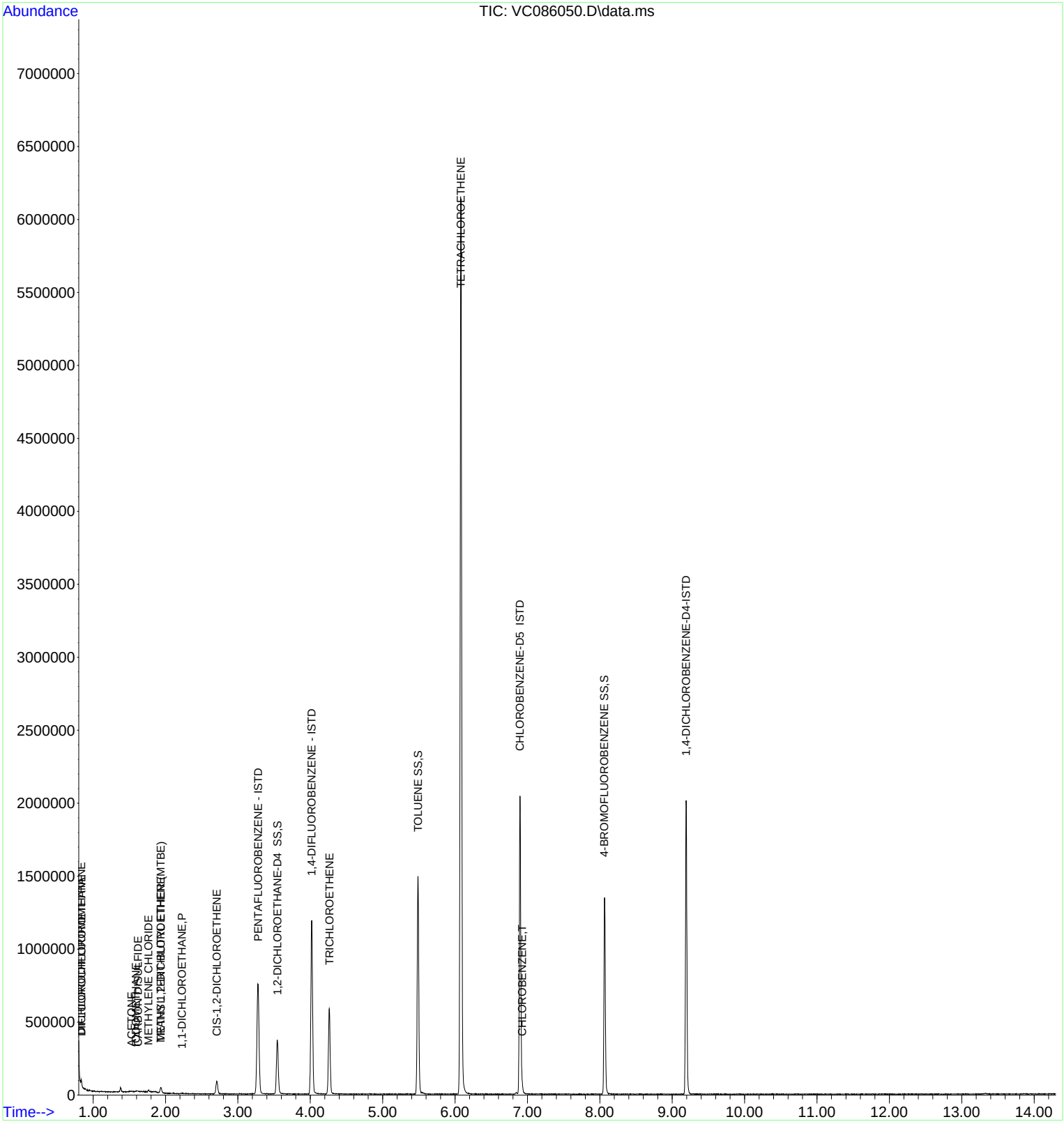
Quant Time: Mar 27 14:03:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

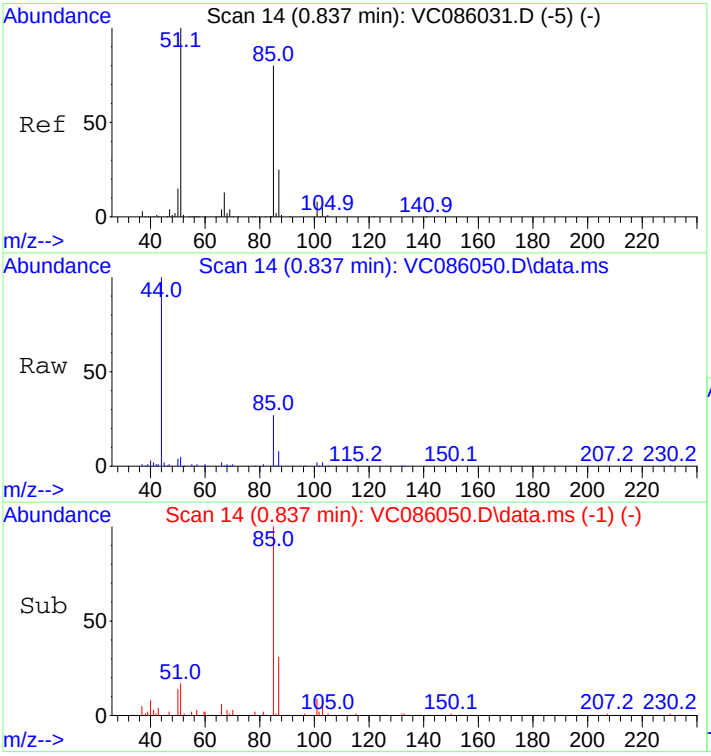
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	568509	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	919274	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	483905	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	453837	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	240307	26.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.36%				
49) TOLUENE SS	5.489	98	841997	24.97	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.88%				
71) 4-BROMOFLUOROBENZENE SS	8.063	95	384191	23.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.72%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	12680	1.02	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.840	51	2784	0.20	UG/L	#	79
14) ACETONE	1.532	43	3054	1.56	UG/L	#	83
17) IODOMETHANE	1.593	142	2341	0.21	UG/L	#	79
23) METHYLENE CHLORIDE	1.766	49	4140	0.35	UG/L		92
24) CARBON DISULFIDE	1.621	76	1855	0.10	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	23975	0.84	UG/L	#	78
26) TRANS 1,2-DICHLOROETHENE	1.933	61	2033	0.11	UG/L		92
27) 1,1-DICHLOROETHANE	2.226	63	2499m	0.11	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.709	61	44446	2.00	UG/L		96
51) TRICHLOROETHENE	4.265	95	171108	12.20	UG/L		98
66) TETRACHLOROETHENE	6.080	166	1591799	105.71	UG/L		100
72) CHLOROBENZENE	6.928	112	22698	0.61	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086050.D
Acq On : 27 Mar 2012 6:26 am
Operator :
Sample : 12C0620-06 Inst : GCMSVOA3
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Mar 27 14:03:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

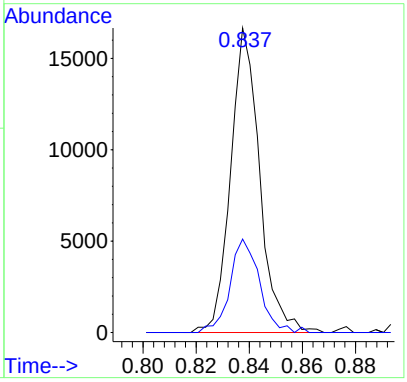


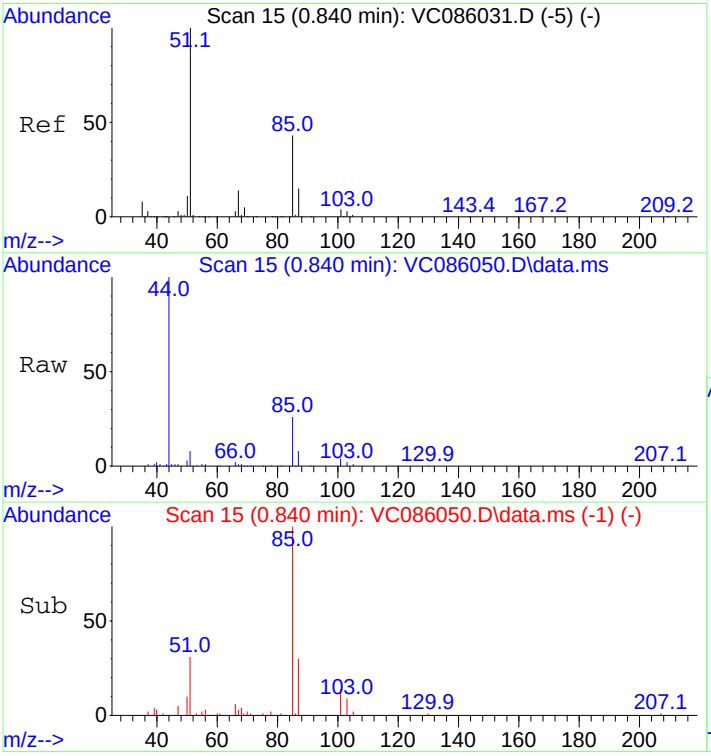


#3
DICHLORODIFLUOROMETHANE
Concen: 1.02 UG/L
RT: 0.837 min Scan# 14
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 85 Resp: 12680

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.2	39.2

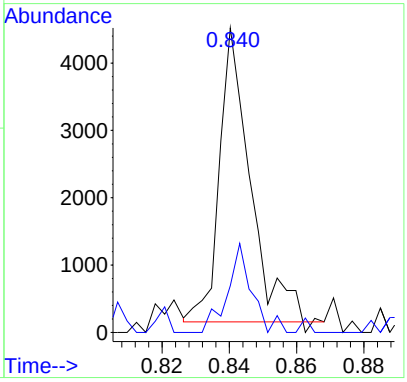


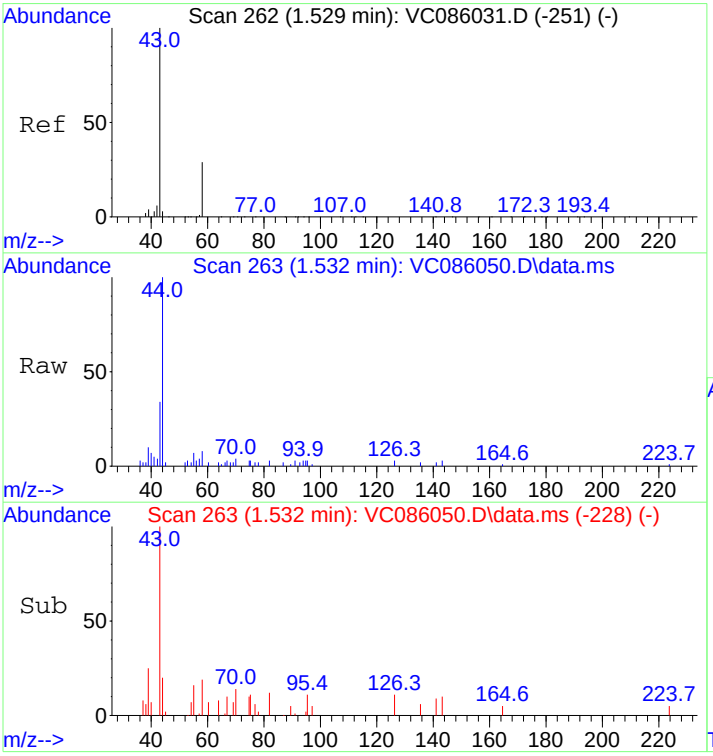


#4
DIFLUOROCHLOROMETHANE
Concen: 0.20 UG/L
RT: 0.840 min Scan# 15
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 51 Resp: 2784

Ion	Ratio	Lower	Upper
51	100		
67	23.8	12.1	18.1#

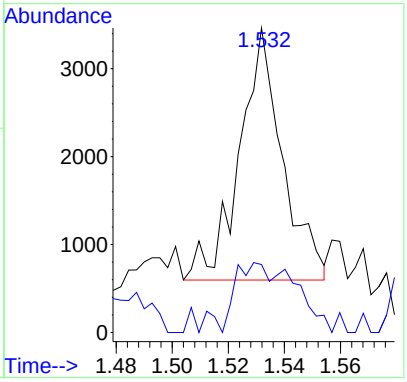


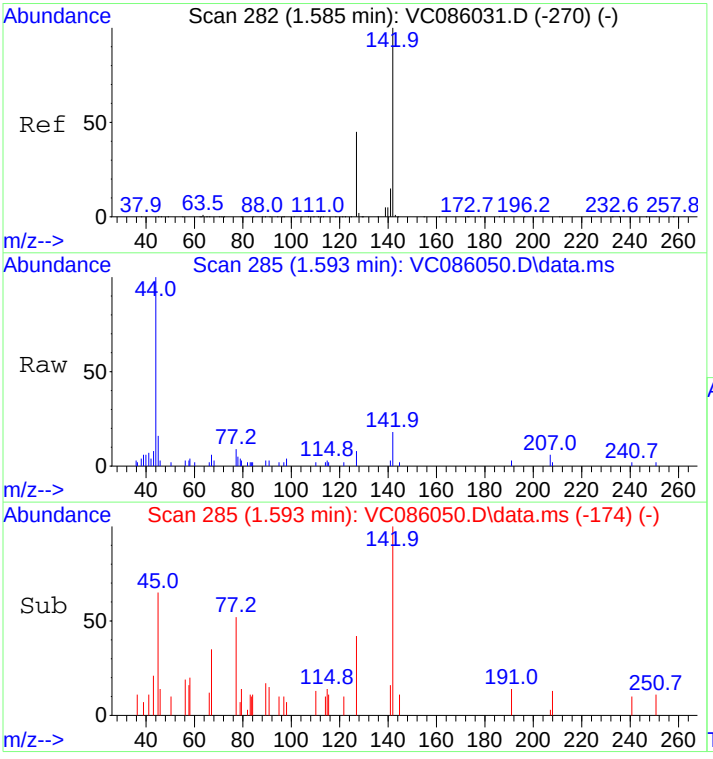


#14
ACETONE
Concen: 1.56 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.003 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 43 Resp: 3054

Ion	Ratio	Lower	Upper
43	100		
58	38.6	23.8	35.6#

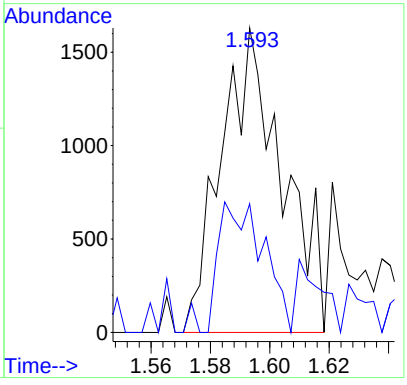


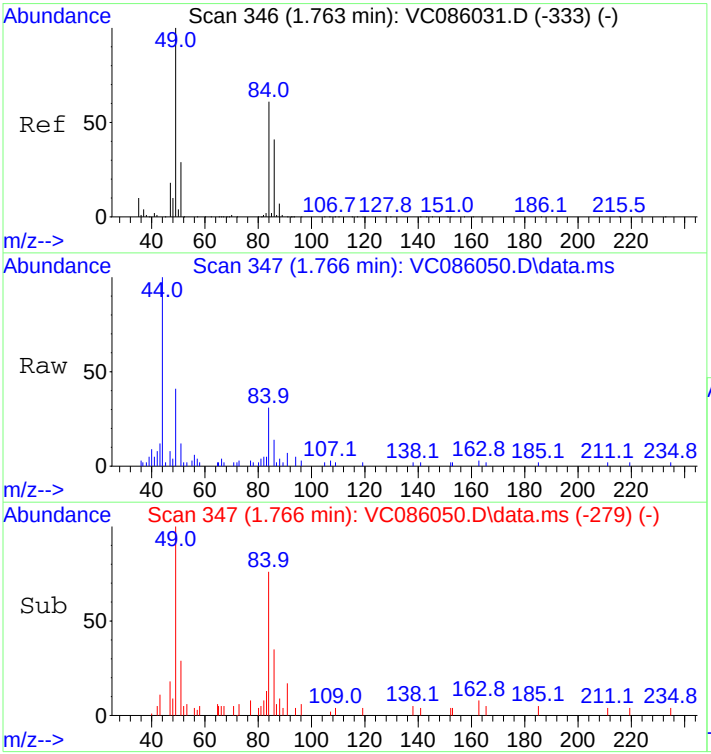


#17
IODOMETHANE
Concen: 0.21 UG/L
RT: 1.593 min Scan# 285
Delta R.T. 0.009 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion:142 Resp: 2341

Ion	Ratio	Lower	Upper
142	100		
127	32.4	36.8	55.2#

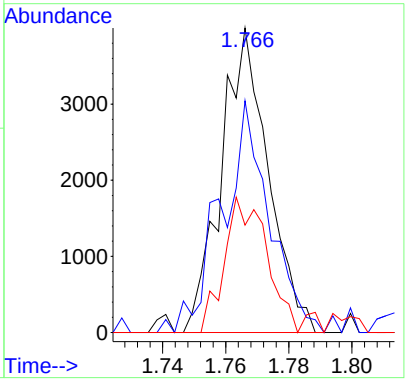


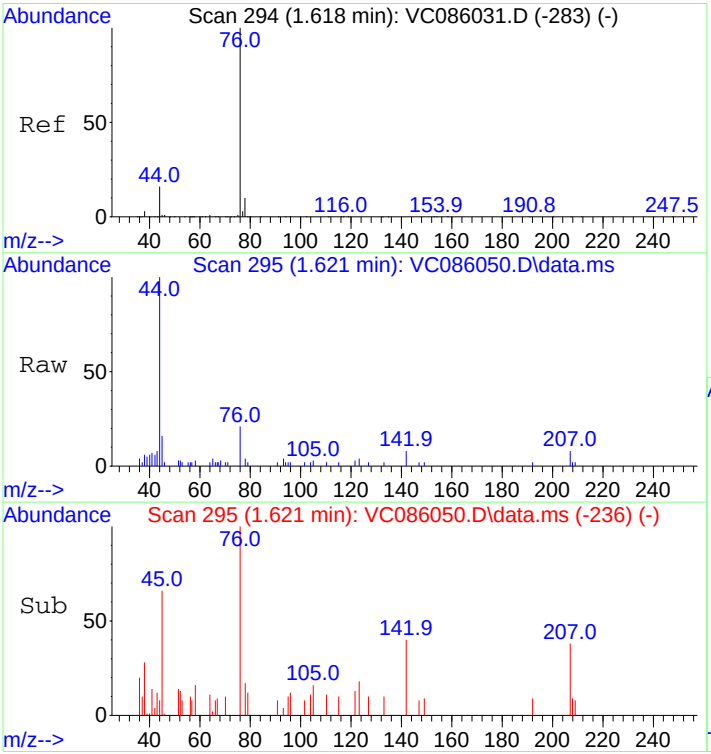


#23
METHYLENE CHLORIDE
Concen: 0.35 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 49 Resp: 4140

Ion	Ratio	Lower	Upper
49	100		
84	77.7	57.8	86.6
86	40.0	37.1	55.7

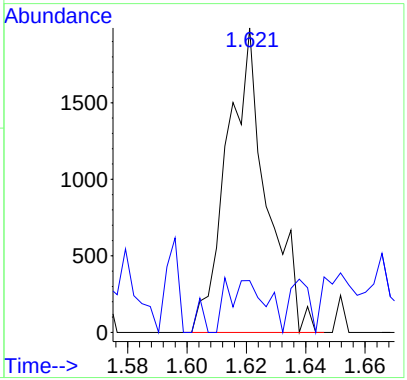


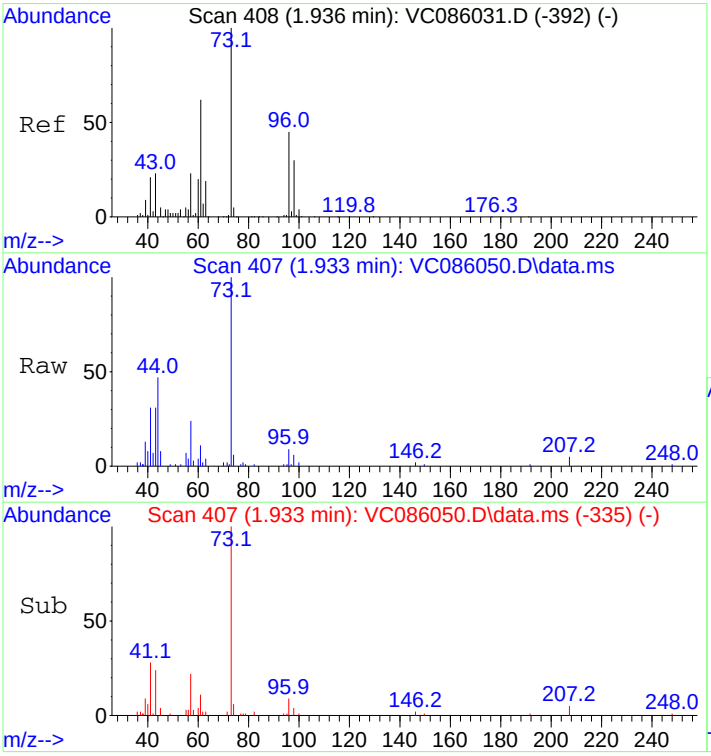


#24
CARBON DISULFIDE
Concen: 0.10 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 76 Resp: 1855

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

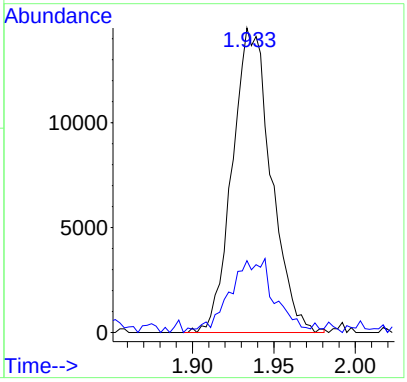


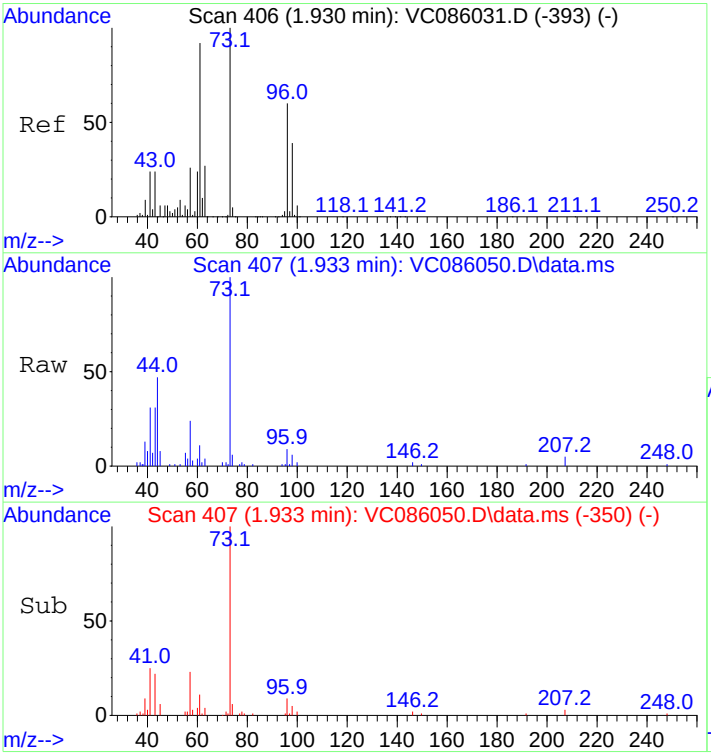


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.84 UG/L
RT: 1.933 min Scan# 407
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 73 Resp: 23975

Ion	Ratio	Lower	Upper
73	100		
57	13.0	18.9	28.3#

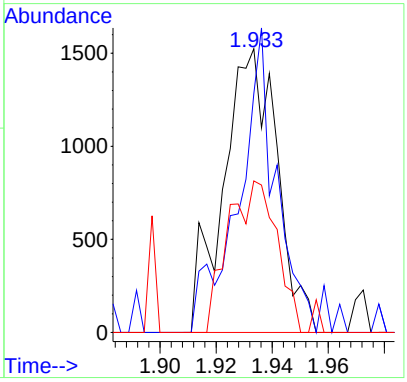


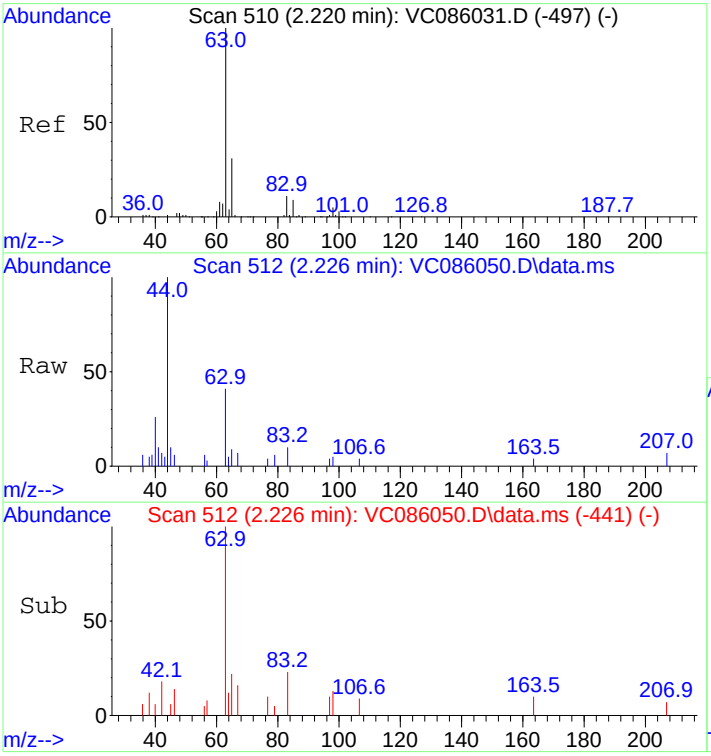


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.11 UG/L
RT: 1.933 min Scan# 407
Delta R.T. 0.003 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 61 Resp: 2033

Ion	Ratio	Lower	Upper
61	100		
96	75.4	55.2	82.8
98	48.4	35.1	52.7

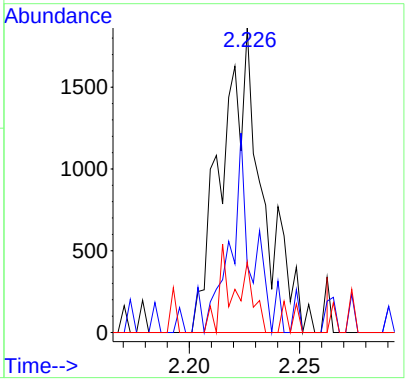


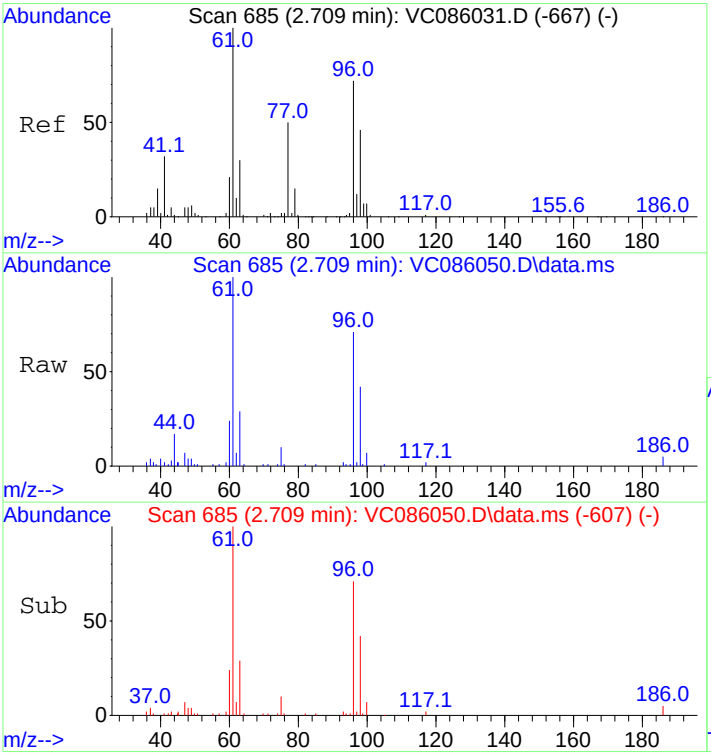


#27
1,1-DICHLOROETHANE
Concen: 0.11 UG/L m
RT: 2.226 min Scan# 512
Delta R.T. 0.003 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 63 Resp: 2499

Ion	Ratio	Lower	Upper
63	100		
65	24.6	24.7	37.1#
83	0.0	10.4	15.6#

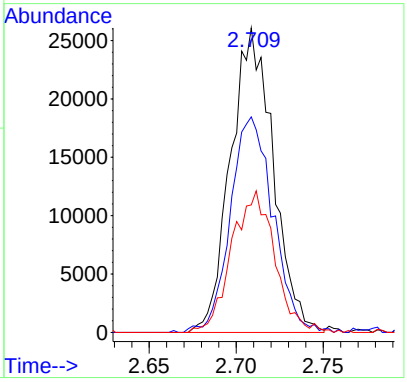


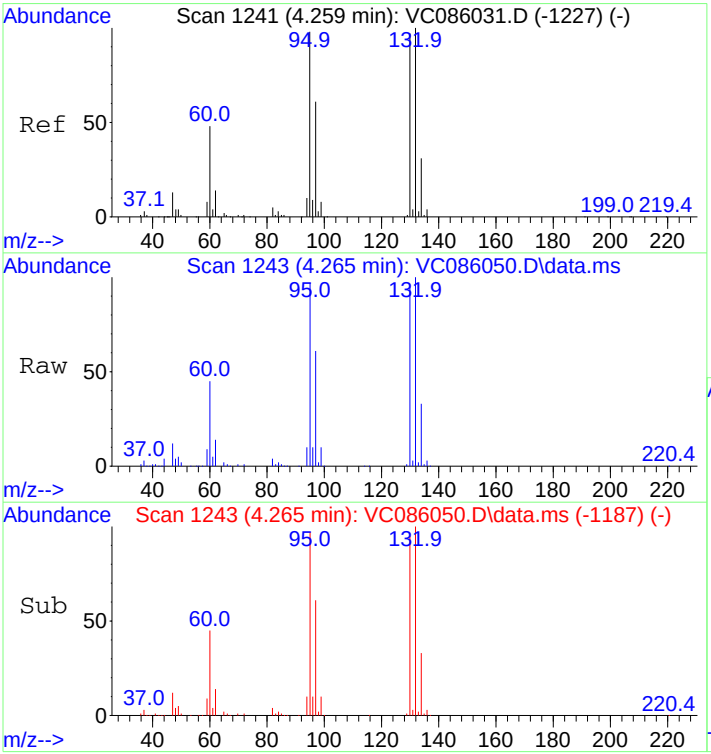


#33
CIS-1,2-DICHLOROETHENE
Concen: 2.00 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 61 Resp: 44446

Ion	Ratio	Lower	Upper
61	100		
96	71.0	54.4	81.6
98	46.9	35.1	52.7

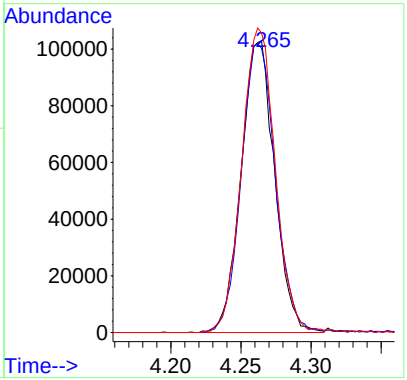


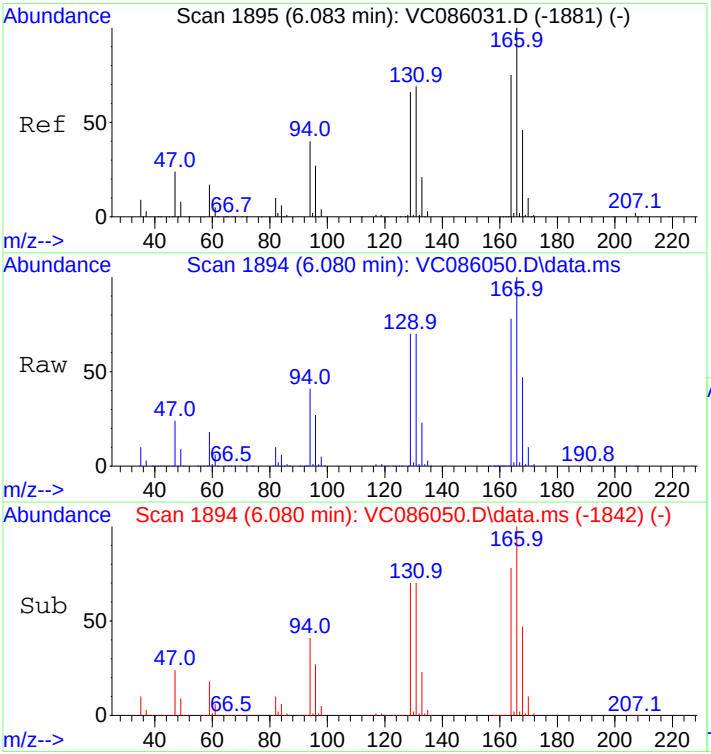


#51
TRICHLOROETHENE
Concen: 12.20 UG/L
RT: 4.265 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion: 95 Resp: 171108

Ion	Ratio	Lower	Upper
95	100		
130	100.4	83.0	124.4
132	105.0	85.1	127.7

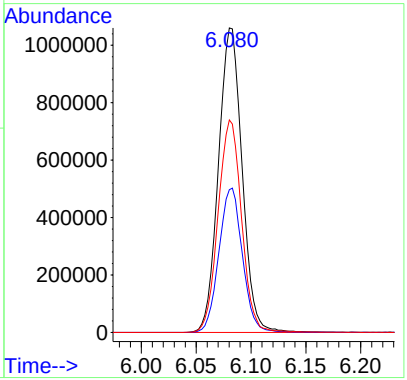


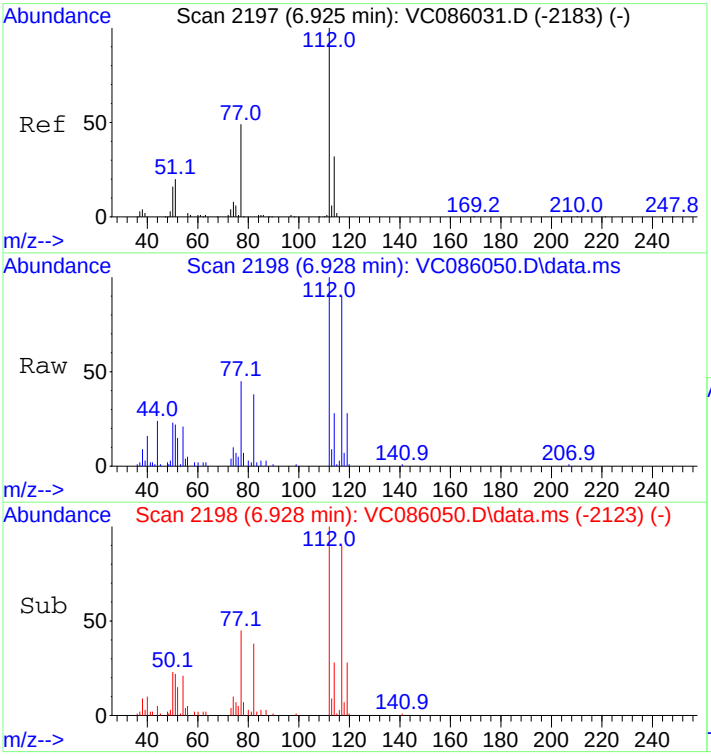


#66
TETRACHLOROETHENE
Concen: 105.71 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion:166 Resp: 1591799

Ion	Ratio	Lower	Upper
166	100		
168	47.1	38.0	57.0
129	69.2	55.4	83.2

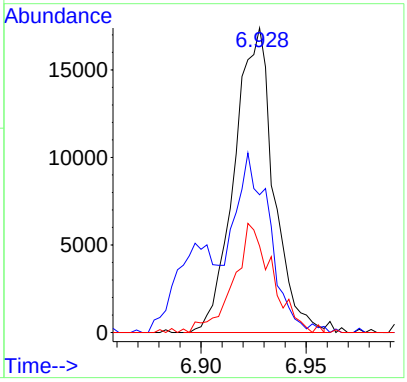




#72
CHLOROBENZENE
Concen: 0.61 UG/L
RT: 6.928 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VC086050.D
Acq: 27 Mar 2012 6:26 am

Tgt Ion:112 Resp: 22698

Ion	Ratio	Lower	Upper
112	100		
77	52.3	41.2	61.8
114	34.9	26.1	39.1



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0620-01	102	96.5	101
12C0620-02	104	96.0	100
12C0620-03	105	96.0	100
12C0620-04	105	96.3	99.7
12C0620-05	104	97.1	99.8
12C0620-06	106	95.7	99.9
B048557-BLK1	103	96.9	101
B048557-BS1	98.9	98.4	102
B048557-BSD1	102	99.4	102

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	109	109	70 - 160
Acrylonitrile	10.0	9.51	95.1	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	70 - 130
Benzene	10.0	10.9	109	70 - 130
Bromobenzene	10.0	10.7	107	70 - 130
Bromochloromethane	10.0	11.0	110	70 - 130
Bromodichloromethane	10.0	9.91	99.1	70 - 130
Bromoform	10.0	12.1	121	70 - 130
Bromomethane	10.0	7.55	75.5	40 - 160
2-Butanone (MEK)	100	96.5	96.5	40 - 160
tert-Butyl Alcohol (TBA)	100	78.3	78.3	40 - 160
n-Butylbenzene	10.0	11.0	110	70 - 130
sec-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butylbenzene	10.0	11.4	114	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.0	110	70 - 130
Carbon Disulfide	10.0	12.2	122	70 - 130
Carbon Tetrachloride	10.0	9.89	98.9	70 - 130
Chlorobenzene	10.0	11.2	112	70 - 130
Chlorodibromomethane	10.0	11.4	114	70 - 130
Chloroethane	10.0	11.4	114	70 - 130
Chloroform	10.0	10.7	107	70 - 130
Chloromethane	10.0	14.5	145	40 - 160
2-Chlorotoluene	10.0	11.1	111	70 - 130
4-Chlorotoluene	10.0	11.5	115	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.21	92.1	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.4	104	70 - 130
Dibromomethane	10.0	10.4	104	70 - 130
1,2-Dichlorobenzene	10.0	11.5	115	70 - 130
1,3-Dichlorobenzene	10.0	11.5	115	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.36	73.6	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	18.4	184	*	40 - 160
1,1-Dichloroethane	10.0	11.0	110		70 - 130
1,2-Dichloroethane	10.0	10.5	105		70 - 130
1,1-Dichloroethylene	10.0	11.2	112		70 - 130
cis-1,2-Dichloroethylene	10.0	10.2	102		70 - 130
trans-1,2-Dichloroethylene	10.0	10.7	107		70 - 130
1,2-Dichloropropane	10.0	10.6	106		70 - 130
1,3-Dichloropropane	10.0	10.6	106		70 - 130
2,2-Dichloropropane	10.0	9.61	96.1		40 - 130
1,1-Dichloropropene	10.0	10.9	109		70 - 130
cis-1,3-Dichloropropene	10.0	9.85	98.5		70 - 130
trans-1,3-Dichloropropene	10.0	10.6	106		70 - 130
Diethyl Ether	10.0	9.42	94.2		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.7	117		70 - 130
1,4-Dioxane	100	95.4	95.4		40 - 130
Ethylbenzene	10.0	10.7	107		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	98.7	98.7		70 - 160
Isopropylbenzene (Cumene)	10.0	11.4	114		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.3	113		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112		70 - 130
Methylene Chloride	10.0	11.3	113		70 - 130
4-Methyl-2-pentanone (MIBK)	100	95.4	95.4		70 - 160
Naphthalene	10.0	8.27	82.7		40 - 130
n-Propylbenzene	10.0	11.4	114		70 - 130
Styrene	10.0	10.9	109		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.6	106		70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.92	99.2		70 - 130
Tetrachloroethylene	10.0	10.8	108		70 - 130
Tetrahydrofuran	10.0	8.76	87.6		70 - 130
Toluene	10.0	11.1	111		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	8.73	87.3	70 - 130
1,2,4-Trichlorobenzene	10.0	8.88	88.8	70 - 130
1,3,5-Trichlorobenzene	10.0	9.29	92.9	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	10.1	101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118	70 - 130
1,2,4-Trimethylbenzene	10.0	10.6	106	70 - 130
1,3,5-Trimethylbenzene	10.0	10.5	105	70 - 130
Vinyl Chloride	10.0	10.9	109	40 - 160
m+p Xylene	20.0	21.9	110	70 - 130
o-Xylene	10.0	11.7	117	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	121	121	10.7	25	70 - 160
Acrylonitrile	10.0	10.8	108	12.2	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	0.0949	25	70 - 130
Benzene	10.0	10.4	104	4.96	25	70 - 130
Bromobenzene	10.0	10.0	100	6.57	25	70 - 130
Bromochloromethane	10.0	10.6	106	3.99	25	70 - 130
Bromodichloromethane	10.0	9.41	94.1	5.18	25	70 - 130
Bromoform	10.0	12.6	126	4.45	25	70 - 130
Bromomethane	10.0	8.36	83.6	10.2	25	40 - 160
2-Butanone (MEK)	100	110	110	12.7	25	40 - 160
tert-Butyl Alcohol (TBA)	100	92.0	92.0	16.1	25	40 - 160
n-Butylbenzene	10.0	10.2	102	7.55	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.6	106		7.81	25	70 - 130
tert-Butylbenzene	10.0	10.4	104		8.73	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.7	107		2.03	25	70 - 130
Carbon Disulfide	10.0	11.3	113		7.72	25	70 - 130
Carbon Tetrachloride	10.0	9.17	91.7		7.56	25	70 - 130
Chlorobenzene	10.0	10.8	108		3.36	25	70 - 130
Chlorodibromomethane	10.0	11.4	114		0.0878	25	70 - 130
Chloroethane	10.0	10.6	106		7.47	25	70 - 130
Chloroform	10.0	10.2	102		4.31	25	70 - 130
Chloromethane	10.0	13.7	137		5.82	25	40 - 160
2-Chlorotoluene	10.0	10.5	105		5.83	25	70 - 130
4-Chlorotoluene	10.0	10.7	107		6.58	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.75	97.5		5.70	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.7	107		2.18	25	70 - 130
Dibromomethane	10.0	10.4	104		0.385	25	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108		6.27	25	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108		6.73	25	70 - 130
1,4-Dichlorobenzene	10.0	9.94	99.4		6.80	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.98	79.8		8.08	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	16.7	167	*	9.81	25	40 - 160
1,1-Dichloroethane	10.0	10.4	104		5.77	25	70 - 130
1,2-Dichloroethane	10.0	10.7	107		1.79	25	70 - 130
1,1-Dichloroethylene	10.0	10.2	102		9.18	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.52	95.2		7.09	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101		6.16	25	70 - 130
1,2-Dichloropropane	10.0	10.1	101		4.63	25	70 - 130
1,3-Dichloropropane	10.0	10.7	107		0.470	25	70 - 130
2,2-Dichloropropane	10.0	8.61	86.1		11.0	25	40 - 130
1,1-Dichloropropene	10.0	10.6	106		3.44	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.65	96.5	2.05	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.3	103	3.25	25	70 - 130
Diethyl Ether	10.0	9.93	99.3	5.27	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.3	113	3.21	25	70 - 130
1,4-Dioxane	100	93.7	93.7	1.84	50	40 - 130
Ethylbenzene	10.0	10.1	101	6.35	25	70 - 130
Hexachlorobutadiene	10.0	9.48	94.8	5.94	25	70 - 130
2-Hexanone (MBK)	100	111	111	11.4	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.6	106	7.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.4	104	8.59	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.7	117	4.64	25	70 - 130
Methylene Chloride	10.0	10.6	106	6.38	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	109	109	12.9	25	70 - 160
Naphthalene	10.0	9.04	90.4	8.90	25	40 - 130
n-Propylbenzene	10.0	10.6	106	7.45	25	70 - 130
Styrene	10.0	10.2	102	6.75	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2	102	4.23	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	8.59	25	70 - 130
Tetrachloroethylene	10.0	9.79	97.9	9.72	25	70 - 130
Tetrahydrofuran	10.0	9.74	97.4	10.6	25	70 - 130
Toluene	10.0	10.4	104	6.05	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.47	94.7	8.13	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.82	88.2	0.678	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.69	86.9	6.67	25	70 - 130
1,1,1-Trichloroethane	10.0	10.0	100	4.29	25	70 - 130
1,1,2-Trichloroethane	10.0	10.1	101	3.50	25	70 - 130
Trichloroethylene	10.0	10.1	101	6.86	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.85	98.5	8.18	25	70 - 130
1,2,3-Trichloropropane	10.0	10.9	109	7.24	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048557	Laboratory ID:	B048557-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.2	112	5.74	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.97	99.7	6.31	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.75	97.5	7.12	25	70 - 130
Vinyl Chloride	10.0	10.1	101	7.45	25	40 - 160
m+p Xylene	20.0	20.4	102	7.04	25	70 - 130
o-Xylene	10.0	10.9	109	7.28	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048557-BLK1	Batch:	B048557

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B048557-BSD1	VC086032.D	21:24
LCS	B048557-BS1	VC086031.D	20:54
MW-46C-March 2012	12C0620-06	VC086050.D	06:26
MW-46D-March 2012	12C0620-05	VC086049.D	05:55
MW-31B-March 2012	12C0620-04	VC086048.D	05:25
MW-31C-March 2012	12C0620-03	VC086047.D	04:55
MW-31D-March 2012	12C0620-02	VC086046.D	04:25
TB32012-04	12C0620-01	VC086036.D	23:24

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC086030.D	Injection Date:	03/26/12
Instrument ID:	GCMSVOA3	Injection Time:	20:24
Sequence:	S002043	Lab Sample ID:	S002043-TUN1

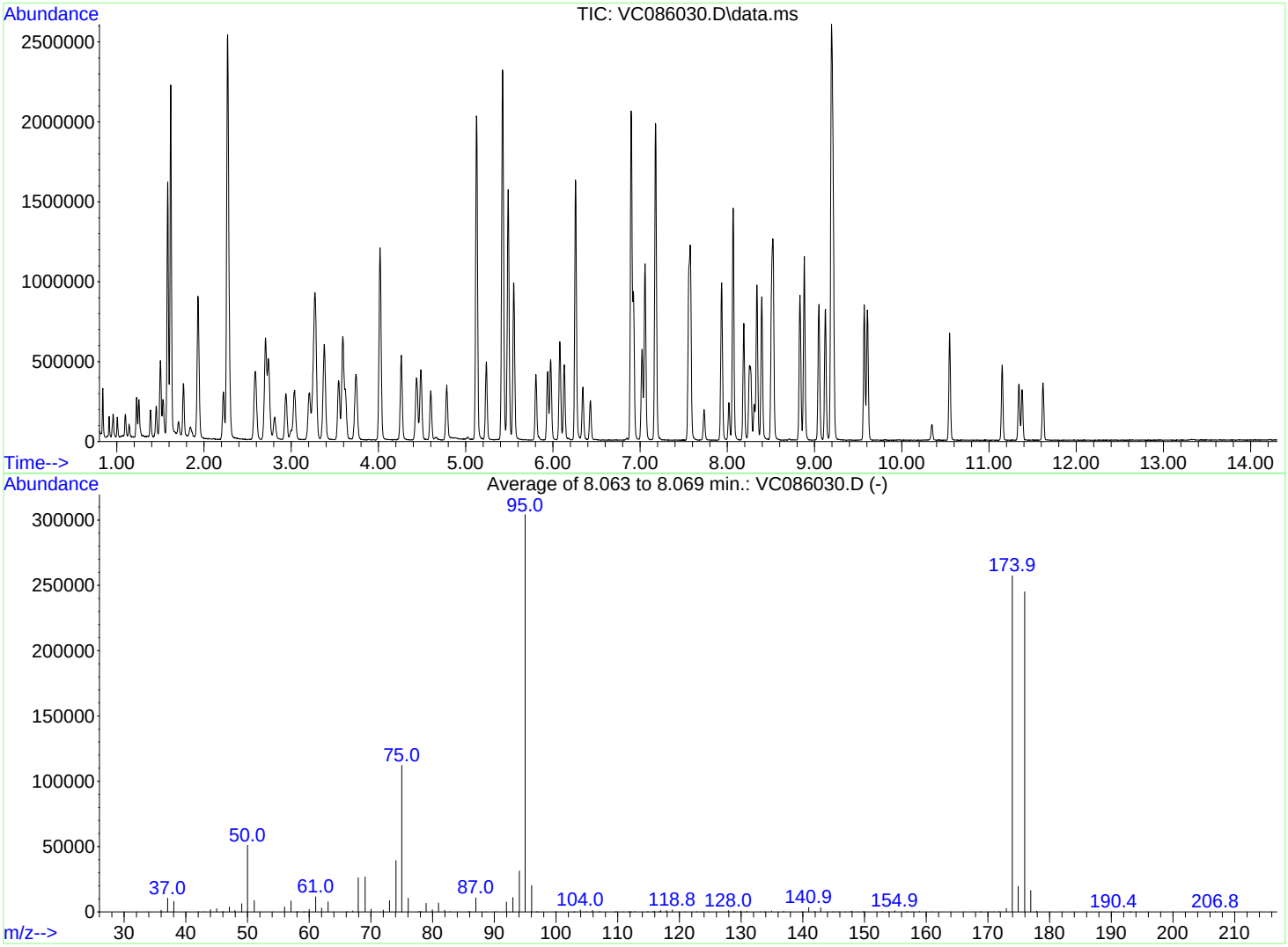
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	16.8	PASS
75	30 - 60% of 95	36.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.63	PASS
173	Less than 2% of 174	0.998	PASS
174	50 - 200% of 95	84.6	PASS
175	5 - 9% of 174	7.61	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 9% of 176	6.67	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
LCS	B048557-BS1	VC086031.D	03/26/2012	20:54:00
Calibration Check	S002043-CCV1	VC086031.D	03/26/2012	20:54:00
LCS Dup	B048557-BSD1	VC086032.D	03/26/2012	21:24:00
Blank	B048557-BLK1	VC086034.D	03/26/2012	22:24:00
TB32012-04	12C0620-01	VC086036.D	03/26/2012	23:24:00
MW-31D-March 2012	12C0620-02	VC086046.D	03/27/2012	4:25:00
MW-31C-March 2012	12C0620-03	VC086047.D	03/27/2012	4:55:00
MW-31B-March 2012	12C0620-04	VC086048.D	03/27/2012	5:25:00
MW-46D-March 2012	12C0620-05	VC086049.D	03/27/2012	5:55:00
MW-46C-March 2012	12C0620-06	VC086050.D	03/27/2012	6:26:00

Data Path : X:\1\DATA\032612\
Data File : VC086030.D
Acq On : 26 Mar 2012 8:24 pm
Operator :
Sample : S002043-TUN1 @ BFB/ 2CEVE 100 PPB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.069 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.8	51112	PASS
75	95	30	60	36.9	112152	PASS
95	95	100	100	100.0	304170	PASS
96	95	5	9	6.6	20167	PASS
173	174	0.00	2	1.0	2568	PASS
174	95	50	100	84.6	257322	PASS
175	174	5	9	7.6	19581	PASS
176	174	95	101	95.3	245141	PASS
177	176	5	9	6.7	16353	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4		0.5		1		2		5	0.255207	10	0.2562633
Ethyl Methacrylate	0.4	0.5335834	0.5	0.4846244	1	0.4667511	2	0.4669007	5	0.5410775	10	0.5188374
Acetone	4		5	0.118444	10	0.0923742	20	0.1013782	50	0.1086334	100	0.1026794
Acrolein	4	5.559494E-02	5	4.894834E-02	10	5.167108E-02	20	4.850347E-02	50	5.497581E-02	100	5.347363E-02
Acrylonitrile	0.4	0.3176682	0.5	0.2684992	1	0.2464786	2	0.2135965	5	0.2306932	10	0.2280664
tert-Amyl Methyl Ether (TAME)	0.4	1.59816	0.5	1.543257	1	1.337745	2	1.51012	5	1.644812	10	1.638699
Benzene	0.4	2.412626	0.5	2.619904	1	2.357944	2	2.479273	5	2.718464	10	2.674683
Bromobenzene	0.4	1.512642	0.5	1.537011	1	1.317657	2	1.423723	5	1.548981	10	1.524256
Bromochloromethane	0.4	0.6930508	0.5	0.696429	1	0.6065798	2	0.6756422	5	0.7068405	10	0.6879045
Bromodichloromethane	0.4	0.5397666	0.5	0.4617473	1	0.4570995	2	0.4719035	5	0.5256021	10	0.5562757
Bromoform	0.4	0.3183268	0.5	0.3014075	1	0.273832	2	0.3069704	5	0.3496367	10	0.3778788
Bromomethane	0.4		0.5	0.6435145	1	0.4018381	2	0.3476099	5	0.2473896	10	0.1999056
2-Butanone (MEK)	4	0.3051076	5	0.2619413	10	0.2375014	20	0.2525352	50	0.2901411	100	0.2662
tert-Butyl Alcohol (TBA)	4		5		10	2.941299E-02	20	2.802977E-02	50	3.239749E-02	100	2.717154E-02
n-Butylbenzene	0.4		0.5	1.702183	1	1.53656	2	1.999825	5	2.317035	10	2.379614
sec-Butylbenzene	0.4	2.739028	0.5	2.962551	1	2.63794	2	2.87251	5	3.122372	10	3.179524
tert-Butylbenzene	0.4	2.080162	0.5	2.431758	1	1.988441	2	2.204368	5	2.316207	10	2.301416
tert-Butyl Ethyl Ether (TBEE)	0.4	1.891282	0.5	1.797521	1	1.684094	2	1.766716	5	2.035328	10	1.988942
Carbon Disulfide	4	0.9589199	5	1.132036	10	0.9338059	20	1.018527	50	1.029866	100	1.027595
Carbon Tetrachloride	0.4		0.5		1		2	0.6928012	5	0.7473743	10	0.7828302
Chlorobenzene	0.4	2.198223	0.5	2.521201	1	2.118267	2	2.287767	5	2.470318	10	2.433124
Chlorodibromomethane	0.4	0.3414476	0.5	0.3471761	1	0.2988928	2	0.3146791	5	0.3705839	10	0.4111664
Chloroethane	0.4		0.5		1	0.2117139	2	0.234727	5	0.2139153	10	0.2008357
2-Chloroethyl Vinyl Ether	4	0.2155097	5	0.1966197	10	0.1768705	20	0.2073275	50	0.2213767	100	0.2131915
Chloroform	0.4	1.1574	0.5	1.101387	1	1.049434	2	1.09479	5	1.210248	10	1.197392
Chloromethane	0.4		0.5		1	0.3079781	2	0.386434	5	0.3278358	10	0.3250697

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.361513	0.5	2.58798	1	2.300129	2	2.458864	5	2.681891	10	2.656688
4-Chlorotoluene	0.4	2.800981	0.5	2.8099	1	2.616386	2	2.805802	5	3.027142	10	3.023134
Cyclohexane	0.4		0.5		1		2		5	1.162889	10	1.095819
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	5.098118E-02	2	6.509278E-02	5	9.122763E-02	10	8.990188E-02
1,2-Dibromoethane (EDB)	0.4	0.409386	0.5	0.3915701	1	0.3682677	2	0.3810148	5	0.4332592	10	0.4326606
Dibromomethane	0.4	0.3006846	0.5	0.30136	1	0.2455015	2	0.2691443	5	0.2947803	10	0.2878836
1,2-Dichlorobenzene	0.4	1.498541	0.5	1.544341	1	1.487915	2	1.546596	5	1.716052	10	1.720615
1,3-Dichlorobenzene	0.4	1.478515	0.5	1.703721	1	1.529377	2	1.61411	5	1.76961	10	1.743383
1,4-Dichlorobenzene	0.4	1.839847	0.5	1.910785	1	1.667429	2	1.796148	5	1.894709	10	1.902218
trans-1,4-Dichloro-2-butene	0.4	0.2116284	0.5	0.2412219	1	0.1425232	2	0.2098871	5	0.2243365	10	0.2361644
Dichlorodifluoromethane (Freon	0.4		0.5		1	0.4010687	2	0.5313945	5	0.4318443	10	0.3780298
1,1-Dichloroethane	0.4	1.157759	0.5	1.264351	1	1.103432	2	1.142703	5	1.253257	10	1.228924
1,2-Dichloroethane	0.4	0.6180102	0.5	0.6560793	1	0.563882	2	0.5858969	5	0.6529581	10	0.6456515
1,1-Dichloroethylene	0.4	0.5557099	0.5	0.6670757	1	0.5596979	2	0.5746994	5	0.601691	10	0.6125766
cis-1,2-Dichloroethylene	0.4	1.075857	0.5	1.266806	1	1.041452	2	1.143696	5	1.238934	10	1.221726
trans-1,2-Dichloroethylene	0.4	0.9498915	0.5	1.013621	1	0.8942184	2	0.9431088	5	1.032496	10	1.021628
Dichlorofluoromethane (Freon 2	0.4	0.7207106	0.5	0.836029	1	0.6512979	2	0.6998786	5	0.7397239	10	0.7389791
1,2-Dichloropropane	0.4	0.4699962	0.5	0.464035	1	0.4143742	2	0.4418212	5	0.4787697	10	0.4612723
1,3-Dichloropropane	0.4	0.6025905	0.5	0.604884	1	0.5819865	2	0.6294405	5	0.6643002	10	0.6423944
2,2-Dichloropropane	0.4	0.8064439	0.5	0.787434	1	0.7192407	2	0.7554545	5	0.830245	10	0.8395309
1,1-Dichloropropene	0.4	0.8168612	0.5	0.8649896	1	0.7783359	2	0.7966717	5	0.8878623	10	0.8874512
cis-1,3-Dichloropropene	0.4	0.6035065	0.5	0.5789771	1	0.5609005	2	0.607537	5	0.6851598	10	0.7091602
trans-1,3-Dichloropropene	0.4	0.4919044	0.5	0.4642205	1	0.4369048	2	0.4672463	5	0.5408324	10	0.5641639
Diethyl Ether	0.4	0.4243559	0.5	0.3760952	1	0.3297121	2	0.3173398	5	0.3220089	10	0.3007203
Difluorochloromethane (Freon 2	0.4		0.5		1	0.6365842	2	0.7723844	5	0.7289767	10	0.6543704
Diisopropyl Ether (DIPE)	0.4	2.27301	0.5	2.529979	1	2.046504	2	2.231816	5	2.439974	10	2.360562

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	2.532805E-03	100	2.691532E-03
Ethyl Acetate	0.4		0.5	0.9633575	1	0.6733685	2	0.6845017	5	0.7880304	10	0.6963866
Ethylbenzene	0.4	3.580587	0.5	4.024522	1	3.580524	2	3.899826	5	4.167349	10	4.192571
Hexachlorobutadiene	0.4		0.5		1		2	0.3179624	5	0.372293	10	0.3898699
2-Hexanone (MBK)	4	0.2594101	5	0.2233242	10	0.1998377	20	0.2373884	50	0.2758249	100	0.2560025
Iodomethane	4		5		10		20	0.5092584	50	0.6045739	100	0.6662291
Isopropylbenzene (Cumene)	0.4	3.126971	0.5	3.54028	1	3.074513	2	3.276211	5	3.63217	10	3.594218
p-Isopropyltoluene (p-Cymene)	0.4	2.27971	0.5	2.5444	1	2.341864	2	2.613514	5	2.769671	10	2.781415
Methyl Acetate	0.4		0.5		1	0.2938414	2	0.2836837	5	0.3244435	10	0.2846458
Methyl tert-Butyl Ether (MTBE)	0.4	1.601752	0.5	1.485139	1	1.286728	2	1.395302	5	1.571263	10	1.504441
Methyl Cyclohexane	0.4	0.5089272	0.5	0.5127571	1	0.4398249	2	0.4818102	5	0.4828771	10	0.4945891
Methylene Chloride	0.4		0.5		1		2		5	0.7693985	10	0.6781991
4-Methyl-2-pentanone (MIBK)	4	0.4106302	5	0.3761806	10	0.3432073	20	0.3739517	50	0.421926	100	0.3868756
Naphthalene	0.4		0.5		1		2	0.1012853	5	0.6408294	10	0.953802
n-Propylbenzene	0.4	3.363211	0.5	3.844804	1	3.439721	2	3.829936	5	4.125558	10	4.086937
Styrene	0.4	2.338375	0.5	2.558008	1	2.45719	2	2.531514	5	2.74131	10	2.746747
1,1,1,2-Tetrachloroethane	0.4	0.6286954	0.5	0.6876983	1	0.6091352	2	0.6572887	5	0.7555848	10	0.7891382
1,1,2,2-Tetrachloroethane	0.4	0.9070839	0.5	0.8579444	1	0.7581853	2	0.8137816	5	0.9169518	10	0.8606675
Tetrachloroethylene	0.4	0.4923624	0.5	0.4849954	1	0.4454499	2	0.4953374	5	0.5110423	10	0.5169637
Tetrahydrofuran	0.4		0.5		1	0.2038762	2	0.1454951	5	0.1836092	10	0.1559433
Toluene	0.4	1.681742	0.5	1.899606	1	1.744761	2	1.866336	5	1.947783	10	1.944601
1,2,3-Trichlorobenzene	0.4		0.5		1		2	0.0606098	5	0.3198823	10	0.4394123
1,2,4-Trichlorobenzene	0.4		0.5		1	1.693533E-02	2	0.1557086	5	0.5124175	10	0.6246897
1,3,5-Trichlorobenzene	0.4	0.4093952	0.5	0.3304739	1	0.438333	2	0.6729242	5	0.9565118	10	1.037135
1,1,1-Trichloroethane	0.4	0.9404321	0.5	1.098442	1	0.8753694	2	0.9679817	5	1.024948	10	1.040963
1,1,2-Trichloroethane	0.4	0.3983937	0.5	0.4063475	1	0.3573866	2	0.3777235	5	0.4091821	10	0.4098346

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4512177	0.5	0.4826458	1	0.4051836	2	0.4524849	5	0.4709546	10	0.4775163
Trichlorofluoromethane (Freon 1	0.4	0.6315048	0.5	0.8210087	1	0.5839322	2	0.6666808	5	0.6708705	10	0.679205
1,2,3-Trichloropropane	0.4	0.7602999	0.5	0.6357853	1	0.6242657	2	0.5995225	5	0.7127861	10	0.6824222
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3187459	0.5	0.3423242	1	0.285619	2	0.3314692	5	0.3246269	10	0.3402748
1,2,4-Trimethylbenzene	0.4	2.71514	0.5	2.977341	1	2.748604	2	2.877143	5	3.159592	10	3.154724
1,3,5-Trimethylbenzene	0.4	2.889995	0.5	2.878358	1	2.833375	2	2.91349	5	3.221689	10	3.256312
Vinyl Acetate	4	1.636057	5	1.546742	10	1.395788	20	1.492556	50	1.668066	100	1.530057
Vinyl Chloride	0.4	0.4660252	0.5	0.5179531	1	0.3768825	2	0.432132	5	0.3988081	10	0.3977085
m+p Xylene	0.8	2.772906	1	3.140561	2	2.791247	4	2.920746	10	3.15837	20	3.12673
o-Xylene	0.4	2.836056	0.5	3.075939	1	2.72942	2	2.977892	5	3.133082	10	3.163735
1,2-Dichloroethane-d4	25	0.4829726	25	0.4694093	25	0.4576348	25	0.4589957	25	0.4799226	25	0.4656097
Toluene-d8	25	1.106262	25	1.100779	25	1.098569	25	1.109653	25	1.101618	25	1.10459
4-Bromofluorobenzene	25	0.9814345	25	0.9915085	25	0.9762612	25	0.9878469	25	0.9952398	25	0.9698514

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.3195959	50	0.2952293	100	0.3245824	200	0.3022117				
Ethyl Methacrylate	20	0.5994382	50	0.5419339	100	0.5609313	200	0.485003				
Acetone	200	0.1169252	500	9.575092E-02	1000	0.1023449	2000	8.849887E-02				
Acrolein	200	5.699009E-02	500	5.939349E-02	1000	6.317611E-02	2000	5.656893E-02				
Acrylonitrile	20	0.2732079	50	0.2408335	100	0.2479368	200	0.2148733				
tert-Amyl Methyl Ether (TAME)	20	1.84738	50	1.65833	100	1.681223	200	1.603699				
Benzene	20	2.733877	50	2.688903	100	2.565031	200	2.461629				
Bromobenzene	20	1.558219	50	1.464272	100	1.418193	200	1.31511				
Bromochloromethane	20	0.721518	50	0.6996959	100	0.675012	200	0.6269629				
Bromodichloromethane	20	0.6009459	50	0.6144289	100	0.6176199	200	0.6072929				
Bromoform	20		50		100		200					
Bromomethane	20		50		100		200					
2-Butanone (MEK)	200	0.3352423	500	0.2763198	1000	0.2920171	2000	0.2483808				
tert-Butyl Alcohol (TBA)	200	4.017139E-02	500	2.856701E-02	1000	3.326167E-02	2000	2.964167E-02				
n-Butylbenzene	20	2.389259	50	2.253845	100	2.208944	200	2.121036				
sec-Butylbenzene	20	3.054614	50	2.92532	100	2.83121	200	2.695889				
tert-Butylbenzene	20	2.288992	50	2.180144	100	2.120881	200	2.038914				
tert-Butyl Ethyl Ether (TBEE)	20	2.174241	50	2.064509	100	1.990136	200	1.944167				
Carbon Disulfide	200	0.9406725	500	0.7428619	1000		2000					
Carbon Tetrachloride	20	0.8559071	50	0.9348424	100	0.9399966	200	0.9615483				
Chlorobenzene	20	2.493578	50	2.35638	100	2.255566	200	2.097077				
Chlorodibromomethane	20		50		100		200					
Chloroethane	20	0.1574603	50	0.2325128	100	0.2147056	200	0.195079				
2-Chloroethyl Vinyl Ether	200	0.2470705	500	0.1900294	1000	0.1688464	2000					
Chloroform	20	1.22749	50	1.209104	100	1.192589	200	1.197123				
Chloromethane	20	0.3084019	50	0.4305973	100		200					

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.731933	50	2.546127	100	2.430121	200	2.247154				
4-Chlorotoluene	20	3.108998	50	2.929042	100	2.74345	200	2.510918				
Cyclohexane	20	1.09006	50	1.160582	100	1.106705	200	1.070663				
1,2-Dibromo-3-chloropropane (D	20	0.1200326	50	0.1067593	100	0.134631	200	0.1310054				
1,2-Dibromoethane (EDB)	20	0.464204	50	0.4182307	100	0.4183637	200	0.3907498				
Dibromomethane	20	0.3117179	50	0.2925505	100	0.2881413	200	0.2689415				
1,2-Dichlorobenzene	20	1.729065	50	1.601361	100	1.603735	200	1.525933				
1,3-Dichlorobenzene	20	1.723898	50	1.6477	100	1.628992	200	1.573309				
1,4-Dichlorobenzene	20	1.884936	50	1.755612	100	1.701765	200	1.575027				
trans-1,4-Dichloro-2-butene	20	0.3315421	50	0.3035923	100	0.3333664	200	0.3129769				
Dichlorodifluoromethane (Freon	20	0.3441143	50		100		200					
1,1-Dichloroethane	20	1.242871	50	1.270116	100	1.211128	200	1.190486				
1,2-Dichloroethane	20	0.6763902	50	0.6412572	100	0.6359794	200	0.597085				
1,1-Dichloroethylene	20	0.5757342	50	0.6490596	100	0.6079647	200	0.5839481				
cis-1,2-Dichloroethylene	20	1.241624	50	1.216688	100	1.156784	200	1.105474				
trans-1,2-Dichloroethylene	20	1.032886	50	1.036953	100	0.9660117	200	0.9064239				
Dichlorofluoromethane (Freon 2	20	0.665469	50	0.7958445	100	0.7493246	200	0.7263338				
1,2-Dichloropropane	20	0.4782689	50	0.4550912	100	0.4395804	200	0.4223912				
1,3-Dichloropropane	20	0.7009391	50	0.6324932	100	0.6211824	200	0.5700565				
2,2-Dichloropropane	20	0.8908393	50	0.8514903	100	0.8188608	200	0.839123				
1,1-Dichloropropene	20	0.8936737	50	0.9104306	100	0.8700477	200	0.8433923				
cis-1,3-Dichloropropene	20	0.739386	50	0.7196115	100	0.7020893	200	0.6615947				
trans-1,3-Dichloropropene	20	0.6212114	50	0.5891746	100	0.6039707	200	0.5727595				
Diethyl Ether	20	0.3016213	50	0.3345448	100	0.3338008	200	0.31621				
Difluorochloromethane (Freon 2	20	0.6186983	50	0.8900602	100	0.8049764	200	0.7344235				
Diisopropyl Ether (DIPE)	20	2.349289	50	2.255056	100	1.93263	200	1.628097				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.307326E-03	500	2.563141E-03	1000	2.810397E-03	2000	2.718352E-03				
Ethyl Acetate	20	0.8933471	50	0.6852162	100	0.7622883	200	0.7123826				
Ethylbenzene	20	4.255964	50	3.979522	100	3.768366	200	3.425154				
Hexachlorobutadiene	20	0.3911871	50	0.3900721	100	0.3835792	200	0.3969094				
2-Hexanone (MBK)	200	0.3206384	500	0.2513471	1000	0.2490684	2000					
Iodomethane	200	0.6325156	500	0.5997214	1000		2000					
Isopropylbenzene (Cumene)	20	3.664997	50	3.439731	100	3.29669	200	3.023658				
p-Isopropyltoluene (p-Cymene)	20	2.722056	50	2.548655	100	2.436792	200	2.258713				
Methyl Acetate	20	0.349798	50	0.262595	100	0.2802961	200	0.2538109				
Methyl tert-Butyl Ether (MTBE)	20	1.730588	50	1.558026	100	1.540152	200	1.422453				
Methyl Cyclohexane	20	0.5060048	50	0.5257309	100	0.4969198	200	0.4818947				
Methylene Chloride	20	0.60158	50	0.5918714	100	0.5611579	200	0.5416453				
4-Methyl-2-pentanone (MIBK)	200	0.4597805	500	0.3599248	1000	0.3414104	2000					
Naphthalene	20	1.711883	50	1.604309	100	1.964278	200	1.867795				
n-Propylbenzene	20	4.236334	50	3.960657	100	3.762866	200	3.466889				
Styrene	20	2.820126	50	2.630404	100	2.475354	200	2.217584				
1,1,1,2-Tetrachloroethane	20	0.86645	50	0.8656174	100	0.8822314	200	0.8584131				
1,1,2,2-Tetrachloroethane	20	1.046583	50	0.8776722	100	0.9185255	200	0.8129384				
Tetrachloroethylene	20	0.5284128	50	0.505427	100	0.4776454	200	0.4566574				
Tetrahydrofuran	20	0.2005466	50	0.1687145	100	0.1875084	200	0.1688137				
Toluene	20	1.939086	50	1.846569	100	1.734741	200	1.587736				
1,2,3-Trichlorobenzene	20	0.6964888	50	0.6448551	100	0.7506013	200	0.7300523				
1,2,4-Trichlorobenzene	20	0.8714252	50	0.843036	100	0.9209508	200	0.8968474				
1,3,5-Trichlorobenzene	20	1.075435	50	1.081917	100	1.074767	200	1.051941				
1,1,1-Trichloroethane	20	1.090381	50	1.123023	100	1.120882	200	1.136176				
1,1,2-Trichloroethane	20	0.4374117	50	0.3971942	100	0.3961094	200	0.363864				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200042 Instrument: GCMSVOA3

Calibration Date: 3/26/2012 4:59:52PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.4808619	50	0.471003	100	0.4496445	200	0.4349595				
Trichlorofluoromethane (Freon 1	20	0.5989799	50	0.7502384	100	0.7069447	200	0.69052				
1,2,3-Trichloropropane	20	0.7955378	50	0.6624702	100	0.6894485	200	0.6160383				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.32036	50	0.3746957	100	0.3463941	200	0.3411262				
1,2,4-Trimethylbenzene	20	3.076032	50	2.919296	100	2.797072	200	2.628847				
1,3,5-Trimethylbenzene	20	3.318237	50	3.099374	100	2.906238	200	2.643593				
Vinyl Acetate	200	1.628501	500	1.385259	1000		2000					
Vinyl Chloride	20	0.3687635	50	0.5226242	100	0.4860571	200	0.464771				
m+p Xylene	40	3.154311	100	2.907752	200	2.662112	400					
o-Xylene	20	3.191899	50	2.96134	100	2.813882	200	2.569539				
1,2-Dichloroethane-d4	25	0.4840161	25	0.4828909	25	0.4896462	25	0.4983318				
Toluene-d8	25	1.095565	25	1.099101	25	1.092856	25	1.09563				
4-Bromofluorobenzene	25	0.9889755	25	1.014689	25	1.014531	25	1.031159				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2921816	10.3			15	
Ethyl Methacrylate	0.5199081	8.4			15	
Acetone	0.1030032	10.0			15	
Acrolein	5.492959E-02	8.3			15	
Acrylonitrile	0.2481854	12.7			15	
tert-Amyl Methyl Ether (TAME)	1.606343	8.2			15	
Benzene	2.571233	5.3			15	
Bromobenzene	1.462006	6.2			15	
Bromochloromethane	0.6789636	5.3			15	
Bromodichloromethane	0.5452682	11.9			15	
Bromoform	0.321342	11.5			15	
Bromomethane	0.3680515	47.1	0.9914213		0.99	
2-Butanone (MEK)	0.2765387	10.7			15	
tert-Butyl Alcohol (TBA)	3.108169E-02	13.6			15	
n-Butylbenzene	2.100922	14.4			15	
sec-Butylbenzene	2.902096	6.3			15	
tert-Butylbenzene	2.195128	6.4			15	
tert-Butyl Ethyl Ether (TBEE)	1.933694	7.8			15	
Carbon Disulfide	0.9730355	11.6			15	
Carbon Tetrachloride	0.8450429	12.5			15	
Chlorobenzene	2.32315	6.7			15	
Chlorodibromomethane	0.3473243	11.6			15	
Chloroethane	0.2076187	11.8			15	
2-Chloroethyl Vinyl Ether	0.2040935	11.8			15	
Chloroform	1.163696	5.2			15	
Chloromethane	0.3477195	14.3			15	
2-Chlorotoluene	2.50024	6.7			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.837575	6.6			15	
Cyclohexane	1.114453	3.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	9.870397E-02	30.6	0.9977837		0.99	
1,2-Dibromoethane (EDB)	0.4107707	7.0			15	
Dibromomethane	0.2860706	6.9			15	
1,2-Dichlorobenzene	1.597415	5.9			15	
1,3-Dichlorobenzene	1.641262	5.8			15	
1,4-Dichlorobenzene	1.792848	6.4			15	
trans-1,4-Dichloro-2-butene	0.2547239	24.8	0.9987871		0.99	
Dichlorodifluoromethane (Freon 12)	0.4172903	17.1	0.9952979		0.99	
1,1-Dichloroethane	1.206503	4.7			15	
1,2-Dichloroethane	0.627319	5.6			15	
1,1-Dichloroethylene	0.5988157	6.1			15	
cis-1,2-Dichloroethylene	1.170904	6.6			15	
trans-1,2-Dichloroethylene	0.9797238	5.6			15	
Dichlorofluoromethane (Freon 21)	0.7323591	7.5			15	
1,2-Dichloropropane	0.45256	5.0			15	
1,3-Dichloropropane	0.6250267	6.2			15	
2,2-Dichloropropane	0.8138662	6.1			15	
1,1-Dichloropropene	0.8549716	5.2			15	
cis-1,3-Dichloropropene	0.6567923	9.7			15	
trans-1,3-Dichloropropene	0.5352389	12.2			15	
Diethyl Ether	0.3356409	11.2			15	
Difluorochloromethane (Freon 22)	0.7300593	12.7			15	
Diisopropyl Ether (DIPE)	2.204692	12.2			15	
1,4-Dioxane	2.770592E-03	10.2			15	
Ethyl Acetate	0.7620977	13.5			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.887438	7.4			15	
Hexachlorobutadiene	0.3774104	7.2			15	
2-Hexanone (MBK)	0.252538	13.4			15	
Iodomethane	0.6024597	9.7			15	
Isopropylbenzene (Cumene)	3.366944	7.1			15	
p-Isopropyltoluene (p-Cymene)	2.529679	7.7			15	
Methyl Acetate	0.2916393	10.8			15	
Methyl tert-Butyl Ether (MTBE)	1.509584	8.1			15	
Methyl Cyclohexane	0.4931336	4.8			15	
Methylene Chloride	0.6239754	13.7			15	
4-Methyl-2-pentanone (MIBK)	0.3859875	10.1			15	
Naphthalene	1.263455	56.0	0.9979006		0.99	
n-Propylbenzene	3.811691	8.0			15	
Styrene	2.551661	7.4			15	
1,1,1,2-Tetrachloroethane	0.7600253	14.1			15	
1,1,2,2-Tetrachloroethane	0.8770334	9.0			15	
Tetrachloroethylene	0.4914294	5.3			15	
Tetrahydrofuran	0.1768134	11.7			15	
Toluene	1.819296	6.9			15	
1,2,3-Trichlorobenzene	0.5202717	49.7	0.9989158		0.99	
1,2,4-Trichlorobenzene	0.6052513	58.2	0.9994954		0.99	
1,3,5-Trichlorobenzene	0.8128833	38.8	0.9998292		0.99	
1,1,1-Trichloroethane	1.04186	8.5			15	
1,1,2-Trichloroethane	0.3953447	6.0			15	
Trichloroethylene	0.4576472	5.3			15	
Trichlorofluoromethane (Freon 11)	0.6799885	10.3			15	
1,2,3-Trichloropropane	0.6778576	9.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200042	Instrument:	GCMSVOA3
		Calibration Date:	3/26/2012 4:59:52PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3325636	6.9			15	
1,2,4-Trimethylbenzene	2.905379	6.4			15	
1,3,5-Trimethylbenzene	2.996066	7.2			15	
Vinyl Acetate	1.535378	7.0			15	
Vinyl Chloride	0.4431725	12.8			15	
m+p Xylene	2.959415	6.5			15	
o-Xylene	2.945278	7.0			15	
1,2-Dichloroethane-d4	0.476943	2.8			15	
Toluene-d8	1.100462	0.5			15	
4-Bromofluorobenzene	0.9951497	1.9			15	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002046	Instrument:	GCMSVOA3
Calibration:	1200042		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002046-CAL1	VC086010.D	03/26/12 10:21
1204045	0.5ppb 8260 Calibration Standard	S002046-CAL2	VC086011.D	03/26/12 10:52
1204046	1ppb 8260 Calibration Standard	S002046-CAL3	VC086012.D	03/26/12 11:22
1204047	2ppb 8260 Calibration Standard	S002046-CAL4	VC086013.D	03/26/12 11:52
1204048	5ppb 8260 Calibration Standard	S002046-CAL5	VC086014.D	03/26/12 12:22
1204049	10ppb 8260 Calibration Standard	S002046-CAL6	VC086015.D	03/26/12 12:52
1204050	20ppb 8260 Calibration Standard	S002046-CAL7	VC086016.D	03/26/12 13:22
1204051	50ppb 8260 Calibration Standard	S002046-CAL8	VC086017.D	03/26/12 13:52
1204052	100ppb 8260 Calibration Standard	S002046-CAL9	VC086018.D	03/26/12 14:23
1204053	200ppb 8260 Calibration Standard	S002046-CALA	VC086019.D	03/26/12 14:53

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC086010.D 0.5 =VC086011.D 1.0 =VC086012.D 2.0 =VC086013.D 5.0 =VC086014.D 10 =VC086019.D 20 =VC086016.D
50 =VC086017.D 100 =VC086018.D 200 =VC086019.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.483	0.469	0.458	0.459	0.480	0.466	0.484	0.483	0.490	0.498	0.477	2.82
3)		DICHLORODIFLUO...			0.401	0.531	0.432	0.378	0.344				0.417	0.995LR
4)		DIFLUOROCHLORO...			0.637	0.772	0.729	0.654	0.619	0.890	0.805	0.734	0.730	12.67
5)	P	CHLOROMETHANE			0.308	0.386	0.328	0.325	0.308	0.431			0.348	14.32
6)	C	VINYL CHLORIDE	0.466	0.518	0.377	0.432	0.399	0.398	0.369	0.523	0.486	0.465	0.443	12.77#
7)		BROMOMETHANE		0.644	0.402	0.348	0.247	0.200					0.368	0.991LR
8)		CHLOROETHANE			0.212	0.235	0.214	0.201	0.157	0.233	0.215	0.195	0.208	11.77
9)		FLUORODICHLORO...	0.721	0.836	0.651	0.700	0.740	0.739	0.665	0.796	0.749	0.726	0.732	7.54
10)		TRICHLOROFLUOR...	0.632	0.821	0.584	0.667	0.671	0.679	0.599	0.750	0.707	0.691	0.680	10.29
11)		ETHANOL					0.005	0.003	0.003				0.004	29.77
12)		DI ETHYL ETHER	0.424	0.376	0.330	0.317	0.322	0.301	0.302	0.335	0.334	0.316	0.336	11.25
13)		ACROLEIN	0.056	0.049	0.052	0.049	0.055	0.053	0.057	0.059	0.063	0.057	0.055	8.26
14)		ACETONE		0.118	0.092	0.101	0.109	0.103	0.117	0.096	0.102	0.088	0.103	9.97
15)	C	1,1-DICHLOROET...	0.556	0.667	0.560	0.575	0.602	0.613	0.576	0.649	0.608	0.584	0.599	6.15#
16)		1,1,2-TRICL-1,...	0.319	0.342	0.286	0.331	0.325	0.340	0.320	0.375	0.346	0.341	0.333	6.95
17)		IODOMETHANE				0.509	0.605	0.666	0.633	0.600			0.602	9.70
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE			0.294	0.284	0.324	0.285	0.350	0.263	0.280	0.254	0.292	10.83
21)		T-BUTYL ALCOHOL			0.029	0.028	0.032	0.027	0.040	0.029	0.033	0.030	0.031	13.59
22)		ACRYLONITRILE	0.318	0.268	0.246	0.214	0.231	0.228	0.273	0.241	0.248	0.215	0.248	12.70
23)		METHYLENE CHLO...					0.769	0.678	0.602	0.592	0.561	0.542	0.624	13.66
24)		CARBON DISULFIDE	0.959	1.132	0.934	1.019	1.030	1.028	0.941	0.743			0.973	11.61
25)		METHYL TERT-BU...	1.602	1.485	1.287	1.395	1.571	1.504	1.731	1.558	1.540	1.422	1.510	8.12
26)		TRANS 1,2-DICH...	0.950	1.014	0.894	0.943	1.032	1.022	1.033	1.037	0.966	0.906	0.980	5.58
27)	P	1,1-DICHLOROET...	1.158	1.264	1.103	1.143	1.253	1.229	1.243	1.270	1.211	1.190	1.207	4.68
28)		VINYL ACETATE	1.636	1.547	1.396	1.493	1.668	1.530	1.629	1.385			1.535	6.98
29)		DI ISOPROYL ETHER	2.273	2.530	2.047	2.232	2.440	2.361	2.349	2.255	1.933	1.628	2.205	12.15
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.305	0.262	0.238	0.253	0.290	0.266	0.335	0.276	0.292	0.248	0.277	10.71
32)		T-BUTYL ETHYL ...	1.891	1.798	1.684	1.767	2.035	1.989	2.174	2.065	1.990	1.944	1.934	7.75
33)		CIS-1,2-DICHLO...	1.076	1.267	1.041	1.144	1.239	1.222	1.242	1.217	1.157	1.105	1.171	6.65
34)		2,2-DICHLOROPR...	0.806	0.787	0.719	0.755	0.830	0.840	0.891	0.851	0.819	0.839	0.814	6.08
35)		ETHYL ACETATE		0.963	0.673	0.685	0.788	0.696	0.893	0.685	0.762	0.712	0.762	13.53
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.693	0.696	0.607	0.676	0.707	0.688	0.722	0.700	0.675	0.627	0.679	5.28
39)		TETRAHYDROFURAN			0.204	0.145	0.184	0.156	0.201	0.169	0.188	0.169	0.177	11.71

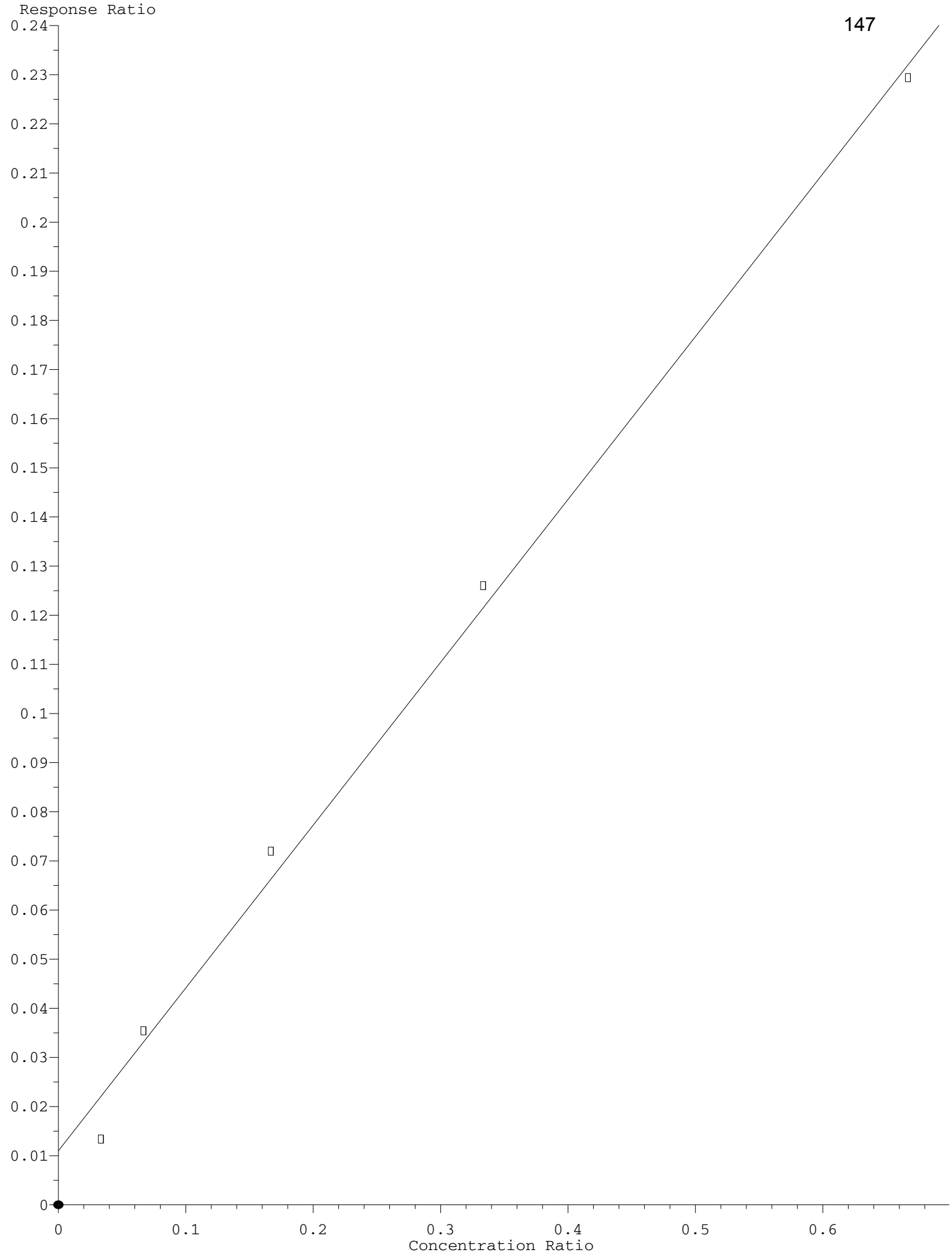
40)	C	CHLOROFORM	1.157	1.101	1.049	1.095	1.210	1.197	1.227	1.209	1.193	1.197	1.164	5.21#
41)		1,1,1-TRICHLOR...	0.940	1.098	0.875	0.968	1.025	1.041	1.090	1.123	1.121	1.136	1.042	8.53
42)		CYCLOHEXANE					1.163	1.096	1.090	1.161	1.107	1.071	1.114	3.45
43)		CARBON TETRACH...				0.693	0.747	0.783	0.856	0.935	0.940	0.962	0.845	12.54
44)		1,1-DICHLOROPR...	0.817	0.865	0.778	0.797	0.888	0.887	0.894	0.910	0.870	0.843	0.855	5.22
45)		BENZENE	2.413	2.620	2.358	2.479	2.718	2.675	2.734	2.689	2.565	2.462	2.571	5.29
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.598	1.543	1.338	1.510	1.645	1.639	1.847	1.658	1.681	1.604	1.606	8.15
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.106	1.101	1.099	1.110	1.102	1.105	1.096	1.099	1.093	1.096	1.100	0.48
50)		1,2-DICHLOROET...	0.618	0.656	0.564	0.586	0.653	0.646	0.676	0.641	0.636	0.597	0.627	5.63
51)		TRICHLOROETHENE	0.451	0.483	0.405	0.452	0.471	0.478	0.481	0.471	0.450	0.435	0.458	5.31
52)		METHYLCYCLOHEXANE	0.509	0.513	0.440	0.482	0.483	0.495	0.506	0.526	0.497	0.482	0.493	4.82
53)	C	1,2-DICHLOROPR...	0.470	0.464	0.414	0.442	0.479	0.461	0.478	0.455	0.440	0.422	0.453	4.95#
54)		DIBROMOMETHANE	0.301	0.301	0.246	0.269	0.295	0.288	0.312	0.293	0.288	0.269	0.286	6.85
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.003	0.003	0.003	10.19
57)		BROMODICHLOROM...	0.540	0.462	0.457	0.472	0.526	0.556	0.601	0.614	0.618	0.607	0.545	11.86
58)		2-CHLOROETHYLV...	0.216	0.197	0.177	0.207	0.221	0.213	0.247	0.190	0.169		0.204	11.76
59)		MIBK	0.411	0.376	0.343	0.374	0.422	0.387	0.460	0.360	0.341		0.386	10.07
60)		CIS-1,3-DICHLO...	0.604	0.579	0.561	0.608	0.685	0.709	0.739	0.720	0.702	0.662	0.657	9.75
61)	C	TOLUENE	1.682	1.900	1.745	1.866	1.948	1.945	1.939	1.847	1.735	1.588	1.819	6.89#
62)		TRANS-1,3,-DIC...	0.492	0.464	0.437	0.467	0.541	0.564	0.621	0.589	0.604	0.573	0.535	12.22
63)		ETHYL METHACRY...	0.534	0.485	0.467	0.467	0.541	0.519	0.599	0.542	0.561	0.485	0.520	8.42
64)		1,1,2-TRICHLOR...	0.398	0.406	0.357	0.378	0.409	0.410	0.437	0.397	0.396	0.364	0.395	5.99
65)		2-HEXANONE	0.259	0.223	0.200	0.237	0.276	0.256	0.321	0.251	0.249		0.253	13.36
66)		TETRACHLOROETHENE	0.492	0.485	0.445	0.495	0.511	0.517	0.528	0.505	0.478	0.457	0.491	5.33
67)		1,3-DICHLOROPR...	0.603	0.605	0.582	0.629	0.664	0.642	0.701	0.632	0.621	0.570	0.625	6.19
68)		DIBROMOCHLOROM...	0.341	0.347	0.299	0.315	0.371	0.411					0.347	11.56
69)		1,2-DIBROMOETHANE	0.409	0.392	0.368	0.381	0.433	0.433	0.464	0.418	0.418	0.391	0.411	6.99
70)		CHLOROBENZENE-D5	...	----------ISTD----------										
71)	S	4-BROMOFLUOROB...	0.981	0.992	0.976	0.988	0.995	0.970	0.989	1.015	1.015	1.031	0.995	1.94
72)	T	CHLOROBENZENE	2.198	2.521	2.118	2.288	2.470	2.433	2.494	2.356	2.256	2.097	2.323	6.69
73)		1,1,1,2-TETRAC...	0.629	0.688	0.609	0.657	0.756	0.789	0.866	0.866	0.882	0.858	0.760	14.13
74)	C	ETHYLBENZENE	3.581	4.025	3.581	3.900	4.167	4.193	4.256	3.980	3.768	3.425	3.887	7.43#
75)		M/P-XYLENES	2.773	3.141	2.791	2.921	3.158	3.127	3.154	2.908	2.662		2.959	6.48
76)		0-XYLENE	2.836	3.076	2.729	2.978	3.133	3.164	3.192	2.961	2.814	2.570	2.945	6.97
77)		STYRENE	2.338	2.558	2.457	2.532	2.741	2.747	2.820	2.630	2.475	2.218	2.552	7.44
78)	P	BROMOFORM	0.318	0.301	0.274	0.307	0.350	0.378					0.321	11.53
79)		ISOPROPYLBENZENE	3.127	3.540	3.075	3.276	3.632	3.594	3.665	3.440	3.297	3.024	3.367	7.14
80)		CIS-1,4-DICHLO...					0.255	0.256	0.320	0.295	0.325	0.302	0.292	10.35
81)	P	1,1,2,2-TETRAC...	0.907	0.858	0.758	0.814	0.917	0.861	1.047	0.878	0.919	0.813	0.877	8.98
82)		1,4-DICHLORO-2...	0.212	0.241	0.143	0.210	0.224	0.236	0.332	0.304	0.333	0.313	0.255	0.999LR
83)		BROMOBENZENE	1.513	1.537	1.318	1.424	1.549	1.524	1.558	1.464	1.418	1.315	1.462	6.23
84)		1,2,3-TRICHLOR...	0.760	0.636	0.624	0.600	0.713	0.682	0.796	0.662	0.689	0.616	0.678	9.44
85)		N-PROPYLBENZENE	3.363	3.845	3.440	3.830	4.126	4.087	4.236	3.961	3.763	3.467	3.812	8.01
86)		2-CHLOROT0LUENE	2.362	2.588	2.300	2.459	2.682	2.657	2.732	2.546	2.430	2.247	2.500	6.68
87)		1,3,5-TRIMETHY...	2.890	2.878	2.833	2.913	3.222	3.256	3.318	3.099	2.906	2.644	2.996	7.24
88)		4-CHLOROTOLUENE	2.801	2.810	2.616	2.806	3.027	3.023	3.109	2.929	2.743	2.511	2.838	6.65
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.080	2.432	1.988	2.204	2.316	2.301	2.289	2.180	2.121	2.039	2.195	6.39

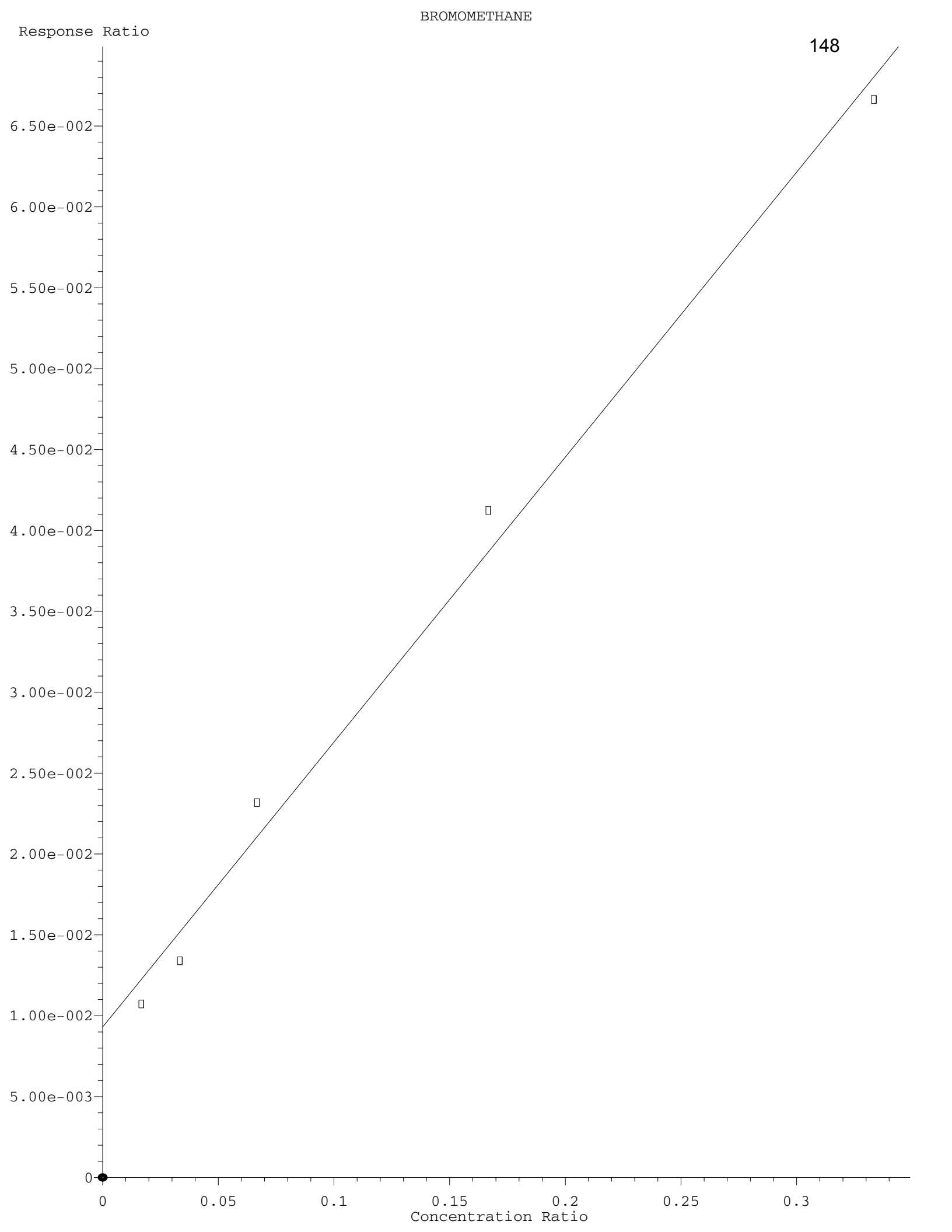
91)	1,2,4-TRIMETHY...	2.715	2.977	2.749	2.877	3.160	3.155	3.076	2.919	2.797	2.629	2.905	6.40
92)	SEC-BUTYLBENZENE	2.739	2.963	2.638	2.873	3.122	3.180	3.055	2.925	2.831	2.696	2.902	6.27
93)	1,3-DICHLOROBE...	1.479	1.704	1.529	1.614	1.770	1.743	1.724	1.648	1.629	1.573	1.641	5.82
94)	P-ISOPROPYLTOL...	2.280	2.544	2.342	2.614	2.770	2.781	2.722	2.549	2.437	2.259	2.530	7.74
95)	1,4-DICHLOROBE...	1.840	1.911	1.667	1.796	1.895	1.902	1.885	1.756	1.702	1.575	1.793	6.44
96)	N-BUTYLBENZENE		1.702	1.537	2.000	2.317	2.380	2.389	2.254	2.209	2.121	2.101	14.39
97)	1,2-DICHLOROBE...	1.499	1.544	1.488	1.547	1.716	1.721	1.729	1.601	1.604	1.526	1.597	5.86
98)	1,2-DIBROMO-3-...			0.051	0.065	0.091	0.090	0.120	0.107	0.135	0.131	0.099	0.998LR
99)	1,3,5-TRICHLOR...	0.409	0.330	0.438	0.673	0.957	1.037	1.075	1.082	1.075	1.052	0.813	1.000LR
100)	1,2,4-TRICHLOR...			0.017	0.156	0.512	0.625	0.871	0.843	0.921	0.897	0.605	0.999LR
101)	HEXACHLOROBUTA...				0.318	0.372	0.390	0.391	0.390	0.384	0.397	0.377	7.24
102)	NAPHTHALENE				0.101	0.641	0.954	1.712	1.604	1.964	1.868	1.263	0.998LR
103)	1,2,3-TRICHLOR...				0.061	0.320	0.439	0.696	0.645	0.751	0.730	0.520	0.999LR

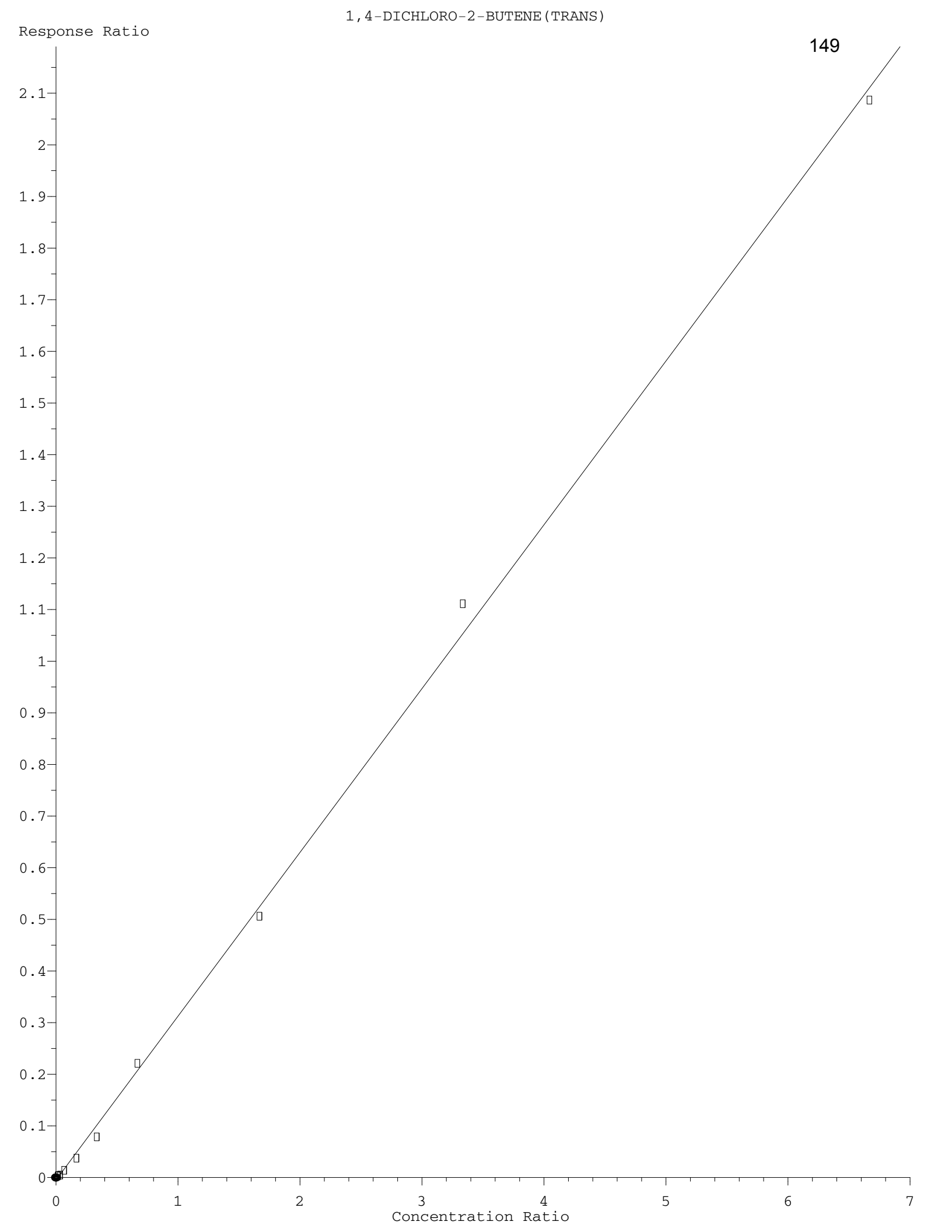
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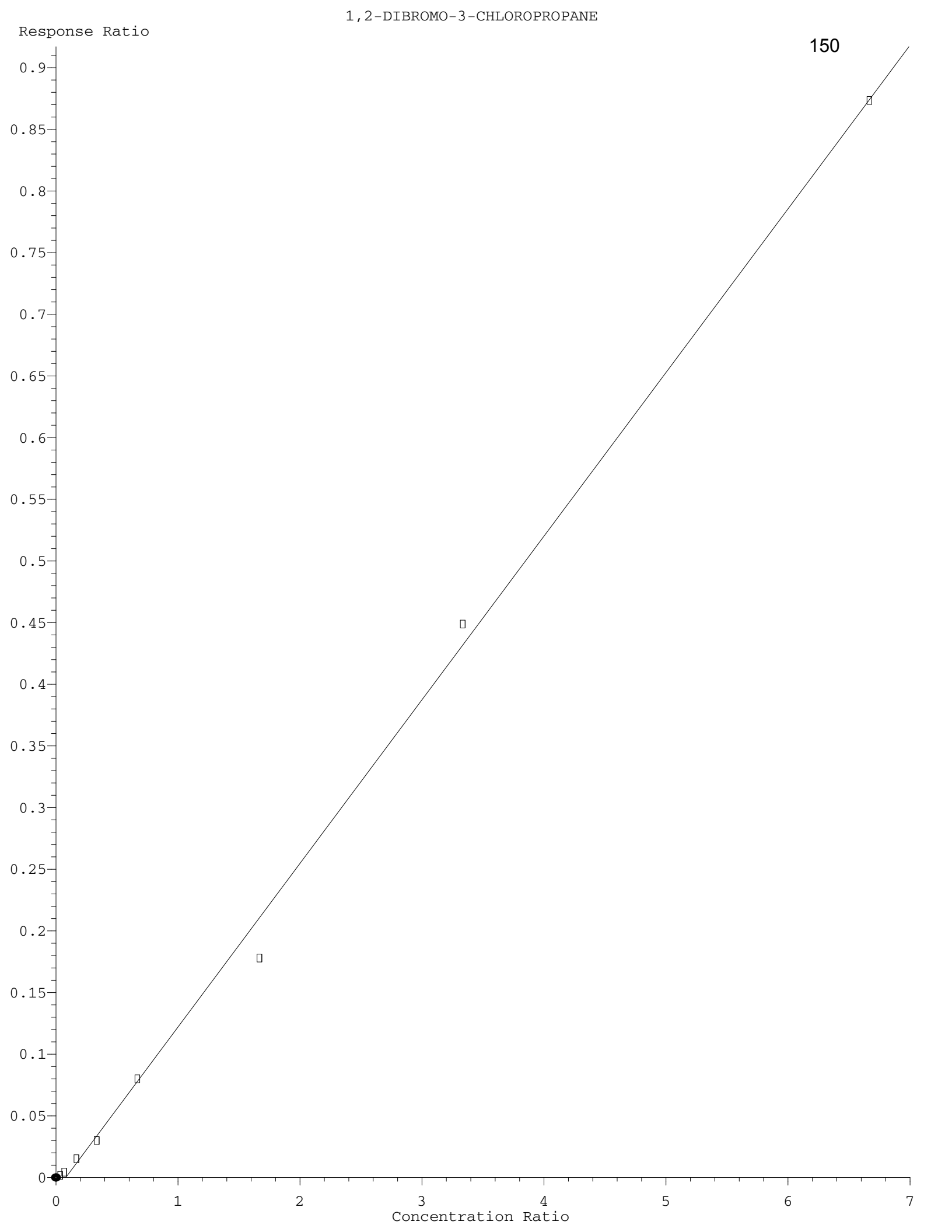
C0326W12.M Tue Apr 10 16:54:24 2012

DICHLORODIFLUOROMETHANE

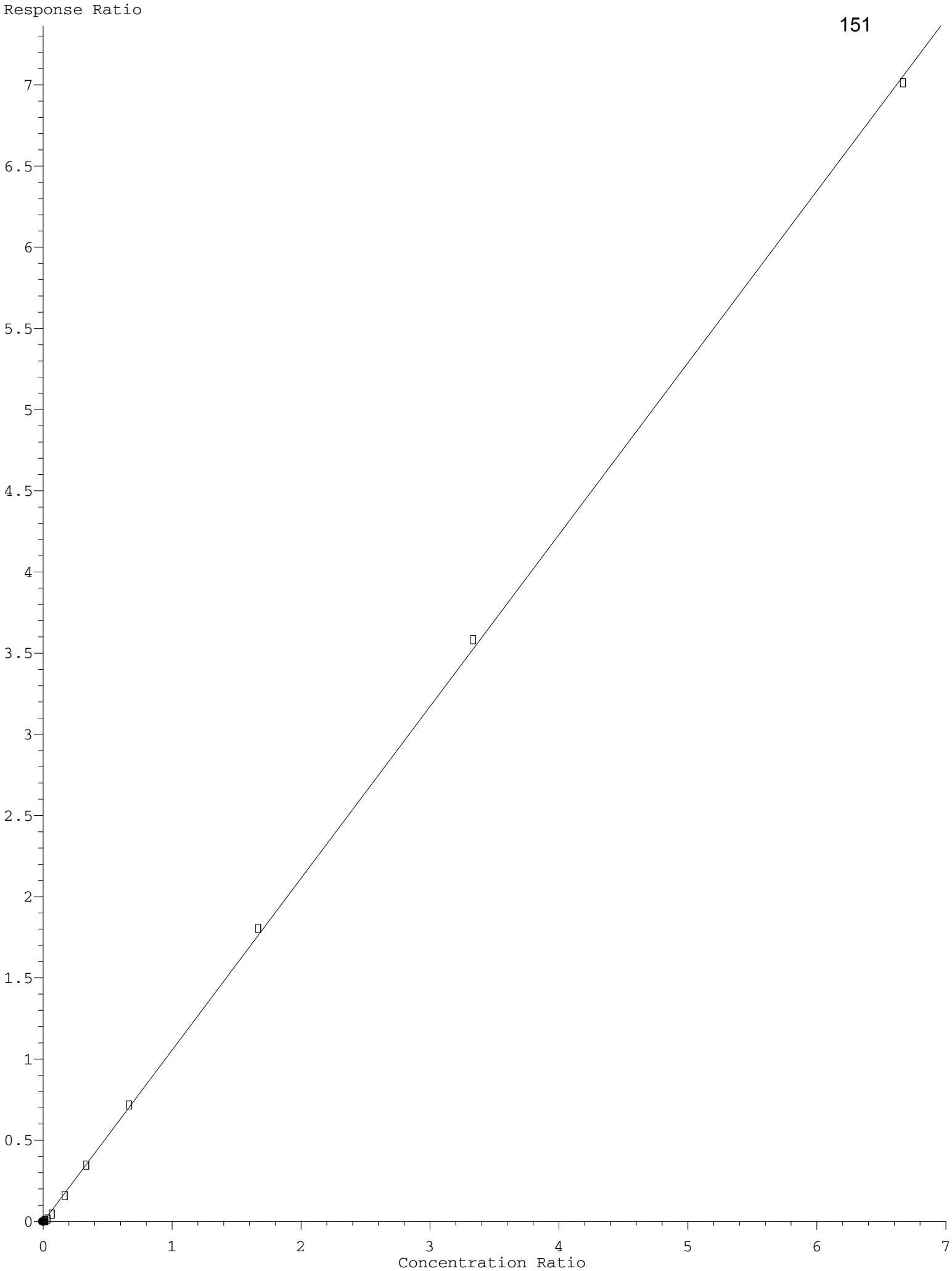


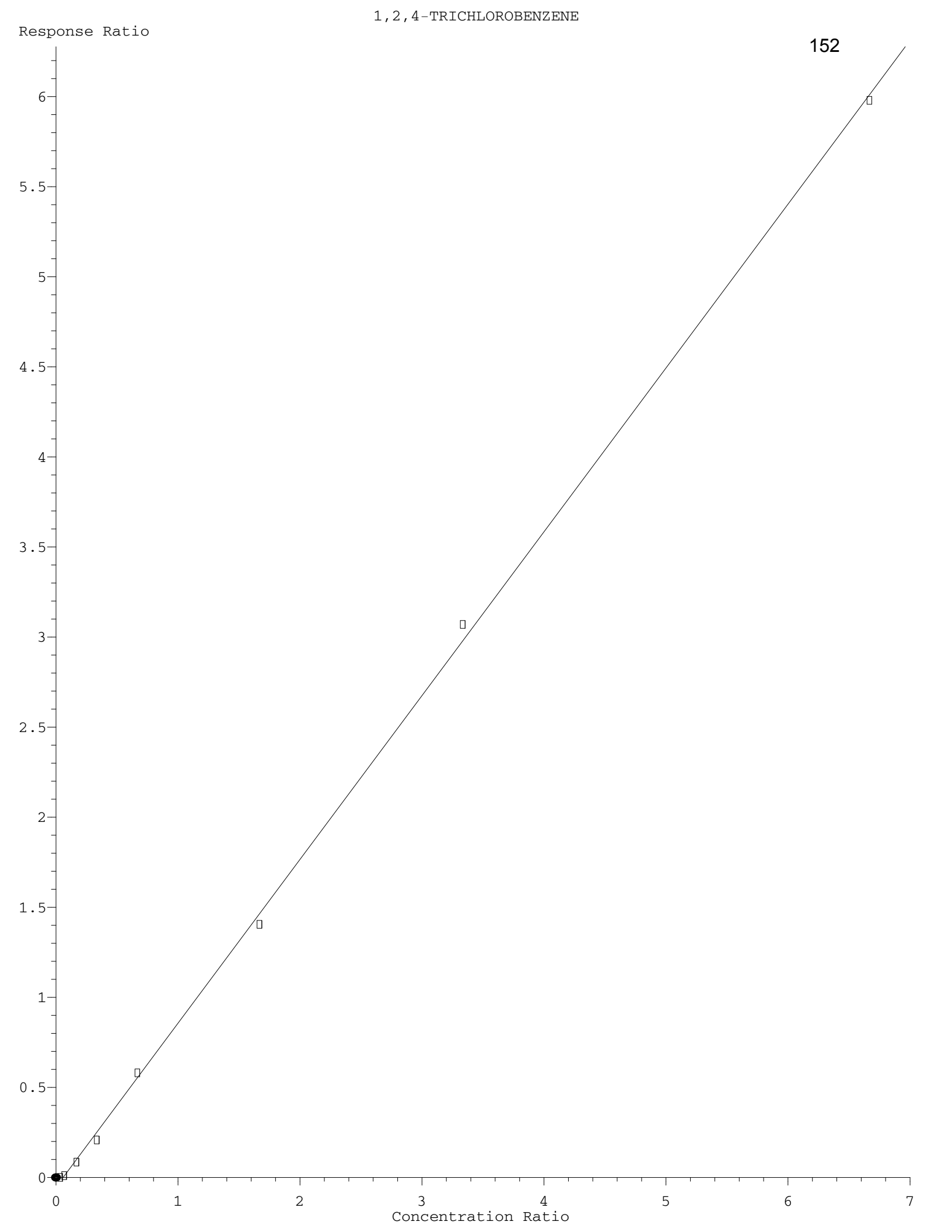

BROMOMETHANE
Response Ratio
148
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

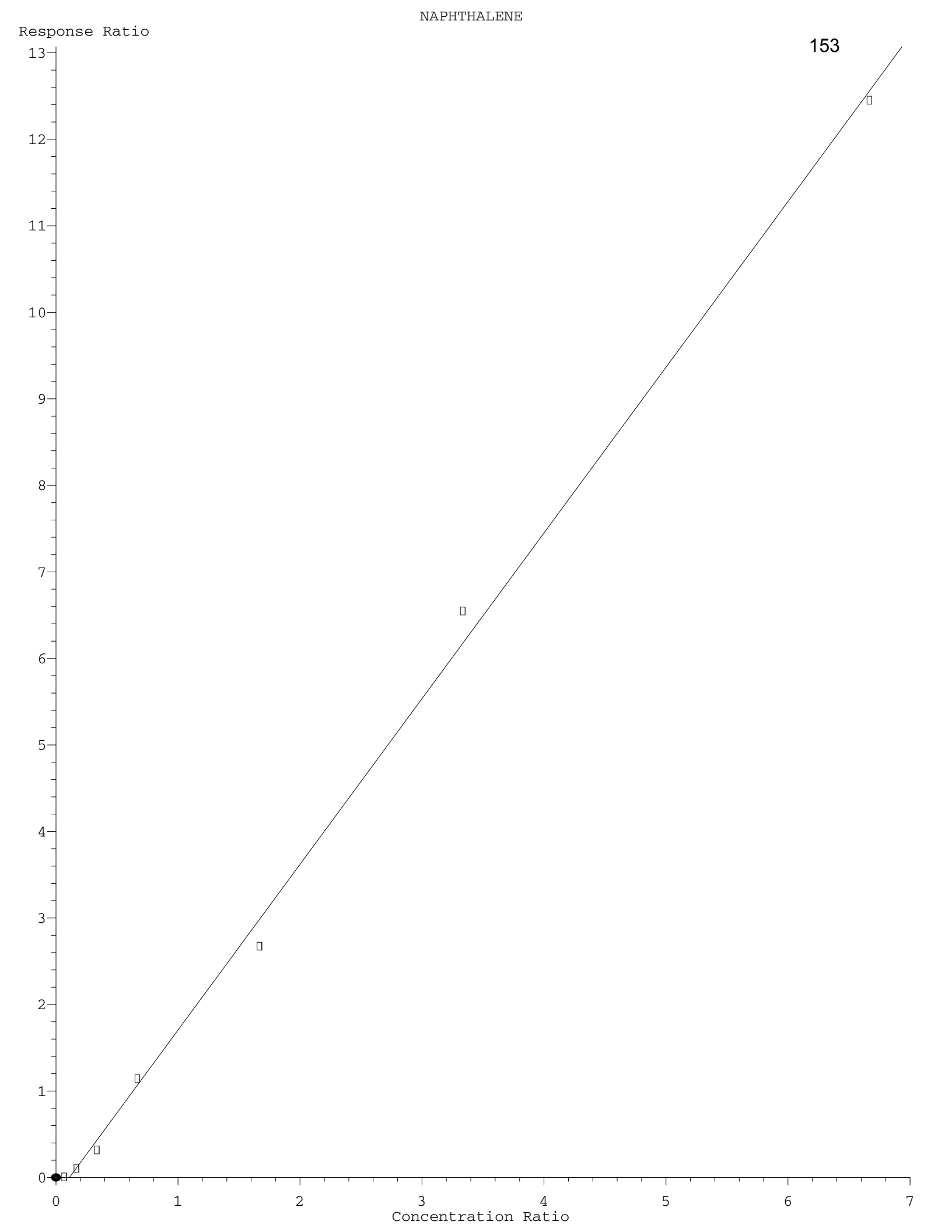

1,4-DICHLORO-2-BUTENE(TRANS)
Response Ratio
149
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
7
Concentration Ratio


1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
150
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
1
2
3
4
5
6
7
Concentration Ratio

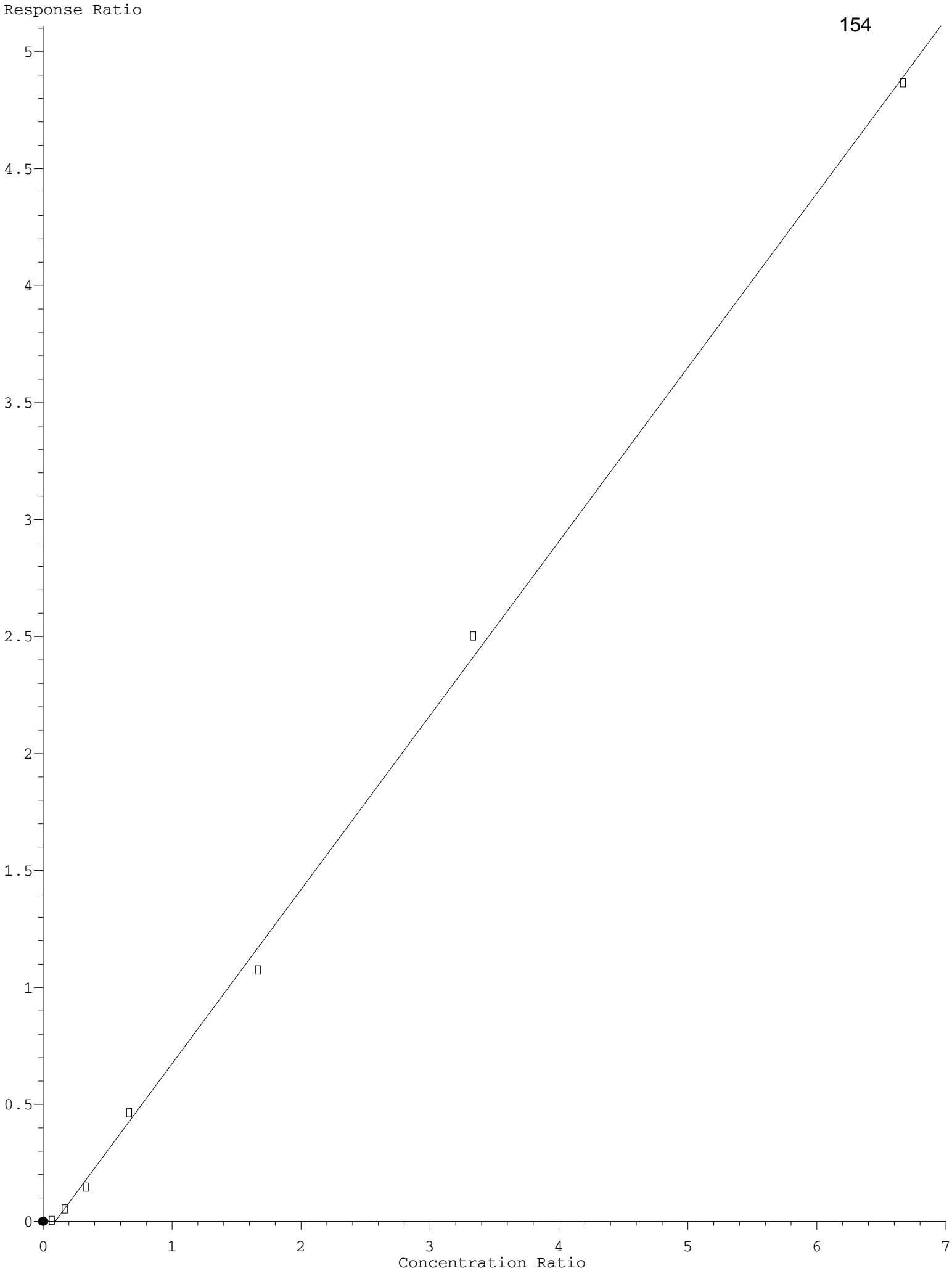
1,3,5-TRICHLOROBENZENE




1,2,4-TRICHLOROBENZENE
Response Ratio
152
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio


NAPHTHALENE
Response Ratio
153
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

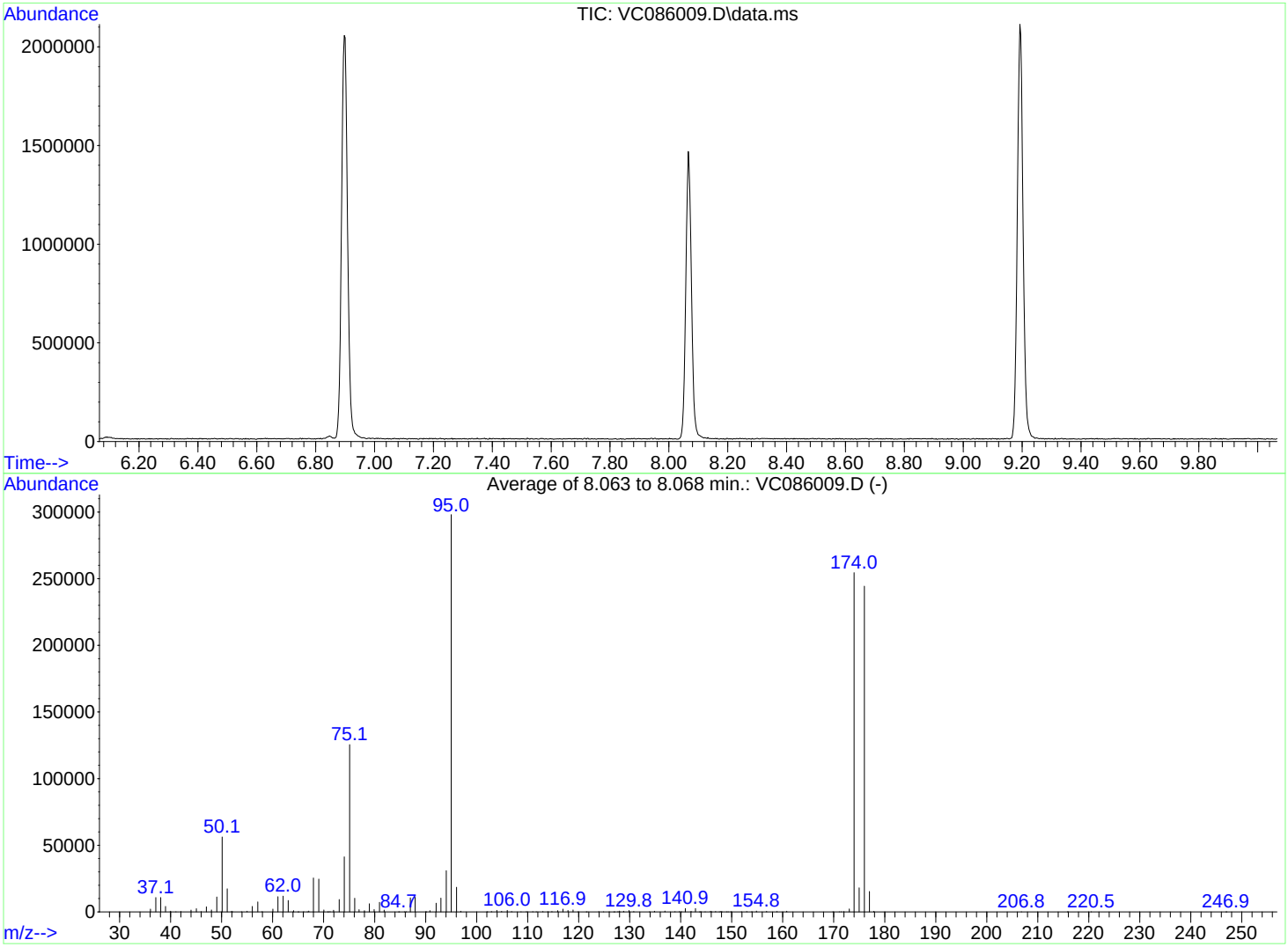
1,2,3-TRICHLOROBENZENE



Data Path : X:\1\DATA\032612\
Data File : VC086009.D
Acq On : 26 Mar 2012 9:51 am
Operator :
Sample : BFB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0326W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.9	56264	PASS
75	95	30	60	42.1	125496	PASS
95	95	100	100	100.0	298077	PASS
96	95	5	9	6.2	18456	PASS
173	174	0.00	2	0.9	2180	PASS
174	95	50	100	85.4	254570	PASS
175	174	5	9	7.1	18122	PASS
176	174	95	101	96.0	244373	PASS
177	176	5	9	6.3	15287	PASS

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	626361	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	982508	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	508911	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	524310	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	252096	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.486	98	905759	23.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.32%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	416219	27.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	6013	0.37	UG/L		90
4) DIFLUOROCHLOROMETHANE	0.840	51	7492	0.45	UG/L		99
5) CHLOROMETHANE	0.910	50	4144	0.40	UG/L		95
6) VINYL CHLORIDE	0.958	62	3892	0.26	UG/L	#	86
7) BROMOMETHANE	1.103	94	4633	0.15	UG/L		81
8) CHLOROETHANE	1.142	64	2165	0.29	UG/L		92
9) FLUORODICHLOROMETHANE	1.228	67	6019	0.24	UG/L		92
10) TRICHLOROFLUOROMETHANE	1.250	101	5274	0.24	UG/L		85
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	3544	0.37	UG/L	#	76
13) ACROLEIN	1.457	56	4643	54.72	UG/L	#	58
14) ACETONE	1.535	43	12336	4.50	UG/L		95
15) 1,1-DICHLOROETHENE	1.501	61	4641	0.21	UG/L	#	72
16) 1,1,2-TRICL-1,2,2-TRIF...	1.490	101	2662m	0.25	UG/L		
17) IODOMETHANE	1.585	142	21452	6.60	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	0.000		0	N.D.	d		
21) T-BUTYL ALCOHOL	0.000		0	N.D.	d		
22) ACRYLONITRILE	1.920	53	2653	0.76	UG/L		92
23) METHYLENE CHLORIDE	1.763	49	26672	1.57	UG/L		95
24) CARBON DISULFIDE	1.618	76	80084	2.16	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	13377	0.45	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7933	0.39	UG/L	#	67
27) 1,1-DICHLOROETHANE	2.224	63	9669	0.40	UG/L	#	95
28) VINYL ACETATE	2.271	43	136635	6.52	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	18983	0.56	UG/L		90
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	25481	6.16	UG/L	#	73
32) T-BUTYL ETHYL ETHER	2.592	59	15795	0.42	UG/L	#	90
33) CIS-1,2-DICHLOROETHENE	2.714	61	8985	0.36	UG/L	#	75
34) 2,2-DICHLOROPROPANE	2.706	77	6735m	0.41	UG/L		
35) ETHYL ACETATE	2.812	43	8643	0.77	UG/L	#	74
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	5788	0.54	UG/L	#	79
39) TETRAHYDROFURAN	0.000		0	N.D.	d		
40) CHLOROFORM	3.029	83	9666m	0.39	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.211	97	7854	0.36	UG/L	#	78
42) CYCLOHEXANE	3.272	56	19510	0.98	UG/L	#	57
43) CARBON TETRACHLORIDE	3.381	117	5758m	0.35	UG/L		
44) 1,1-DICHLOROPROPENE	3.381	75	6822	0.36	UG/L	#	86
45) BENZENE	3.587	78	20149	0.41	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

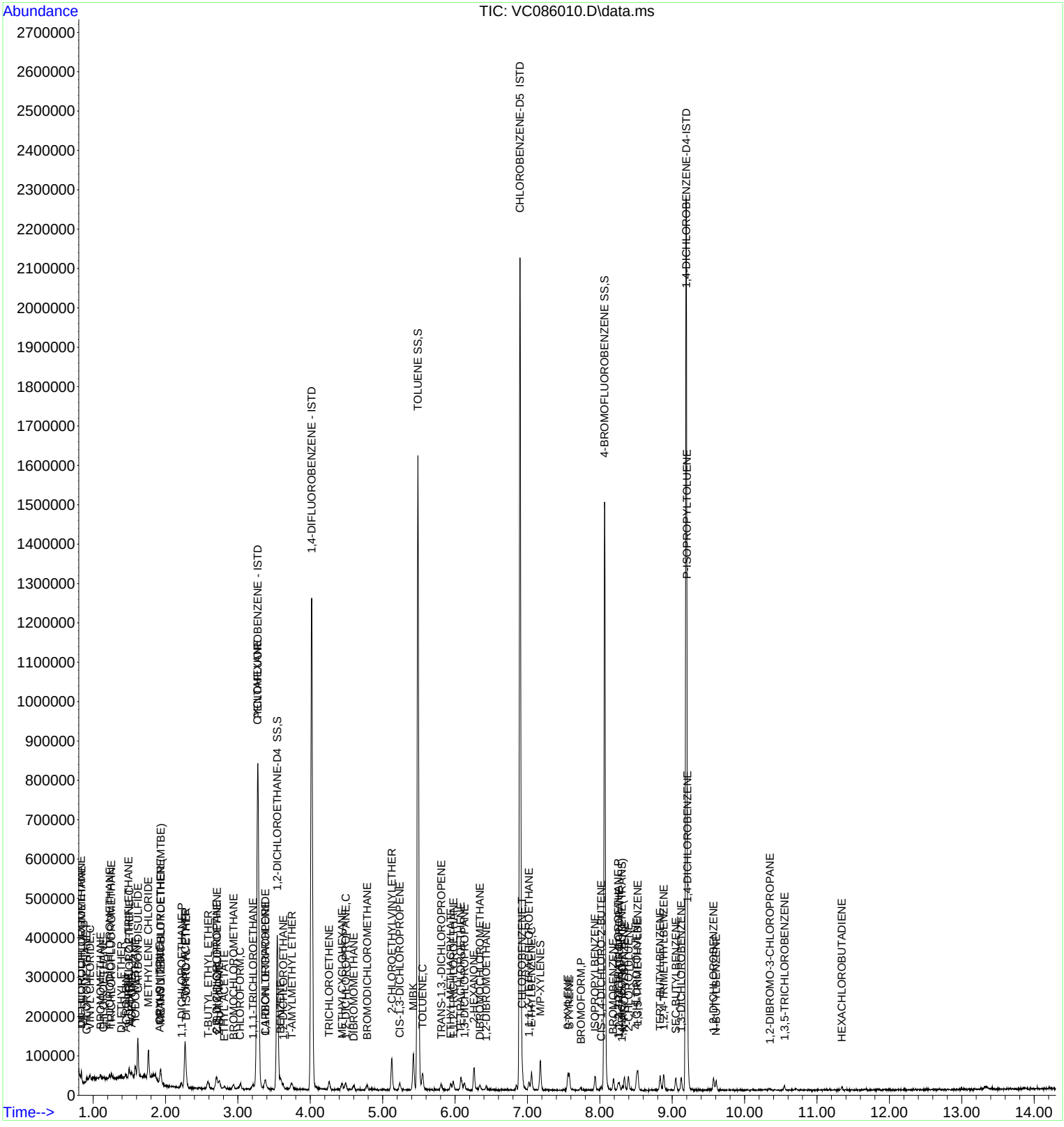
Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	0.000		0	N.D. d	
47) T-AMYLMETHYL ETHER	3.746	73	13347	0.44 UG/L #	75
50) 1,2-DICHLOROETHANE	3.626	62	8096	0.31 UG/L #	84
51) TRICHLOROETHENE	4.259	95	5911	0.41 UG/L	95
52) METHYLCYCLOHEXANE	4.441	83	6667m	0.44 UG/L	
53) 1,2-DICHLOROPROPANE	4.491	63	6157	0.47 UG/L #	76
54) DIBROMOMETHANE	4.599	93	3939	0.42 UG/L	91
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	0.000		0	N.D.	
57) BROMODICHLOROMETHANE	4.786	83	7071	0.36 UG/L #	94
58) 2-CHLOROETHYLVINYLETHER	5.127	63	28232	4.00 UG/L	89
59) MIBK	5.422	43	53793	5.66 UG/L #	89
60) CIS-1,3-DICHLOROPROPENE	5.235	75	7906	0.40 UG/L #	90
61) TOLUENE	5.550	91	22031	0.40 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	6444	0.42 UG/L #	55
63) ETHYL METHACRYLATE	5.938	69	6990	0.25 UG/L	88
64) 1,1,2-TRICHLOROETHANE	5.977	97	5219	0.46 UG/L	98
65) 2-HEXANONE	6.261	43	33983	5.23 UG/L	94
66) TETRACHLOROETHENE	6.077	166	6450	0.47 UG/L	92
67) 1,3-DICHLOROPROPANE	6.130	76	7894	0.40 UG/L	93
68) DIBROMOCHLOROMETHANE	6.342	129	4473	0.36 UG/L	99
69) 1,2-DIBROMOETHANE	6.429	107	5363	0.45 UG/L	98
72) CHLOROBENZENE	6.925	112	14916	0.49 UG/L #	81
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	4266	0.45 UG/L	95
74) ETHYLBENZENE	7.056	91	24296	0.44 UG/L #	88
75) M/P-XYLENES	7.179	91	37631	0.86 UG/L	99
76) 0-XYLENE	7.558	91	19244	0.45 UG/L	98
77) STYRENE	7.581	104	15867	0.46 UG/L	91
78) BROMOFORM	7.739	173	2160	0.38 UG/L #	79
79) ISOPROPYLBENZENE	7.932	105	21218	0.44 UG/L	95
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	2371	0.56 UG/L #	35
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	6155	0.52 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.306	53	1436	0.38 UG/L	90
83) BROMOBENZENE	8.186	77	10264	0.45 UG/L	94
84) 1,2,3-TRICHLOROPROPANE	8.269	75	5159	0.49 UG/L #	77
85) N-PROPYLBENZENE	8.339	91	22821	0.43 UG/L	92
86) 2-CHLOROT0LUENE	8.398	91	16024	0.44 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	19610	0.44 UG/L	93
88) 4-CHLOROTOLUENE	8.509	91	19006	0.44 UG/L	93
90) TERT-BUTYLBENZENE	8.833	119	14542	0.41 UG/L	84
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	18981	0.36 UG/L	87
92) SEC-BUTYLBENZENE	9.050	105	19148	0.38 UG/L	97
93) 1,3-DICHLOROBENZENE	9.125	146	10336	0.40 UG/L	96
94) P-ISOPROPYLTOLUENE	9.204	119	15937	0.38 UG/L #	89
95) 1,4-DICHLOROBENZENE	9.212	146	12862	0.43 UG/L	91
96) N-BUTYLBENZENE	9.608	91	10465	0.27 UG/L	93
97) 1,2-DICHLOROBENZENE	9.572	146	10476	0.41 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.350	75	613m	0.26 UG/L	
99) 1,3,5-TRICHLOROBENZENE	10.553	180	2862m	0.16 UG/L	
100) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.	
101) HEXACHLOROBUTADIENE	11.342	225	1507	0.23 UG/L #	45
102) NAPHTHALENE	0.000		0	N.D.	
103) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086010.D
Acq On : 26 Mar 2012 10:21 am
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 14:51:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.277	168	611175	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	970401	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	500452	30.00 UG/L #	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507090	30.00 UG/L #	0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	239076	15.21 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.84%#		
49) TOLUENE SS	5.489	98	890164	23.21 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.84%		
71) 4-BROMOFLUOROBENZENE SS	8.066	95	413502	27.37 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	7368	0.47 UG/L	94
4) DIFLUOROCHLOROMETHANE	0.840	51	10217	0.62 UG/L	100
5) CHLOROMETHANE	0.913	50	5687	0.56 UG/L	92
6) VINYL CHLORIDE	0.960	62	5276	0.36 UG/L #	85
7) BROMOMETHANE	1.102	94	6555	0.39 UG/L	89
8) CHLOROETHANE	1.144	64	3132	0.43 UG/L	90
9) FLUORODICHLOROMETHANE	1.233	67	8516	0.35 UG/L	96
10) TRICHLOROFLUOROMETHANE	1.259	101	8363	0.39 UG/L	96
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	3831	0.42 UG/L #	79
13) ACROLEIN	1.454	56	4986	61.80 UG/L #	1
14) ACETONE	1.529	43	12065	4.51 UG/L	97
15) 1,1-DICHLOROETHENE	1.504	61	6795	0.32 UG/L #	89
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	3487	0.33 UG/L #	75
17) IODOMETHANE	1.585	142	42233	7.58 UG/L	94
18) ACETONITRILE	0.000		0	N.D. d	
19) ALLYL CHLORIDE	0.000		0	N.D. d	
20) METHYL ACETATE	0.000		0	N.D. d	
21) T-BUTYL ALCOHOL	0.000		0	N.D. d	
22) ACRYLONITRILE	1.917	53	2735m	0.80 UG/L	
23) METHYLENE CHLORIDE	1.766	49	25882	1.56 UG/L	95
24) CARBON DISULFIDE	1.618	76	115312	3.19 UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	15128	0.52 UG/L #	81
26) TRANS 1,2-DICHLOROETHENE	1.931	61	10325	0.52 UG/L #	81
27) 1,1-DICHLOROETHANE	2.226	63	12879	0.55 UG/L #	81
28) VINYL ACETATE	2.271	43	157555	7.70 UG/L #	85
29) DI ISOPROYL ETHER	2.288	45	25771	0.78 UG/L #	82
30) CHLOROPRENE	0.000		0	N.D.	
31) 2-BUTANONE	2.739	43	26682	6.61 UG/L	96
32) T-BUTYL ETHYL ETHER	2.594	59	18310	0.49 UG/L #	85
33) CIS-1,2-DICHLOROETHENE	2.706	61	12904	0.53 UG/L #	91
34) 2,2-DICHLOROPROPANE	2.700	77	8021	0.50 UG/L	96
35) ETHYL ACETATE	2.806	43	9813	0.90 UG/L #	84
36) PROPIONITRILE	0.000		0	N.D.	
37) METHACRYLONITRILE	0.000		0	N.D. d	
38) BROMOCHLOROMETHANE	2.940	49	7094	0.68 UG/L #	77
39) TETRAHYDROFURAN	0.000		0	N.D. d	
40) CHLOROFORM	3.043	83	11219	0.47 UG/L #	57
41) 1,1,1-TRICHLOROETHANE	3.213	97	11189	0.52 UG/L #	84
42) CYCLOHEXANE	3.272	56	23527m	1.21 UG/L	
43) CARBON TETRACHLORIDE	3.372	117	8134	0.51 UG/L	92
44) 1,1-DICHLOROPROPENE	3.389	75	8811m	0.47 UG/L	
45) BENZENE	3.595	78	26687	0.56 UG/L #	1

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

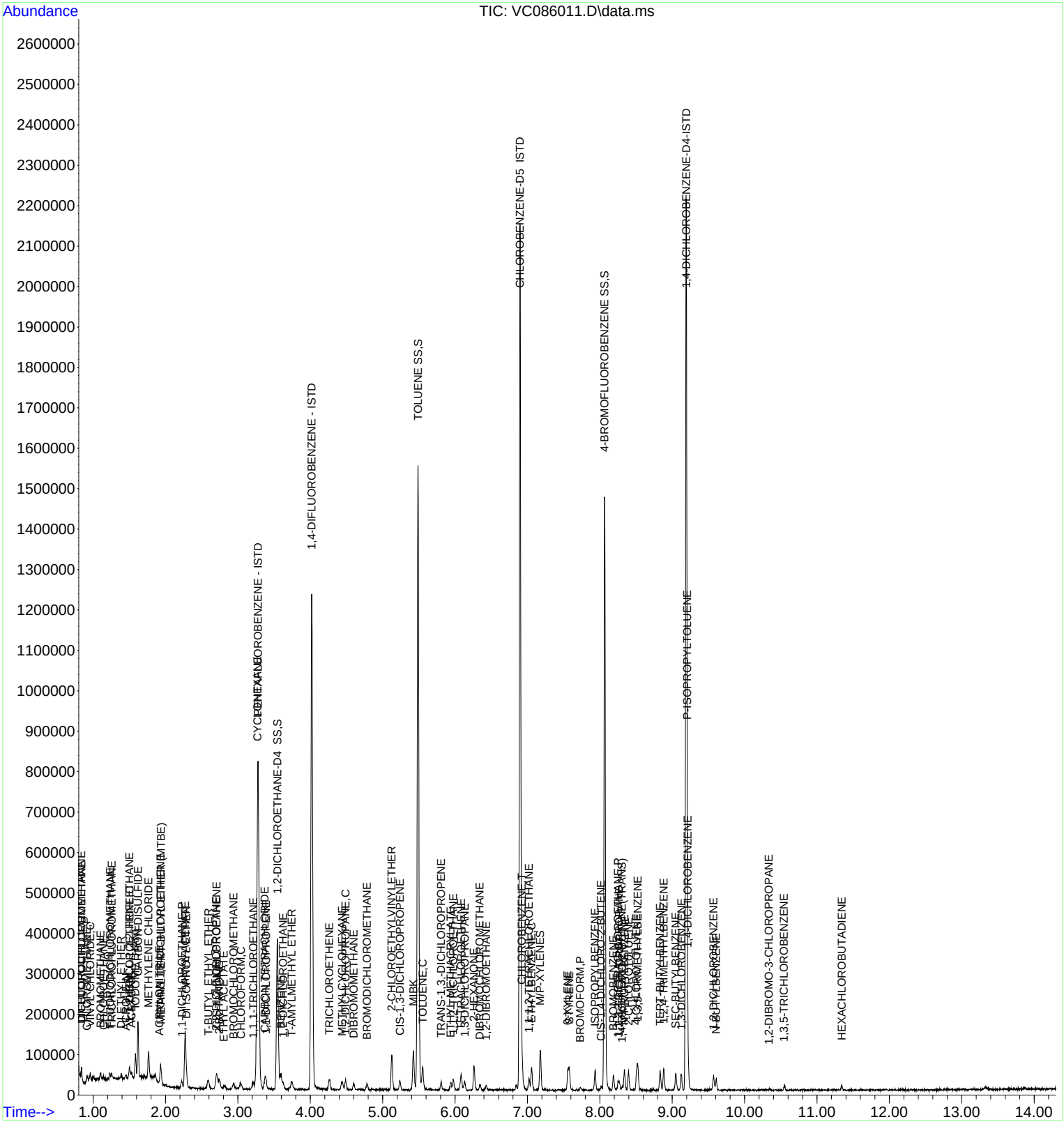
Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.740	73	15720	0.53 UG/L		98
50)	1,2-DICHLOROETHANE	3.623	62	10611	0.41 UG/L	#	84
51)	TRICHLOROETHENE	4.262	95	7806	0.55 UG/L		91
52)	METHYLCYCLOHEXANE	4.440	83	8293	0.55 UG/L	#	95
53)	1,2-DICHLOROPROPANE	4.488	63	7505	0.58 UG/L	#	89
54)	DIBROMOMETHANE	4.602	93	4874	0.52 UG/L	#	81
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	0.000		0	N.D.		
57)	BROMODICHLOROMETHANE	4.783	83	7468	0.38 UG/L	#	86
58)	2-CHLOROETHYLVINYLETHER	5.124	63	31800	4.57 UG/L		84
59)	MIBK	5.425	43	60841	6.48 UG/L	#	91
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	9364	0.48 UG/L	#	83
61)	TOLUENE	5.553	91	30723	0.56 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	7508	0.49 UG/L	#	82
63)	ETHYL METHACRYLATE	5.941	69	7838	0.29 UG/L	#	26
64)	1,1,2-TRICHLOROETHANE	5.974	97	6572	0.58 UG/L		96
65)	2-HEXANONE	6.261	43	36119	5.63 UG/L		90
66)	TETRACHLOROETHENE	6.083	166	7844	0.58 UG/L		97
67)	1,3-DICHLOROPROPANE	6.136	76	9783	0.50 UG/L		99
68)	DIBROMOCHLOROMETHANE	6.339	129	5615	0.46 UG/L		95
69)	1,2-DIBROMOETHANE	6.429	107	6333	0.53 UG/L		97
72)	CHLOROBENZENE	6.922	112	21029	0.70 UG/L	#	83
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	5736	0.61 UG/L		93
74)	ETHYLBENZENE	7.056	91	33568	0.62 UG/L		98
75)	M/P-XYLENES	7.176	91	52390	1.22 UG/L		97
76)	0-XYLENE	7.555	91	25656	0.61 UG/L		98
77)	STYRENE	7.580	104	21336	0.62 UG/L		87
78)	BROMOFORM	7.728	173	2514	0.45 UG/L	#	87
79)	ISOPROPYLBENZENE	7.932	105	29529	0.63 UG/L		96
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	2260	0.55 UG/L	#	68
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	7156	0.61 UG/L	#	96
82)	1,4-DICHLORO-2-BUTENE(...	8.305	53	2012m	0.55 UG/L		
83)	BROMOBENZENE	8.188	77	12820	0.57 UG/L		93
84)	1,2,3-TRICHLOROPROPANE	8.266	75	5303	0.51 UG/L		88
85)	N-PROPYLBENZENE	8.342	91	32069	0.61 UG/L		98
86)	2-CHLOROT0LUENE	8.397	91	21586	0.60 UG/L	#	88
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	24008	0.54 UG/L		89
88)	4-CHLOROTOLUENE	8.506	91	23437	0.55 UG/L		91
90)	TERT-BUTYLBENZENE	8.832	119	20552	0.59 UG/L		83
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	25163	0.50 UG/L		91
92)	SEC-BUTYLBENZENE	9.047	105	25038	0.52 UG/L		93
93)	1,3-DICHLOROBENZENE	9.128	146	14399	0.58 UG/L		98
94)	P-ISOPROPYLTOLUENE	9.206	119	21504	0.52 UG/L	#	91
95)	1,4-DICHLOROBENZENE	9.214	146	16149	0.56 UG/L	#	92
96)	N-BUTYLBENZENE	9.605	91	14386	0.39 UG/L		93
97)	1,2-DICHLOROBENZENE	9.571	146	13052	0.53 UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.336	75	479m	0.21 UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.545	180	2793	0.16 UG/L		89
100)	1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
101)	HEXACHLOROBUTADIENE	11.342	225	1987	0.32 UG/L	#	45
102)	NAPHTHALENE	0.000		0	N.D.		
103)	1,2,3-TRICHLOROBENZENE	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086011.D
Acq On : 26 Mar 2012 10:52 am
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 14:54:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	623908	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	976002	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	505602	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	513719	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	237935	14.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.32%#				
49) TOLUENE SS	5.489	98	893505	23.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.68%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	411333	26.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.840	85	8341	0.52	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.843	51	13239	0.79	UG/L	#	91
5) CHLOROMETHANE	0.913	50	6405	0.62	UG/L		94
6) VINYL CHLORIDE	0.963	62	7838	0.53	UG/L		99
7) BROMOMETHANE	1.100	94	8357	0.58	UG/L		93
8) CHLOROETHANE	1.144	64	4403	0.60	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	13545	0.54	UG/L	#	80
10) TRICHLOROFLUOROMETHANE	1.259	101	12144	0.55	UG/L		94
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.390	59	6857	0.73	UG/L		97
13) ACROLEIN	1.456	56	10746	147.95	UG/L	#	1
14) ACETONE	1.535	43	19211	7.04	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	11640	0.54	UG/L		87
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	5940	0.55	UG/L	#	79
17) IODOMETHANE	1.585	142	88032	9.62	UG/L		94
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	6111	0.47	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	6117m	8.01	UG/L		
22) ACRYLONITRILE	1.919	53	5126	1.48	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	32074	1.89	UG/L		89
24) CARBON DISULFIDE	1.621	76	194203	5.27	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	26760	0.91	UG/L	#	89
26) TRANS 1,2-DICHLOROETHENE	1.933	61	18597	0.91	UG/L	#	87
27) 1,1-DICHLOROETHANE	2.221	63	22948	0.96	UG/L		98
28) VINYL ACETATE	2.271	43	290281	13.90	UG/L	#	95
29) DI ISOPROYL ETHER	2.288	45	42561	1.26	UG/L	#	64
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	49393	11.99	UG/L		95
32) T-BUTYL ETHYL ETHER	2.591	59	35024	0.93	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	21659	0.87	UG/L	#	77
34) 2,2-DICHLOROPROPANE	2.703	77	14958	0.91	UG/L	#	88
35) ETHYL ACETATE	2.815	43	14004	1.26	UG/L	#	85
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	12615	1.18	UG/L		97
39) TETRAHYDROFURAN	2.993	42	4240m	1.85	UG/L		
40) CHLOROFORM	3.035	83	21825	0.89	UG/L		95
41) 1,1,1-TRICHLOROETHANE	3.208	97	18205	0.83	UG/L		97
42) CYCLOHEXANE	3.266	56	30185m	1.53	UG/L		
43) CARBON TETRACHLORIDE	3.372	117	11599	0.71	UG/L		88
44) 1,1-DICHLOROPROPENE	3.378	75	16187	0.85	UG/L	#	84
45) BENZENE	3.593	78	49038	1.01	UG/L	#	1

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

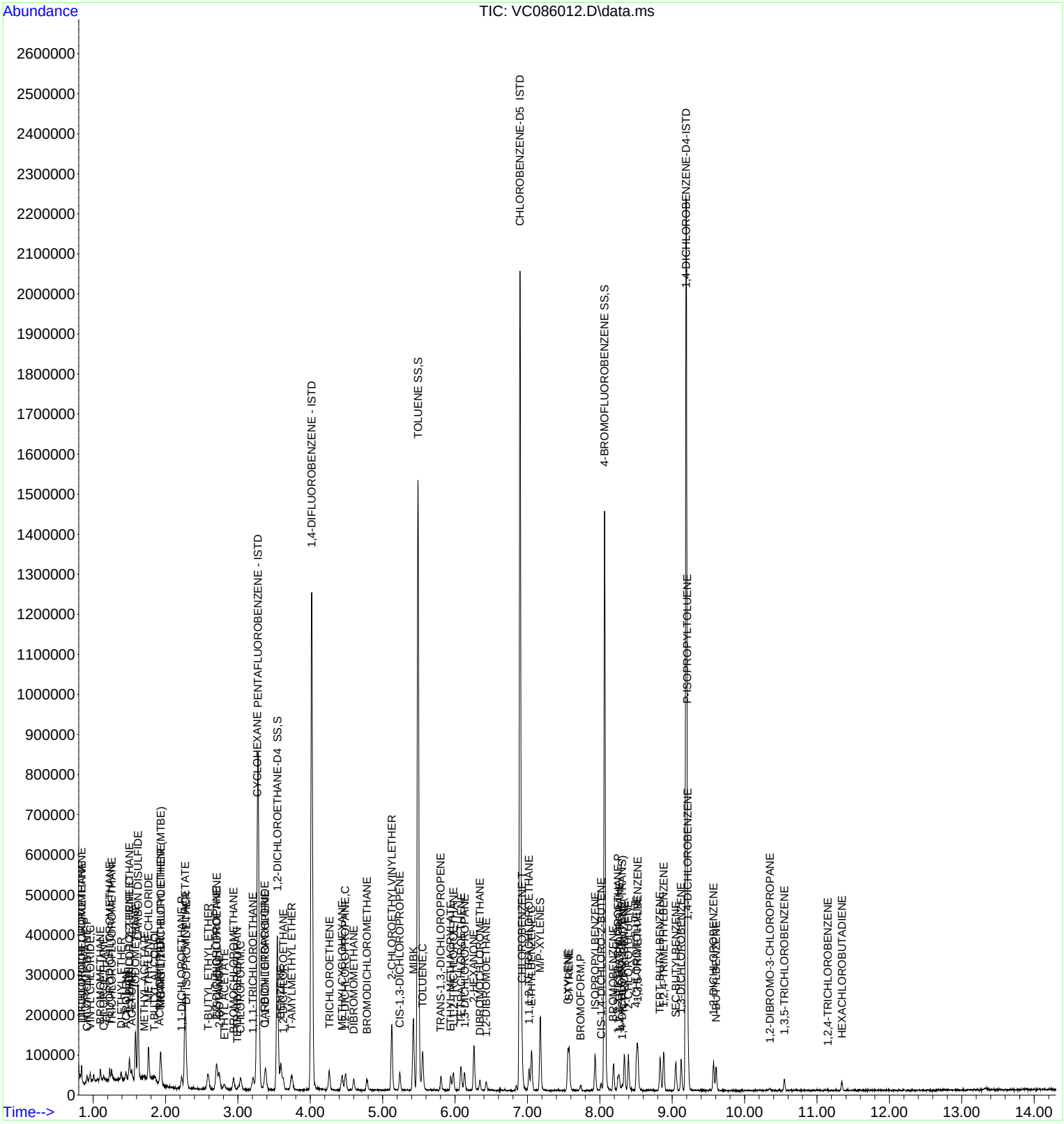
Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.740	73	27821	0.92 UG/L		99
50)	1,2-DICHLOROETHANE	3.626	62	18345	0.70 UG/L		98
51)	TRICHLOROETHENE	4.265	95	13182	0.92 UG/L		85
52)	METHYLCYCLOHEXANE	4.438	83	14309	0.94 UG/L	#	65
53)	1,2-DICHLOROPROPANE	4.482	63	13481	1.03 UG/L	#	91
54)	DIBROMOMETHANE	4.599	93	7987	0.85 UG/L	#	83
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	0.000		0	N.D.		
57)	BROMODICHLOROMETHANE	4.783	83	14871	0.76 UG/L	#	97
58)	2-CHLOROETHYLVINYLETHER	5.126	63	57542	8.22 UG/L		87
59)	MIBK	5.425	43	111657	11.82 UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.235	75	18248	0.94 UG/L		92
61)	TOLUENE	5.550	91	56763	1.03 UG/L		97
62)	TRANS-1,3,-DICHLOROPRO...	5.801	75	14214	0.92 UG/L	#	91
63)	ETHYL METHACRYLATE	5.938	69	15185	0.55 UG/L	#	94
64)	1,1,2-TRICHLOROETHANE	5.977	97	11627	1.03 UG/L		98
65)	2-HEXANONE	6.259	43	65014	10.07 UG/L		93
66)	TETRACHLOROETHENE	6.083	166	14492	1.07 UG/L		99
67)	1,3-DICHLOROPROPANE	6.133	76	18934	0.96 UG/L		98
68)	DIBROMOCHLOROMETHANE	6.342	129	9724	0.79 UG/L		95
69)	1,2-DIBROMOETHANE	6.429	107	11981	1.00 UG/L		90
72)	CHLOROBENZENE	6.925	112	35700	1.18 UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	10266	1.08 UG/L	#	90
74)	ETHYLBENZENE	7.056	91	60344	1.10 UG/L		98
75)	M/P-XYLENES	7.176	91	94084	2.16 UG/L		98
76)	0-XYLENE	7.558	91	46000	1.08 UG/L		92
77)	STYRENE	7.578	104	41412	1.20 UG/L	#	84
78)	BROMOFORM	7.734	173	4615	0.81 UG/L	#	94
79)	ISOPROPYLBENZENE	7.934	105	51816	1.09 UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	3600	0.86 UG/L	#	66
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	12778	1.08 UG/L		96
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	2402	0.65 UG/L		98
83)	BROMOBENZENE	8.185	77	22207	0.98 UG/L	#	86
84)	1,2,3-TRICHLOROPROPANE	8.272	75	10521	1.00 UG/L		92
85)	N-PROPYLBENZENE	8.339	91	57971	1.10 UG/L		96
86)	2-CHLOROT0LUENE	8.395	91	38765	1.06 UG/L		92
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	47752	1.07 UG/L		97
88)	4-CHLOROTOLUENE	8.509	91	44095	1.03 UG/L		93
90)	TERT-BUTYLBENZENE	8.830	119	34050	0.97 UG/L		86
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	47067	0.92 UG/L		93
92)	SEC-BUTYLBENZENE	9.050	105	45172	0.92 UG/L	#	91
93)	1,3-DICHLOROBENZENE	9.122	146	26189	1.04 UG/L		97
94)	P-ISOPROPYLTOLUENE	9.206	119	40102	0.97 UG/L		96
95)	1,4-DICHLOROBENZENE	9.214	146	28553	0.98 UG/L	#	87
96)	N-BUTYLBENZENE	9.608	91	26312	0.70 UG/L		91
97)	1,2-DICHLOROBENZENE	9.571	146	25479	1.02 UG/L		95
98)	1,2-DIBROMO-3-CHLOROPR...	10.352	75	873m	0.38 UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.550	180	7506	0.42 UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.150	180	290m	0.02 UG/L		
101)	HEXACHLOROBUTADIENE	11.348	225	3996m	0.63 UG/L		
102)	NAPHTHALENE	0.000		0	N.D.		
103)	1,2,3-TRICHLOROBENZENE	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086012.D
Acq On : 26 Mar 2012 11:22 am
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 26 14:58:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	589195	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	911500	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	483760	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	501899	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	225365	14.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 59.48%#				
49) TOLUENE SS	5.489	98	842874	23.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398234	27.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	20873	1.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	30339	1.92	UG/L	#	90
5) CHLOROMETHANE	0.913	50	15179	1.56	UG/L		100
6) VINYL CHLORIDE	0.960	62	16974	1.21	UG/L		93
7) BROMOMETHANE	1.100	94	13654	1.29	UG/L		96
8) CHLOROETHANE	1.144	64	9220	1.32	UG/L	#	81
9) FLUORODICHLOROMETHANE	1.228	67	27491	1.16	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	26187	1.25	UG/L		100
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.384	59	12465	1.40	UG/L		92
13) ACROLEIN	1.454	56	19052	291.57	UG/L	#	1
14) ACETONE	1.529	43	39821	15.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.504	61	22574	1.10	UG/L	#	86
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	13020	1.28	UG/L		84
17) IODOMETHANE	1.585	142	200035	15.23	UG/L		93
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.705	43	11143	0.90	UG/L		96
21) T-BUTYL ALCOHOL	1.839	59	11010	15.27	UG/L	#	97
22) ACRYLONITRILE	1.920	53	8390	2.56	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	39871	2.49	UG/L		96
24) CARBON DISULFIDE	1.618	76	400074	11.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	54807	1.97	UG/L	#	90
26) TRANS 1,2-DICHLOROETHENE	1.931	61	37045	1.92	UG/L		89
27) 1,1-DICHLOROETHANE	2.224	63	44885	1.98	UG/L	#	95
28) VINYL ACETATE	2.268	43	586271	29.73	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	87665	2.75	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	99195	25.51	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	69396	1.94	UG/L		94
33) CIS-1,2-DICHLOROETHENE	2.706	61	44924	1.91	UG/L		88
34) 2,2-DICHLOROPROPANE	2.703	77	29674	1.91	UG/L		93
35) ETHYL ACETATE	2.809	43	26887	2.56	UG/L	#	91
36) PROPIONITRILE	0.000		0	N.D.			
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	26539	2.62	UG/L	#	73
39) TETRAHYDROFURAN	3.002	42	5715	2.64	UG/L	#	58
40) CHLOROFORM	3.038	83	43003	1.86	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.202	97	38022	1.83	UG/L		94
42) CYCLOHEXANE	3.261	56	49170m	2.63	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	27213	1.77	UG/L		99
44) 1,1-DICHLOROPROPENE	3.384	75	31293	1.74	UG/L	#	87
45) BENZENE	3.593	78	97385	2.11	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

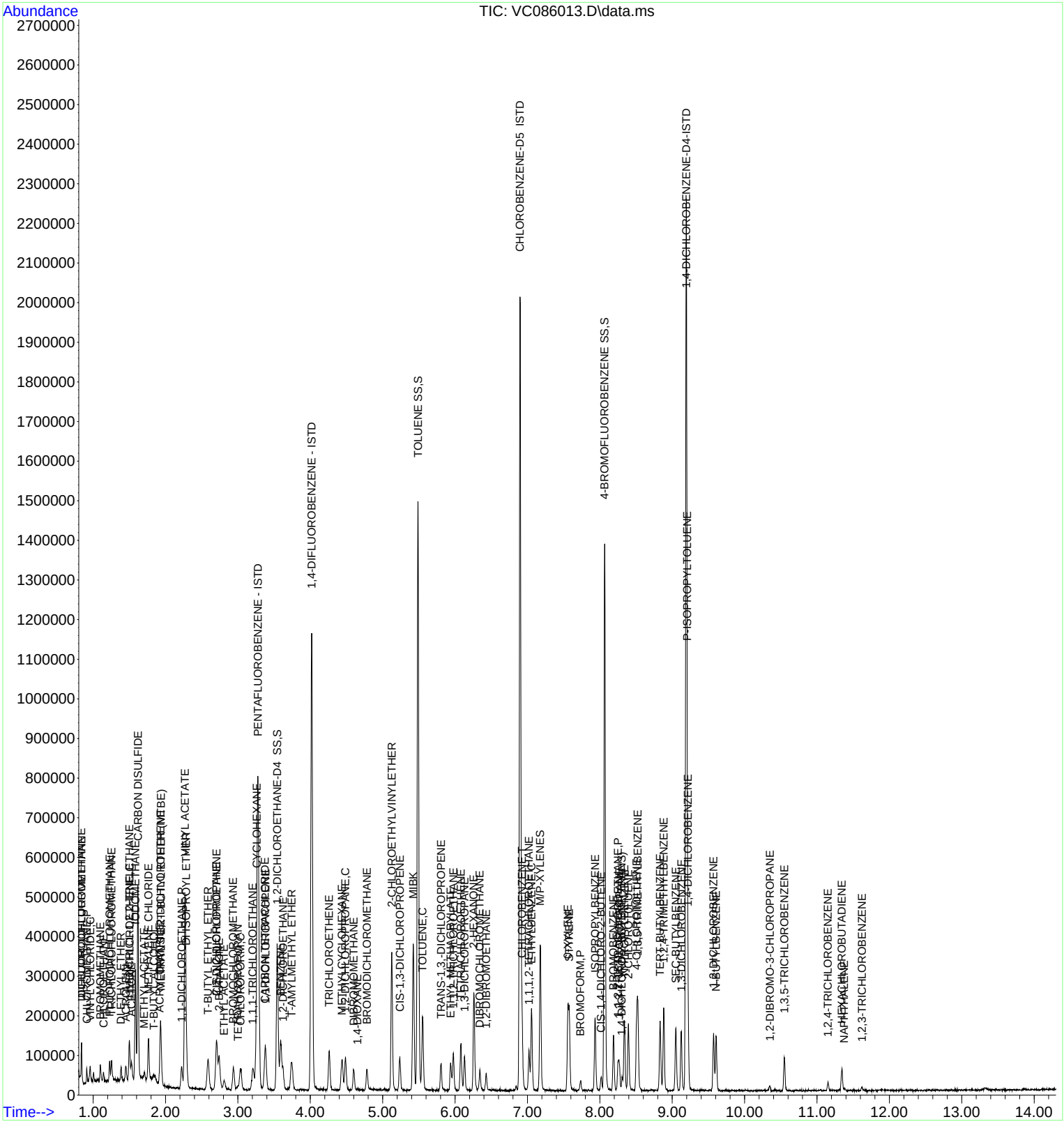
Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.743	73	59317m	2.07 UG/L		
50)	1,2-DICHLOROETHANE	3.623	62	35603	1.45 UG/L	#	88
51)	TRICHLOROETHENE	4.259	95	27496	2.06 UG/L		88
52)	METHYLCYCLOHEXANE	4.435	83	29278	2.07 UG/L		95
53)	1,2-DICHLOROPROPANE	4.485	63	26848	2.20 UG/L	#	90
54)	DIBROMOMETHANE	4.602	93	16355	1.86 UG/L	#	80
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	1188m	17.83 UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	28676	1.56 UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.126	63	125986	19.26 UG/L		91
59)	MIBK	5.422	43	227238	25.77 UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	36918	2.03 UG/L	#	91
61)	TOLUENE	5.550	91	113411	2.20 UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	28393	1.97 UG/L	#	87
63)	ETHYL METHACRYLATE	5.938	69	28372	1.10 UG/L		92
64)	1,1,2-TRICHLOROETHANE	5.977	97	22953	2.17 UG/L		97
65)	2-HEXANONE	6.259	43	144253	23.92 UG/L		92
66)	TETRACHLOROETHENE	6.080	166	30100	2.38 UG/L		95
67)	1,3-DICHLOROPROPANE	6.130	76	38249	2.08 UG/L		98
68)	DIBROMOCHLOROMETHANE	6.340	129	19122	1.65 UG/L		99
69)	1,2-DIBROMOETHANE	6.432	107	23153	2.07 UG/L		97
72)	CHLOROBENZENE	6.925	112	73782	2.55 UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	21198	2.33 UG/L		94
74)	ETHYLBENZENE	7.056	91	125772	2.40 UG/L		99
75)	M/P-XYLENES	7.173	91	188392	4.53 UG/L		96
76)	0-XYLENE	7.558	91	96039	2.36 UG/L		96
77)	STYRENE	7.578	104	81643	2.47 UG/L		88
78)	BROMOFORM	7.731	173	9900	1.82 UG/L	#	94
79)	ISOPROPYLBENZENE	7.935	105	105660	2.33 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.015	53	6714	1.68 UG/L	#	81
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	26245	2.32 UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.303	53	6769	1.90 UG/L	#	80
83)	BROMOBENZENE	8.188	77	45916	2.12 UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.269	75	19335	1.91 UG/L	#	82
85)	N-PROPYLBENZENE	8.342	91	123518	2.44 UG/L		97
86)	2-CHLOROT0LUENE	8.395	91	79300	2.27 UG/L		93
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	93962	2.20 UG/L		89
88)	4-CHLOROTOLUENE	8.509	91	90489	2.20 UG/L		93
90)	TERT-BUTYLBENZENE	8.833	119	73758	2.15 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	96269	1.92 UG/L		90
92)	SEC-BUTYLBENZENE	9.050	105	96114	2.00 UG/L		93
93)	1,3-DICHLOROBENZENE	9.128	146	54008	2.19 UG/L		96
94)	P-ISOPROPYLTOLUENE	9.206	119	87448	2.16 UG/L		96
95)	1,4-DICHLOROBENZENE	9.217	146	60099	2.12 UG/L		97
96)	N-BUTYLBENZENE	9.608	91	66914	1.82 UG/L		93
97)	1,2-DICHLOROBENZENE	9.572	146	51749	2.11 UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.350	75	2178m	0.97 UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.550	180	22516	1.30 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	5210	0.38 UG/L		100
101)	HEXACHLOROBUTADIENE	11.345	225	10639	1.72 UG/L		97
102)	NAPHTHALENE	11.373	128	3389m	0.13 UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.624	180	2028	0.20 UG/L		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086013.D
Acq On : 26 Mar 2012 11:52 am
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 26 15:01:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	588990	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	930510	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488427	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	507149	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	235558	15.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.20%#				
49) TOLUENE SS	5.489	98	854222	23.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.92%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	405085	27.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	42392	2.81	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	71560	4.52	UG/L	#	82
5) CHLOROMETHANE	0.913	50	32182	3.30	UG/L		99
6) VINYL CHLORIDE	0.960	62	39149	2.80	UG/L		99
7) BROMOMETHANE	1.099	94	24285	2.59	UG/L		96
8) CHLOROETHANE	1.144	64	20999	3.01	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	72615	3.07	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	65856	3.15	UG/L		99
11) ETHANOL	1.345	45	4991m	69.74	UG/L		
12) DI ETHYL ETHER	1.390	59	31610	3.56	UG/L		94
13) ACROLEIN	1.454	56	53967	855.03	UG/L	#	1
14) ACETONE	1.535	43	106640	41.39	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	59065	2.88	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	31867	3.14	UG/L	#	79
17) IODOMETHANE	1.585	142	593480	34.12	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	31849	2.58	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	31803	44.12	UG/L	#	89
22) ACRYLONITRILE	1.917	53	22646	6.90	UG/L		92
23) METHYLENE CHLORIDE	1.769	49	75528	4.73	UG/L		90
24) CARBON DISULFIDE	1.621	76	1010968	29.04	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	154243	5.53	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.933	61	101355	5.26	UG/L		89
27) 1,1-DICHLOROETHANE	2.226	63	123026	5.44	UG/L		100
28) VINYL ACETATE	2.271	43	1637457	83.07	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	239520	7.51	UG/L	#	82
30) CHLOROPRENE	0.000		0	N.D.			
31) 2-BUTANONE	2.742	43	284817	73.26	UG/L		93
32) T-BUTYL ETHYL ETHER	2.586	59	199798	5.60	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	121620	5.16	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	81501	5.25	UG/L	#	88
35) ETHYL ACETATE	2.809	43	77357	7.36	UG/L		96
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.943	49	69387	6.86	UG/L		91
39) TETRAHYDROFURAN	2.996	42	18024m	8.32	UG/L		
40) CHLOROFORM	3.038	83	118804	5.14	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	100614	4.84	UG/L	#	82
42) CYCLOHEXANE	3.252	56	114155	6.11	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	73366	4.77	UG/L		92
44) 1,1-DICHLOROPROPENE	3.386	75	87157	4.85	UG/L		93
45) BENZENE	3.595	78	266858	5.80	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

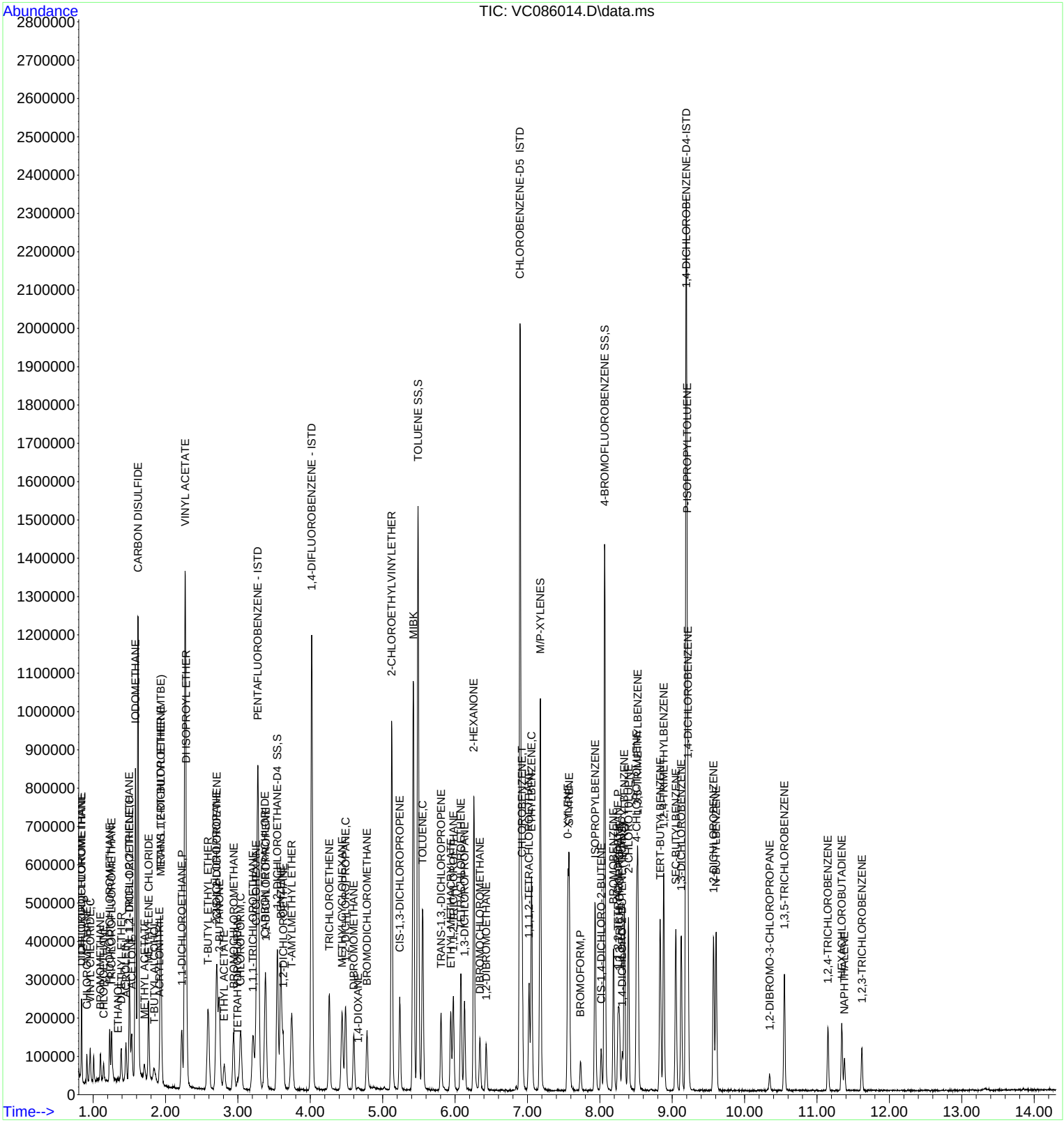
	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	0.000		0	N.D. d		
47)	T-AMYLMETHYL ETHER	3.743	73	161463	5.64 UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	101264	4.05 UG/L	#	91
51)	TRICHLOROETHENE	4.262	95	73038	5.35 UG/L		88
52)	METHYLCYCLOHEXANE	4.437	83	74887	5.18 UG/L		96
53)	1,2-DICHLOROPROPANE	4.488	63	74250	5.96 UG/L	#	92
54)	DIBROMOMETHANE	4.602	93	45716	5.09 UG/L		89
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.661	88	3928m	57.76 UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	81513	4.34 UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.123	63	343322	51.42 UG/L		89
59)	MIBK	5.425	43	654344	72.68 UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.235	75	106258	5.73 UG/L	#	90
61)	TOLUENE	5.550	91	302072	5.73 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	83875	5.71 UG/L	#	91
63)	ETHYL METHACRYLATE	5.943	69	83913	3.20 UG/L		94
64)	1,1,2-TRICHLOROETHANE	5.977	97	63458	5.89 UG/L		97
65)	2-HEXANONE	6.258	43	427763	69.48 UG/L		93
66)	TETRACHLOROETHENE	6.080	166	79255	6.14 UG/L		98
67)	1,3-DICHLOROPROPANE	6.130	76	103023	5.48 UG/L		100
68)	DIBROMOCHLOROMETHANE	6.345	129	57472	4.87 UG/L		99
69)	1,2-DIBROMOETHANE	6.431	107	67192	5.89 UG/L		99
72)	CHLOROBENZENE	6.925	112	201095	6.88 UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	61508	6.70 UG/L		98
74)	ETHYLBENZENE	7.056	91	339241	6.40 UG/L		99
75)	M/P-XYLENES	7.179	91	514211	12.24 UG/L		96
76)	0-XYLENE	7.558	91	255047	6.22 UG/L		95
77)	STYRENE	7.577	104	223155	6.69 UG/L		87
78)	BROMOFORM	7.731	173	28462	5.17 UG/L		99
79)	ISOPROPYLBENZENE	7.934	105	295675	6.45 UG/L		95
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	20775	5.15 UG/L	#	79
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	74644	6.53 UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	18262	5.09 UG/L	#	84
83)	BROMOBENZENE	8.188	77	126094	5.77 UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.272	75	58024	5.68 UG/L		91
85)	N-PROPYLBENZENE	8.339	91	335839	6.57 UG/L		96
86)	2-CHLOROT0LUENE	8.397	91	218318	6.19 UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	262260	6.09 UG/L		90
88)	4-CHLOROTOLUENE	8.509	91	246423	5.93 UG/L		93
90)	TERT-BUTYLBENZENE	8.835	119	195777	5.65 UG/L		87
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	267064	5.26 UG/L		93
92)	SEC-BUTYLBENZENE	9.050	105	263918	5.43 UG/L		95
93)	1,3-DICHLOROBENZENE	9.125	146	149576	6.01 UG/L		95
94)	P-ISOPROPYLTOLUENE	9.206	119	234106	5.71 UG/L		94
95)	1,4-DICHLOROBENZENE	9.217	146	160150	5.59 UG/L		99
96)	N-BUTYLBENZENE	9.608	91	195847	5.28 UG/L		93
97)	1,2-DICHLOROBENZENE	9.571	146	145049	5.85 UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	7711	3.38 UG/L	#	79
99)	1,3,5-TRICHLOROBENZENE	10.550	180	80849	4.61 UG/L		98
100)	1,2,4-TRICHLOROBENZENE	11.153	180	43312	3.15 UG/L		99
101)	HEXACHLOROBUTADIENE	11.342	225	31468	5.03 UG/L		100
102)	NAPHTHALENE	11.378	128	54166	2.02 UG/L		97
103)	1,2,3-TRICHLOROBENZENE	11.621	180	27038	2.58 UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086014.D
Acq On : 26 Mar 2012 12:22 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 26 15:02:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	593485	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	930251	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	493309	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	515195	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	230277	15.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 60.36%#				
49) TOLUENE SS	5.489	98	856288	23.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	398697	26.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	74785	4.92	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	129453	8.12	UG/L	#	85
5) CHLOROMETHANE	0.913	50	64308	6.55	UG/L		98
6) VINYL CHLORIDE	0.960	62	78678	5.58	UG/L		99
7) BROMOMETHANE	1.100	94	39547	4.42	UG/L		97
8) CHLOROETHANE	1.141	64	39731	5.65	UG/L		100
9) FLUORODICHLOROMETHANE	1.228	67	146191	6.13	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.253	101	134366	6.38	UG/L		97
11) ETHANOL	1.339	45	5847	81.09	UG/L	#	79
12) DI ETHYL ETHER	1.387	59	59491	6.64	UG/L		95
13) ACROLEIN	1.451	56	105786	1678.21	UG/L	#	1
14) ACETONE	1.529	43	203129	78.24	UG/L		100
15) 1,1-DICHLOROETHENE	1.501	61	121185	5.86	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	67316	6.58	UG/L		85
17) IODOMETHANE	1.585	142	1317990	68.43	UG/L		95
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.707	43	56311	4.52	UG/L		97
21) T-BUTYL ALCOHOL	1.844	59	53753	74.00	UG/L	#	76
22) ACRYLONITRILE	1.919	53	45118	13.65	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	134167	8.33	UG/L		91
24) CARBON DISULFIDE	1.621	76	2032874	57.96	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	297621	10.60	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	202107	10.40	UG/L		91
27) 1,1-DICHLOROETHANE	2.223	63	243116	10.67	UG/L		99
28) VINYL ACETATE	2.271	43	3026886	152.39	UG/L		95
29) DI ISOPROYL ETHER	2.285	45	466986	14.53	UG/L	#	83
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	526619	134.43	UG/L	#	92
32) T-BUTYL ETHYL ETHER	2.591	59	393469	10.94	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	241692	10.18	UG/L		87
34) 2,2-DICHLOROPROPANE	2.703	77	166083	10.62	UG/L	#	89
35) ETHYL ACETATE	2.809	43	137765	13.01	UG/L	#	90
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.937	49	136087	13.34	UG/L		91
39) TETRAHYDROFURAN	2.999	42	30850	14.13	UG/L	#	79
40) CHLOROFORM	3.038	83	236878	10.17	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.208	97	205932	9.83	UG/L		95
42) CYCLOHEXANE	3.258	56	216784	11.52	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	154866	9.99	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	175563	9.69	UG/L		95
45) BENZENE	3.593	78	529128	11.41	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

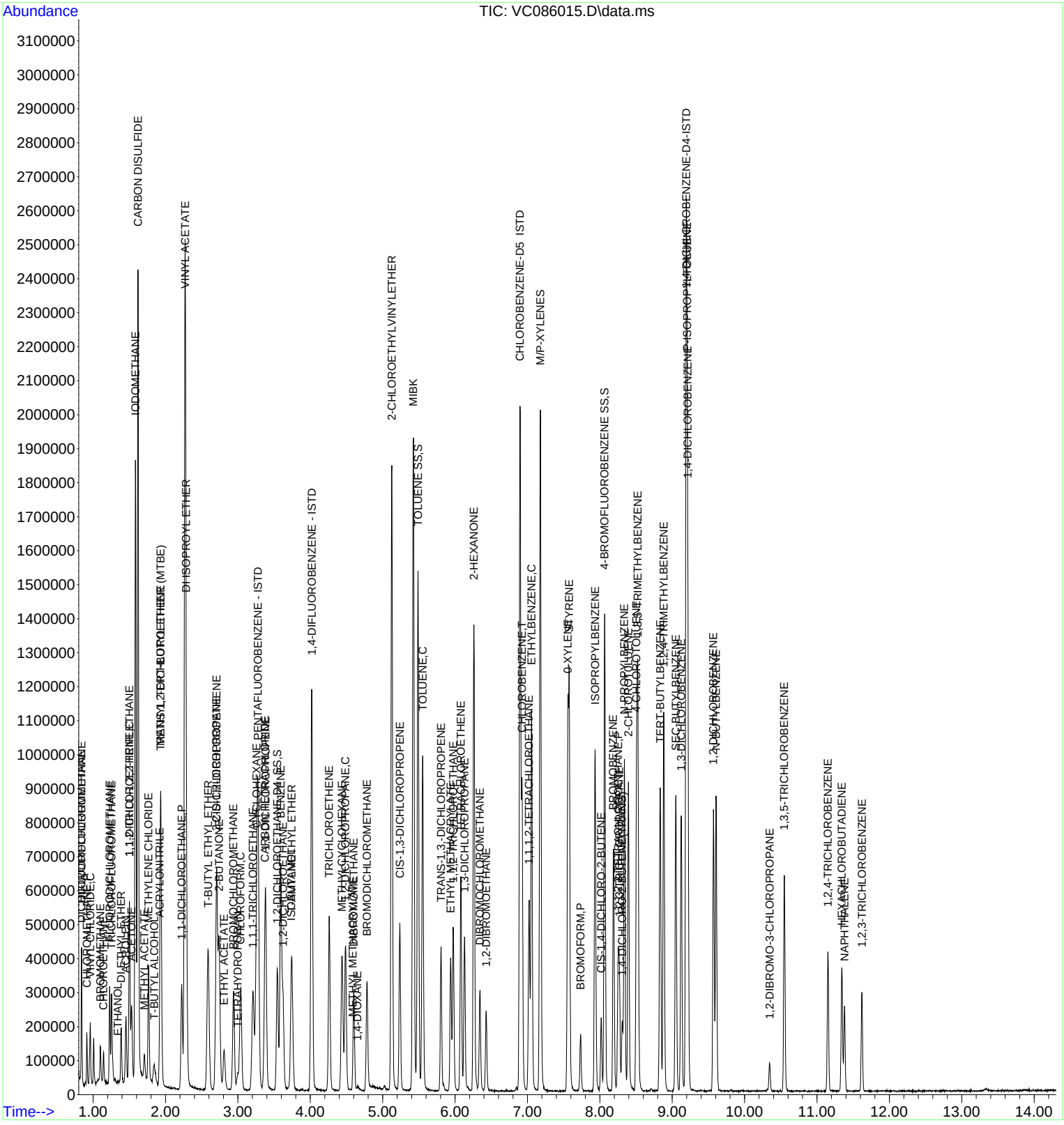
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	ISOBUTANOL	3.738	41	41605	96.92	UG/L		84
47)	T-AMYLMETHYL ETHER	3.740	73	324181	11.23	UG/L		96
50)	1,2-DICHLOROETHANE	3.623	62	200206	8.01	UG/L	#	91
51)	TRICHLOROETHENE	4.259	95	148070	10.85	UG/L		89
52)	METHYLCYCLOHEXANE	4.435	83	153364	10.60	UG/L		97
53)	1,2-DICHLOROPROPANE	4.485	63	143033	11.49	UG/L	#	90
54)	DIBROMOMETHANE	4.599	93	89268	9.94	UG/L		89
55)	METHYL METHACRYLATE	4.585	41	658	0.07	UG/L	#	100
56)	1,4-DIOXANE	4.652	88	8346m	122.76	UG/L		
57)	BROMODICHLOROMETHANE	4.783	83	172492	9.19	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.126	63	661072	99.04	UG/L		89
59)	MIBK	5.422	43	1199638	133.28	UG/L	#	89
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	219899	11.87	UG/L		92
61)	TOLUENE	5.553	91	602989	11.45	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	174938	11.90	UG/L	#	90
63)	ETHYL METHACRYLATE	5.938	69	160883	6.13	UG/L		94
64)	1,1,2-TRICHLOROETHANE	5.974	97	127083	11.80	UG/L		95
65)	2-HEXANONE	6.261	43	793822	128.98	UG/L		93
66)	TETRACHLOROETHENE	6.080	166	160302	12.42	UG/L		96
67)	1,3-DICHLOROPROPANE	6.130	76	199196	10.60	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.345	129	127496	10.80	UG/L		99
69)	1,2-DIBROMOETHANE	6.431	107	134161	11.77	UG/L		97
72)	CHLOROBENZENE	6.925	112	400094	13.55	UG/L		92
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	129763	13.99	UG/L		98
74)	ETHYLBENZENE	7.056	91	689411	12.88	UG/L		98
75)	M/P-XYLENES	7.179	91	1028296	24.23	UG/L		96
76)	0-XYLENE	7.558	91	520233	12.56	UG/L		96
77)	STYRENE	7.578	104	451665	13.40	UG/L		87
78)	BROMOFORM	7.734	173	62137	11.19	UG/L		98
79)	ISOPROPYLBENZENE	7.934	105	591020	12.76	UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	42139	10.34	UG/L	#	85
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	141525	12.26	UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	38834	10.71	UG/L		87
83)	BROMOBENZENE	8.185	77	250643	11.35	UG/L		87
84)	1,2,3-TRICHLOROPROPANE	8.269	75	112215	10.89	UG/L		96
85)	N-PROPYLBENZENE	8.339	91	672041	13.02	UG/L		96
86)	2-CHLOROT0LUENE	8.395	91	436856	12.26	UG/L		93
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	535456	12.31	UG/L		92
88)	4-CHLOROTOLUENE	8.506	91	497113	11.85	UG/L		93
90)	TERT-BUTYLBENZENE	8.835	119	395226	11.22	UG/L		86
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	541766	10.51	UG/L		92
92)	SEC-BUTYLBENZENE	9.050	105	546025	11.07	UG/L		95
93)	1,3-DICHLOROBENZENE	9.125	146	299394	11.84	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.209	119	477657	11.48	UG/L		94
95)	1,4-DICHLOROBENZENE	9.214	146	326671	11.23	UG/L		98
96)	N-BUTYLBENZENE	9.605	91	408655	10.85	UG/L		93
97)	1,2-DICHLOROBENZENE	9.569	146	295484	11.74	UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	15439	6.66	UG/L	#	78
99)	1,3,5-TRICHLOROBENZENE	10.547	180	178109	10.01	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.150	180	107279	7.69	UG/L		98
101)	HEXACHLOROBUTADIENE	11.345	225	66953	10.54	UG/L		98
102)	NAPHTHALENE	11.381	128	163798	6.00	UG/L		97
103)	1,2,3-TRICHLOROBENZENE	11.621	180	75461	7.09	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086015.D
Acq On : 26 Mar 2012 12:52 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 26 15:04:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	601723	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	952159	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	497982	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543952	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	242703	15.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.72%#				
49) TOLUENE SS	5.486	98	869293	23.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.40%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	410410	27.30	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	138041	8.95	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	248190	15.36	UG/L	#	85
5) CHLOROMETHANE	0.913	50	123715	12.43	UG/L		99
6) VINYL CHLORIDE	0.957	62	147929	10.34	UG/L		99
7) BROMOMETHANE	1.094	94	36265	3.96	UG/L		97
8) CHLOROETHANE	1.139	64	63165	8.86	UG/L		99
9) FLUORODICHLOROMETHANE	1.225	67	266952	11.03	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.250	101	240280	11.25	UG/L		98
11) ETHANOL	1.342	45	13466m	184.19	UG/L		
12) DI ETHYL ETHER	1.387	59	120995	13.32	UG/L		93
13) ACROLEIN	1.451	56	228615	3594.94	UG/L	#	1
14) ACETONE	1.535	43	469044	178.18	UG/L		98
15) 1,1-DICHLOROETHENE	1.498	61	230955	11.01	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	128512	12.38	UG/L	#	82
17) IODOMETHANE	1.582	142	2537328	124.87	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	140321	11.11	UG/L		96
21) T-BUTYL ALCOHOL	1.850	59	161147	218.80	UG/L	#	97
22) ACRYLONITRILE	1.919	53	109597	32.70	UG/L		98
23) METHYLENE CHLORIDE	1.763	49	241323	14.78	UG/L		92
24) CARBON DISULFIDE	1.618	76	3773495	106.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	694223	24.38	UG/L		93
26) TRANS 1,2-DICHLOROETHENE	1.928	61	414341	21.03	UG/L		91
27) 1,1-DICHLOROETHANE	2.221	63	498576	21.58	UG/L		100
28) VINYL ACETATE	2.271	43	6532709	324.40	UG/L		96
29) DI ISOPROYL ETHER	2.285	45	942414	28.92	UG/L	#	84
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	1344820	338.60	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	872194	23.92	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	498076	20.69	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.700	77	357359	22.54	UG/L	#	90
35) ETHYL ACETATE	2.806	43	358365	33.37	UG/L	#	94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.935	49	289436	27.99	UG/L		93
39) TETRAHYDROFURAN	2.996	42	80449	36.34	UG/L	#	82
40) CHLOROFORM	3.038	83	492406	20.86	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	437405	20.60	UG/L		94
42) CYCLOHEXANE	3.252	56	437276	22.91	UG/L		94
43) CARBON TETRACHLORIDE	3.375	117	343346	21.85	UG/L		96
44) 1,1-DICHLOROPROPENE	3.381	75	358496	19.52	UG/L	#	94
45) BENZENE	3.590	78	1096691	23.32	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086016.D
Acq On : 26 Mar 2012 1:22 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

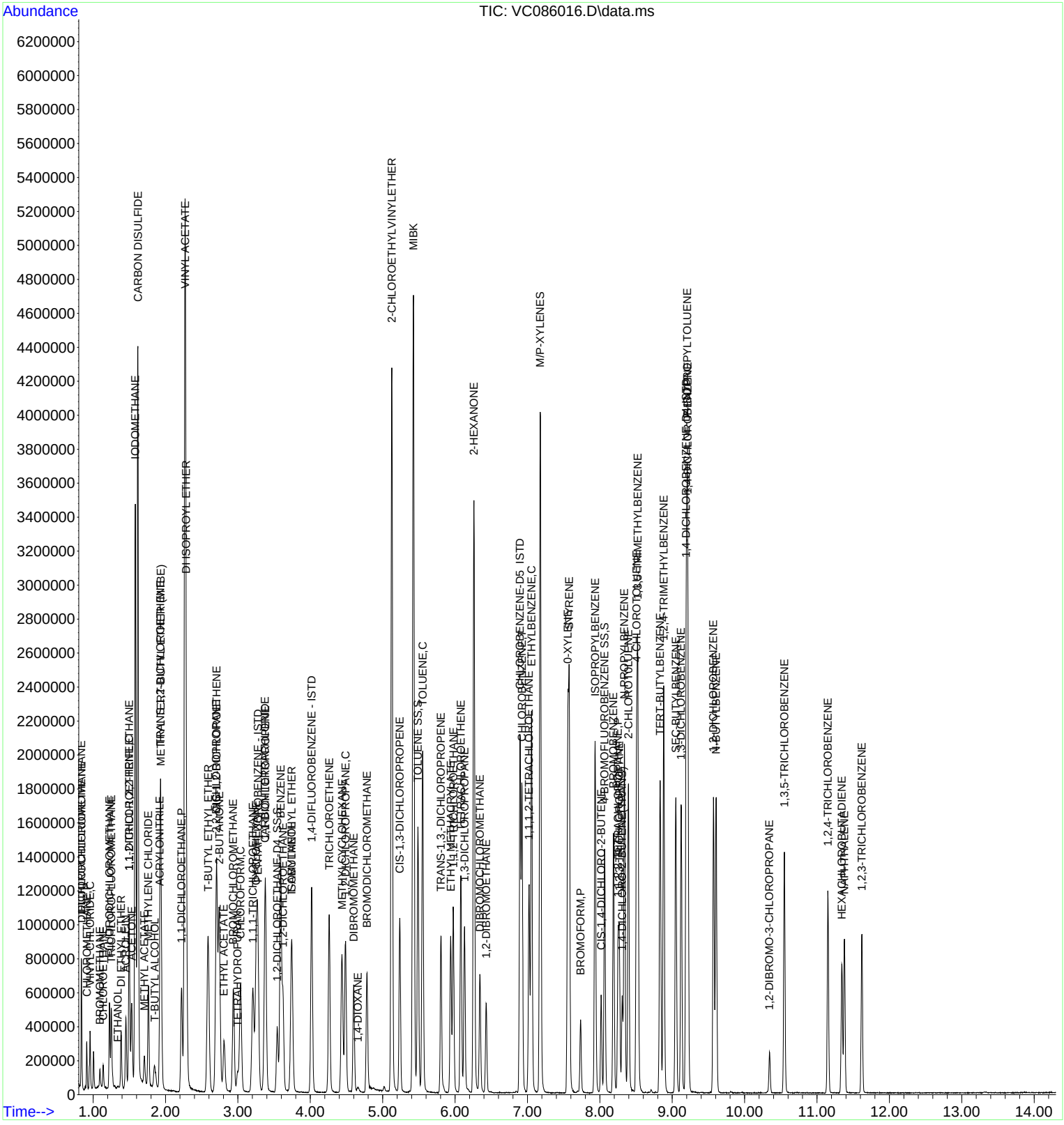
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	3.743	41	90949	208.97 UG/L	87
47) T-AMYLMETHYL ETHER	3.743	73	741074	25.33 UG/L	95
50) 1,2-DICHLOROETHANE	3.623	62	429354	16.78 UG/L #	93
51) TRICHLOROETHENE	4.262	95	305238	21.86 UG/L	87
52) METHYLCYCLOHEXANE	4.438	83	321198	21.70 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	303592	23.82 UG/L #	92
54) DIBROMOMETHANE	4.602	93	197870	21.53 UG/L	90
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.658	88	20994m	301.70 UG/L	
57) BROMODICHLOROMETHANE	4.783	83	381464	19.86 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	1568336	229.55 UG/L	89
59) MIBK	5.425	43	2918561	316.80 UG/L #	90
60) CIS-1,3-DICHLOROPROPENE	5.235	75	469342	24.75 UG/L	92
61) TOLUENE	5.553	91	1230879	22.83 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	394328	26.21 UG/L #	89
63) ETHYL METHACRYLATE	5.941	69	380507	14.16 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	277657	25.18 UG/L	96
65) 2-HEXANONE	6.261	43	2035325	323.08 UG/L	94
66) TETRACHLOROETHENE	6.080	166	335422	25.39 UG/L	96
67) 1,3-DICHLOROPROPANE	6.130	76	444937	23.14 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	299672	24.81 UG/L	100
69) 1,2-DIBROMOETHANE	6.429	107	294664	25.25 UG/L	100
72) CHLOROBENZENE	6.925	112	827838	27.78 UG/L	91
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	287651	30.72 UG/L	98
74) ETHYLBENZENE	7.056	91	1412929	26.15 UG/L	99
75) M/P-XYLENES	7.176	91	2094387	48.89 UG/L	97
76) 0-XYLENE	7.558	91	1059672	25.34 UG/L	96
77) STYRENE	7.578	104	936248	27.52 UG/L	86
78) BROMOFORM	7.734	173	165185	29.46 UG/L	98
79) ISOPROPYLBENZENE	7.935	105	1216735	26.03 UG/L	93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	106102	25.80 UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	347453	29.81 UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	110068	30.06 UG/L	87
83) BROMOBENZENE	8.188	77	517310	23.20 UG/L	87
84) 1,2,3-TRICHLOROPROPANE	8.269	75	264109	25.38 UG/L	92
85) N-PROPYLBENZENE	8.339	91	1406412	26.99 UG/L	96
86) 2-CHLOROT0LUENE	8.395	91	906969	25.21 UG/L	93
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	1101615	25.09 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	1032150	24.36 UG/L	93
90) TERT-BUTYLBENZENE	8.832	119	830068	22.32 UG/L	85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	1115476	20.50 UG/L	91
92) SEC-BUTYLBENZENE	9.050	105	1107709	21.26 UG/L	93
93) 1,3-DICHLOROBENZENE	9.123	146	625145	23.42 UG/L	96
94) P-ISOPROPYLTOLUENE	9.206	119	987112	22.46 UG/L	93
95) 1,4-DICHLOROBENZENE	9.215	146	683543	22.25 UG/L	98
96) N-BUTYLBENZENE	9.605	91	866428	21.78 UG/L	94
97) 1,2-DICHLOROBENZENE	9.569	146	627019	23.60 UG/L	96
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	43528	17.80 UG/L #	73
99) 1,3,5-TRICHLOROBENZENE	10.550	180	389990	20.75 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	316009	21.46 UG/L	100
101) HEXACHLOROBUTADIENE	11.342	225	141858	21.15 UG/L	99
102) NAPHTHALENE	11.379	128	620788	21.55 UG/L #	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	252571	22.48 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 26 15:07:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	574567	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	922938	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	482198	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	524863	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	231211	15.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 62.60%#				
49) TOLUENE SS	5.489	98	845335	23.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.72%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	407734	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	592266	40.23	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	852332	55.24	UG/L	#	85
5) CHLOROMETHANE	0.913	50	412345	43.38	UG/L		97
6) VINYL CHLORIDE	0.960	62	500471	36.65	UG/L		99
7) BROMOMETHANE	1.099	94	228019	28.22	UG/L		98
8) CHLOROETHANE	1.144	64	222657	32.70	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	762110	32.99	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	718437	35.24	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	320364	36.94	UG/L		94
13) ACROLEIN	1.454	56	568759	9391.63	UG/L	#	1
14) ACETONE	1.532	43	916922	364.78	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	621547	31.04	UG/L		93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	358813	36.20	UG/L		85
17) IODOMETHANE	1.585	142	5743002	288.27	UG/L		96
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.710	43	251464	20.85	UG/L		94
21) T-BUTYL ALCOHOL	1.844	59	273561	388.99	UG/L	#	97
22) ACRYLONITRILE	1.919	53	230625	72.06	UG/L		97
23) METHYLENE CHLORIDE	1.766	49	566783	36.36	UG/L		92
24) CARBON DISULFIDE	1.621	76	7113732	209.49	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	1491984	54.88	UG/L		92
26) TRANS 1,2-DICHLOROETHENE	1.931	61	992998	52.78	UG/L		89
27) 1,1-DICHLOROETHANE	2.223	63	1216278	55.14	UG/L		99
28) VINYL ACETATE	2.271	43	13265398	689.86	UG/L		97
29) DI ISOPROYL ETHER	2.287	45	2159468	69.40	UG/L	#	85
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.739	43	2646071	697.72	UG/L		93
32) T-BUTYL ETHYL ETHER	2.589	59	1976998	56.78	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	1165115	50.68	UG/L	#	86
34) 2,2-DICHLOROPROPANE	2.703	77	815397	53.85	UG/L	#	90
35) ETHYL ACETATE	2.809	43	656171	63.99	UG/L		95
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	670037	67.86	UG/L		94
39) TETRAHYDROFURAN	2.996	42	161563	76.42	UG/L	#	80
40) CHLOROFORM	3.040	83	1157852	51.36	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	1075420	53.04	UG/L		95
42) CYCLOHEXANE	3.258	56	1111387	60.99	UG/L		95
43) CARBON TETRACHLORIDE	3.375	117	895216	59.66	UG/L		95
44) 1,1-DICHLOROPROPENE	3.383	75	871839	49.73	UG/L		94
45) BENZENE	3.593	78	2574925	57.33	UG/L		99

Data Path : X:\1\DATA\032612\
Data File : VC086017.D
Acq On : 26 Mar 2012 1:52 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

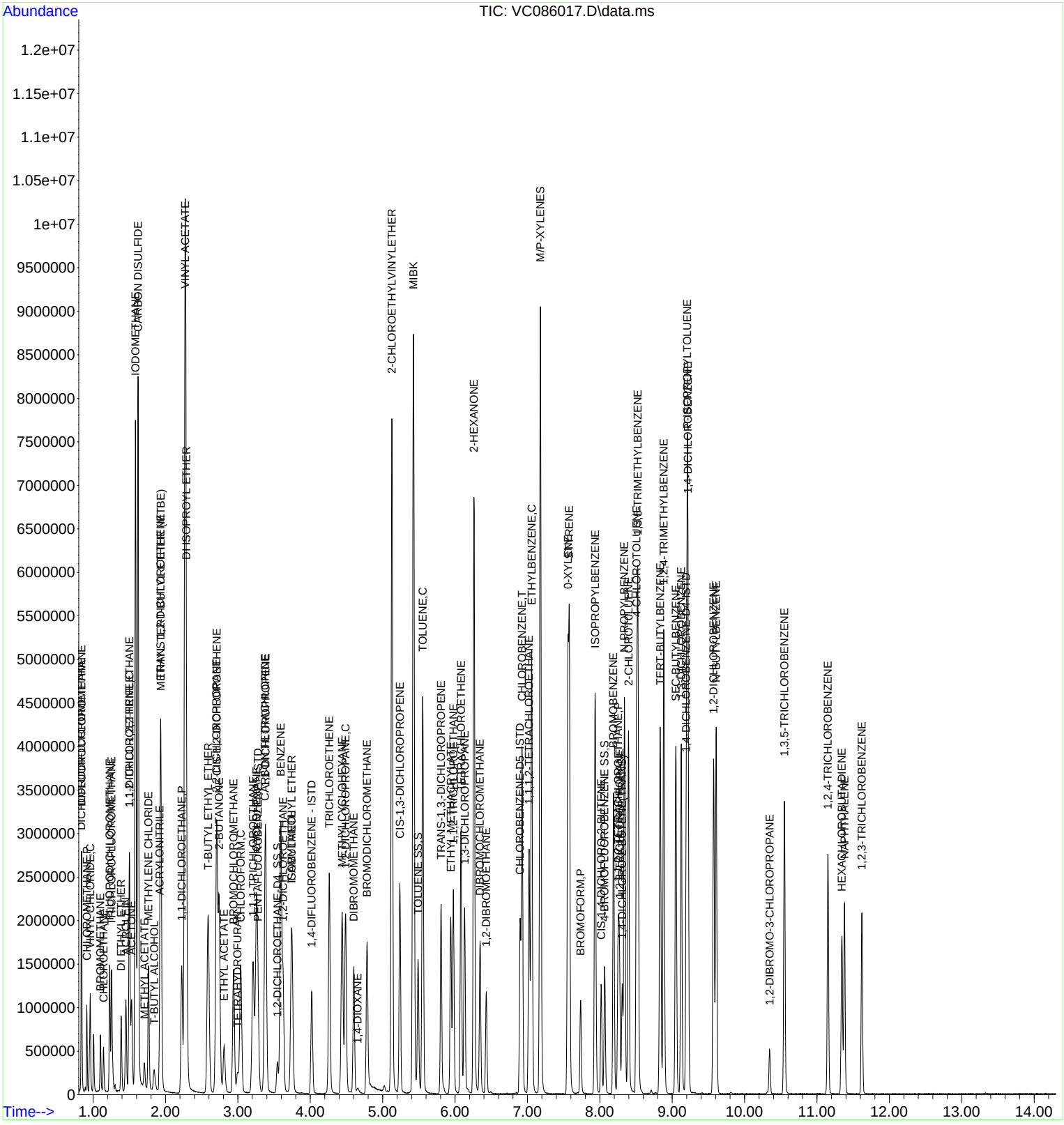
Quant Time: Mar 26 15:08:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	3.743	41	194398	467.78 UG/L	85
47) T-AMYLMETHYL ETHER	3.740	73	1588036	56.83 UG/L	96
50) 1,2-DICHLOROETHANE	3.623	62	986401	39.77 UG/L #	92
51) TRICHLOROETHENE	4.262	95	724511	53.53 UG/L	87
52) METHYLCYCLOHEXANE	4.440	83	808695	56.35 UG/L	97
53) 1,2-DICHLOROPROPANE	4.488	63	700035	56.67 UG/L #	92
54) DIBROMOMETHANE	4.602	93	450010	50.51 UG/L	90
55) METHYL METHACRYLATE	0.000		0	N.D. d	
56) 1,4-DIOXANE	4.655	88	39427	584.54 UG/L #	8
57) BROMODICHLOROMETHANE	4.783	83	945133	50.77 UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	2923089	441.39 UG/L	90
59) MIBK	5.425	43	5536472	620.00 UG/L #	91
60) CIS-1,3-DICHLOROPROPENE	5.238	75	1106928	60.22 UG/L	92
61) TOLUENE	5.553	91	2840448	54.35 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	906286	62.16 UG/L #	89
63) ETHYL METHACRYLATE	5.941	69	833619	32.00 UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.977	97	610976	57.17 UG/L	96
65) 2-HEXANONE	6.261	43	3866296	633.15 UG/L	94
66) TETRACHLOROETHENE	6.083	166	777463	60.71 UG/L	96
67) 1,3-DICHLOROPROPANE	6.133	76	972920	52.20 UG/L	99
68) DIBROMOCHLOROMETHANE	6.345	129	754694	64.46 UG/L	99
69) 1,2-DIBROMOETHANE	6.431	107	643335	56.88 UG/L	99
72) CHLOROBENZENE	6.925	112	1893736	65.63 UG/L	90
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	695665	76.73 UG/L	97
74) ETHYLBENZENE	7.059	91	3198196	61.13 UG/L	98
75) M/P-XYLENES	7.179	91	4673707	112.67 UG/L	96
76) 0-XYLENE	7.561	91	2379920	58.78 UG/L	95
77) STYRENE	7.577	104	2113959	64.18 UG/L	87
78) BROMOFORM	7.734	173	414737	76.38 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	2764386	61.06 UG/L	93
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	237265	59.59 UG/L	88
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	705353	62.51 UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	243986	68.82 UG/L	89
83) BROMOBENZENE	8.188	77	1176782	54.51 UG/L	85
84) 1,2,3-TRICHLOROPROPANE	8.272	75	532403	52.84 UG/L	92
85) N-PROPYLBENZENE	8.339	91	3183035	63.08 UG/L	95
86) 2-CHLOROT0LUENE	8.397	91	2046229	58.73 UG/L	92
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	2490853	58.59 UG/L	90
88) 4-CHLOROTOLUENE	8.509	91	2353964	57.38 UG/L	92
90) TERT-BUTYLBENZENE	8.835	119	1907128	53.15 UG/L	85
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	2553717	48.64 UG/L	91
92) SEC-BUTYLBENZENE	9.050	105	2558987	50.91 UG/L	93
93) 1,3-DICHLOROBENZENE	9.125	146	1441361	55.95 UG/L	97
94) P-ISOPROPYLTOLUENE	9.206	119	2229491	52.57 UG/L	93
95) 1,4-DICHLOROBENZENE	9.217	146	1535760	51.80 UG/L	98
96) N-BUTYLBENZENE	9.608	91	1971600	51.36 UG/L	92
97) 1,2-DICHLOROBENZENE	9.571	146	1400825	54.63 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	93390	39.57 UG/L #	66
99) 1,3,5-TRICHLOROBENZENE	10.550	180	946430	52.19 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	737464	51.90 UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	341224	52.73 UG/L	98
102) NAPHTHALENE	11.381	128	1403404	50.49 UG/L #	97
103) 1,2,3-TRICHLOROBENZENE	11.618	180	564101	52.04 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Mar 26 15:08:58 2012
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Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086018.D
Acq On : 26 Mar 2012 2:23 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	608347	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	980979	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	507339	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	543860	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	248229	15.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 63.48%#				
49) TOLUENE SS	5.492	98	893391	23.05	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.20%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	428926	28.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	1078320	69.18	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	1632350	99.92	UG/L	#	86
5) CHLOROMETHANE	0.913	50	876763	87.12	UG/L		97
6) VINYL CHLORIDE	0.960	62	985638	68.17	UG/L		99
7) BROMOMETHANE	1.100	94	507641	59.76	UG/L		99
8) CHLOROETHANE	1.144	64	435385	60.38	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	1519498	62.12	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.256	101	1433559	66.40	UG/L		99
11) ETHANOL	0.000		0	N.D.	d		
12) DI ETHYL ETHER	1.387	59	676889	73.72	UG/L		94
13) ACROLEIN	1.454	56	1281100	19997.24	UG/L	#	1
14) ACETONE	1.532	43	2075374	779.81	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	1232845	58.14	UG/L		92
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	702426	66.93	UG/L	#	82
17) IODOMETHANE	1.585	142	10209064	480.16	UG/L		97
18) ACETONITRILE	0.000		0	N.D.	d		
19) ALLYL CHLORIDE	0.000		0	N.D.	d		
20) METHYL ACETATE	1.708	43	568391	44.51	UG/L		95
21) T-BUTYL ALCOHOL	1.844	59	674488	905.84	UG/L		98
22) ACRYLONITRILE	1.920	53	502772	148.37	UG/L		99
23) METHYLENE CHLORIDE	1.766	49	1137929	68.95	UG/L		91
24) CARBON DISULFIDE	0.000		0	N.D.	d		
25) METHYL TERT-BUTYL ETHE...	1.939	73	3123156	108.50	UG/L		94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	1958901	98.33	UG/L		90
27) 1,1-DICHLOROETHANE	2.223	63	2455953	105.16	UG/L		100
28) VINYL ACETATE	0.000		0	N.D.	d		
29) DI ISOPROYL ETHER	2.290	45	3919032	118.95	UG/L	#	87
30) CHLOROPRENE	0.000		0	N.D.	d		
31) 2-BUTANONE	2.742	43	5921590	1474.71	UG/L		94
32) T-BUTYL ETHYL ETHER	2.589	59	4035644	109.47	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.709	61	2345754	96.37	UG/L	#	85
34) 2,2-DICHLOROPROPANE	2.703	77	1660505	103.58	UG/L	#	90
35) ETHYL ACETATE	2.812	43	1545786	142.36	UG/L		94
36) PROPIONITRILE	0.000		0	N.D.	d		
37) METHACRYLONITRILE	0.000		0	N.D.	d		
38) BROMOCHLOROMETHANE	2.940	49	1368805	130.93	UG/L		95
39) TETRAHYDROFURAN	2.996	42	380234	169.87	UG/L	#	83
40) CHLOROFORM	3.041	83	2418360	101.32	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.211	97	2272951	105.87	UG/L		94
42) CYCLOHEXANE	3.258	56	2244202	116.32	UG/L		95
43) CARBON TETRACHLORIDE	3.378	117	1906147	119.97	UG/L		96
44) 1,1-DICHLOROPROPENE	3.386	75	1764303	95.04	UG/L	#	94
45) BENZENE	3.593	78	5201430	109.38	UG/L		99

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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

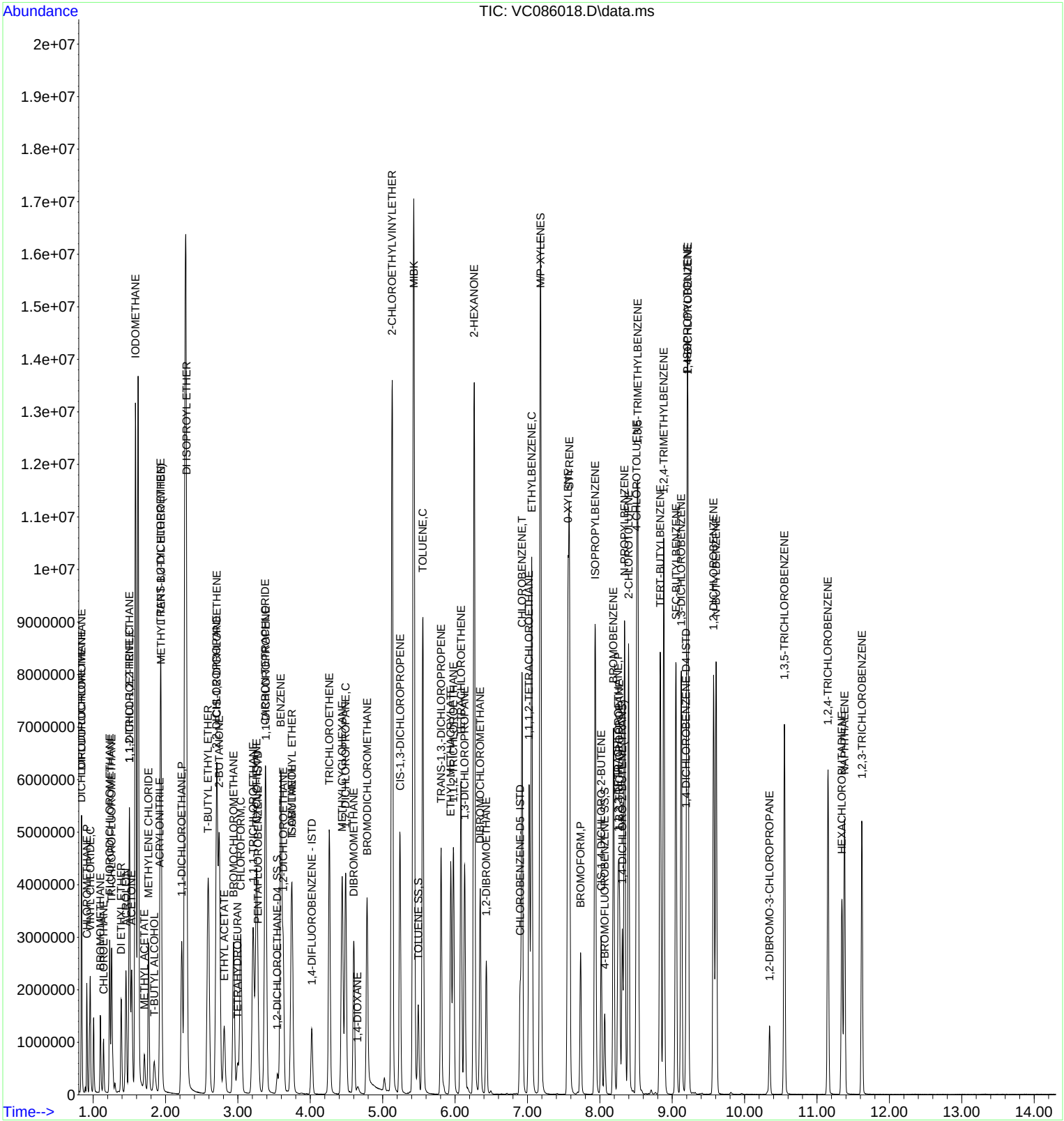
	Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
46)	ISOBUTANOL	3.746	41	418654	951.47 UG/L	#	82
47)	T-AMYLMETHYL ETHER	3.746	73	3409223	115.24 UG/L		95
50)	1,2-DICHLOROETHANE	3.626	62	2079608	78.89 UG/L	#	92
51)	TRICHLOROETHENE	4.262	95	1470306	102.21 UG/L		86
52)	METHYLCYCLOHEXANE	4.440	83	1624893	106.53 UG/L		98
53)	1,2-DICHLOROPROPANE	4.488	63	1437397	109.48 UG/L	#	92
54)	DIBROMOMETHANE	4.599	93	942202	99.51 UG/L		90
55)	METHYL METHACRYLATE	0.000		0	N.D. d		
56)	1,4-DIOXANE	4.652	88	91898	1281.85 UG/L	#	6
57)	BROMODICHLOROMETHANE	4.786	83	2019574	102.07 UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.132	63	5521158	784.38 UG/L		90
59)	MIBK	5.430	43	11163877	1176.21 UG/L		93
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	2295783	117.50 UG/L	#	91
61)	TOLUENE	5.556	91	5672482	102.13 UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	1974942	127.43 UG/L	#	89
63)	ETHYL METHACRYLATE	5.941	69	1834206	66.25 UG/L		95
64)	1,1,2-TRICHLOROETHANE	5.977	97	1295250	114.02 UG/L		96
65)	2-HEXANONE	6.264	43	8144363	1254.82 UG/L		96
66)	TETRACHLOROETHENE	6.083	166	1561867	114.74 UG/L		96
67)	1,3-DICHLOROPROPANE	6.133	76	2031223	102.54 UG/L		100
68)	DIBROMOCHLOROMETHANE	6.348	129	1702679	136.82 UG/L		100
69)	1,2-DIBROMOETHANE	6.432	107	1368020	113.79 UG/L		100
72)	CHLOROBENZENE	6.925	112	3814456	125.64 UG/L		90
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	1491968	156.41 UG/L		98
74)	ETHYLBENZENE	7.059	91	6372797	115.77 UG/L		98
75)	M/P-XYLENES	7.182	91	9003954	206.30 UG/L		97
76)	0-XYLENE	7.561	91	4758640	111.70 UG/L		95
77)	STYRENE	7.580	104	4186145	120.80 UG/L		88
78)	BROMOFORM	7.734	173	1033560	180.92 UG/L		98
79)	ISOPROPYLBENZENE	7.935	105	5575132	117.05 UG/L		93
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	548911	131.02 UG/L	#	88
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	1553346	130.83 UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.311	53	563766	151.14 UG/L		93
83)	BROMOBENZENE	8.188	77	2398348	105.60 UG/L		85
84)	1,2,3-TRICHLOROPROPANE	8.269	75	1165947	109.97 UG/L		90
85)	N-PROPYLBENZENE	8.342	91	6363496	119.86 UG/L		95
86)	2-CHLOROT0LUENE	8.398	91	4109651	112.10 UG/L		92
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	4914827	109.88 UG/L		91
88)	4-CHLOROTOLUENE	8.509	91	4639531	107.49 UG/L		92
90)	TERT-BUTYLBENZENE	8.835	119	3844874	103.41 UG/L		85
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	5070718	93.20 UG/L		92
92)	SEC-BUTYLBENZENE	9.053	105	5132606	98.55 UG/L		92
93)	1,3-DICHLOROBENZENE	9.125	146	2953145	110.63 UG/L		97
94)	P-ISOPROPYLTOLUENE	9.206	119	4417579	100.53 UG/L		94
95)	1,4-DICHLOROBENZENE	9.217	146	3085073	100.42 UG/L		98
96)	N-BUTYLBENZENE	9.605	91	4004521	100.67 UG/L		92
97)	1,2-DICHLOROBENZENE	9.572	146	2907358	109.43 UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.344	75	244068	99.80 UG/L	#	69
99)	1,3,5-TRICHLOROBENZENE	10.550	180	1948410	103.68 UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.153	180	1669561	113.39 UG/L		99
101)	HEXACHLOROBUTADIENE	11.345	225	695378	103.70 UG/L		98
102)	NAPHTHALENE	11.381	128	3560975	123.64 UG/L		98
103)	1,2,3-TRICHLOROBENZENE	11.621	180	1360740	121.14 UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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Acq On : 26 Mar 2012 2:23 pm
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ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 15:11:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
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Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.278	168	582501	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	968219	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	502272	30.00 UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	529128	30.00 UG/L	0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241899	16.15 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 64.60%#		
49) TOLUENE SS	5.495	98	884008	23.11 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.44%		
71) 4-BROMOFLUOROBENZENE SS	8.068	95	431602	28.47 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.88%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	1842263	123.43 UG/L	100
4) DIFLUOROCHLOROMETHANE	0.840	51	2852016	182.32 UG/L #	87
5) CHLOROMETHANE	0.913	50	1769040	183.58 UG/L	98
6) VINYL CHLORIDE	0.957	62	1804864	130.38 UG/L	99
7) BROMOMETHANE	1.097	94	898501	110.80 UG/L	99
8) CHLOROETHANE	1.141	64	757558	109.73 UG/L	97
9) FLUORODICHLOROMETHANE	1.228	67	2820601	120.42 UG/L	97
10) TRICHLOROFLUOROMETHANE	1.253	101	2681524	129.72 UG/L	100
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	1227951	139.67 UG/L	95
13) ACROLEIN	1.454	56	2196764	35824.16 UG/L #	1
14) ACETONE	1.532	43	3436712	1348.61 UG/L	98
15) 1,1-DICHLOROETHENE	1.501	61	2267669	111.70 UG/L	91
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	1324709	131.83 UG/L	82
17) IODOMETHANE	0.000		0	N.D.	
18) ACETONITRILE	0.000		0	N.D. d	
19) ALLYL CHLORIDE	0.000		0	N.D. d	
20) METHYL ACETATE	1.708	43	985634	80.60 UG/L	94
21) T-BUTYL ALCOHOL	1.844	59	1151087	1614.50 UG/L	98
22) ACRYLONITRILE	1.920	53	834426	257.17 UG/L	98
23) METHYLENE CHLORIDE	1.766	49	2103393	133.11 UG/L	93
24) CARBON DISULFIDE	0.000		0	N.D.	
25) METHYL TERT-BUTYL ETHE...	1.939	73	5523870	200.42 UG/L	94
26) TRANS 1,2-DICHLOROETHENE	1.931	61	3519952	184.53 UG/L	89
27) 1,1-DICHLOROETHANE	2.223	63	4623062	206.74 UG/L	100
28) VINYL ACETATE	0.000		0	N.D. d	
29) DI ISOPROYL ETHER	2.293	45	6322453	200.41 UG/L	90
30) CHLOROPRENE	0.000		0	N.D. d	
31) 2-BUTANONE	2.745	43	9645471	2508.69 UG/L	95
32) T-BUTYL ETHYL ETHER	2.592	59	7549863	213.88 UG/L	97
33) CIS-1,2-DICHLOROETHENE	2.709	61	4292931	184.20 UG/L #	85
34) 2,2-DICHLOROPROPANE	2.706	77	3258600	212.28 UG/L #	91
35) ETHYL ACETATE	2.812	43	2766424	266.09 UG/L	93
36) PROPIONITRILE	0.000		0	N.D. d	
37) METHACRYLONITRILE	0.000		0	N.D. d	
38) BROMOCHLOROMETHANE	2.940	49	2434710	243.22 UG/L	96
39) TETRAHYDROFURAN	2.993	42	655561	305.87 UG/L #	83
40) CHLOROFORM	3.041	83	4648834	203.40 UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.211	97	4412157	214.63 UG/L	94
42) CYCLOHEXANE	3.258	56	4157749	225.06 UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	3734019	245.44 UG/L	96
44) 1,1-DICHLOROPROPENE	3.386	75	3275179	184.26 UG/L #	94
45) BENZENE	3.595	78	9559341	209.95 UG/L	99

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ALS Vial : 16 Sample Multiplier: 1

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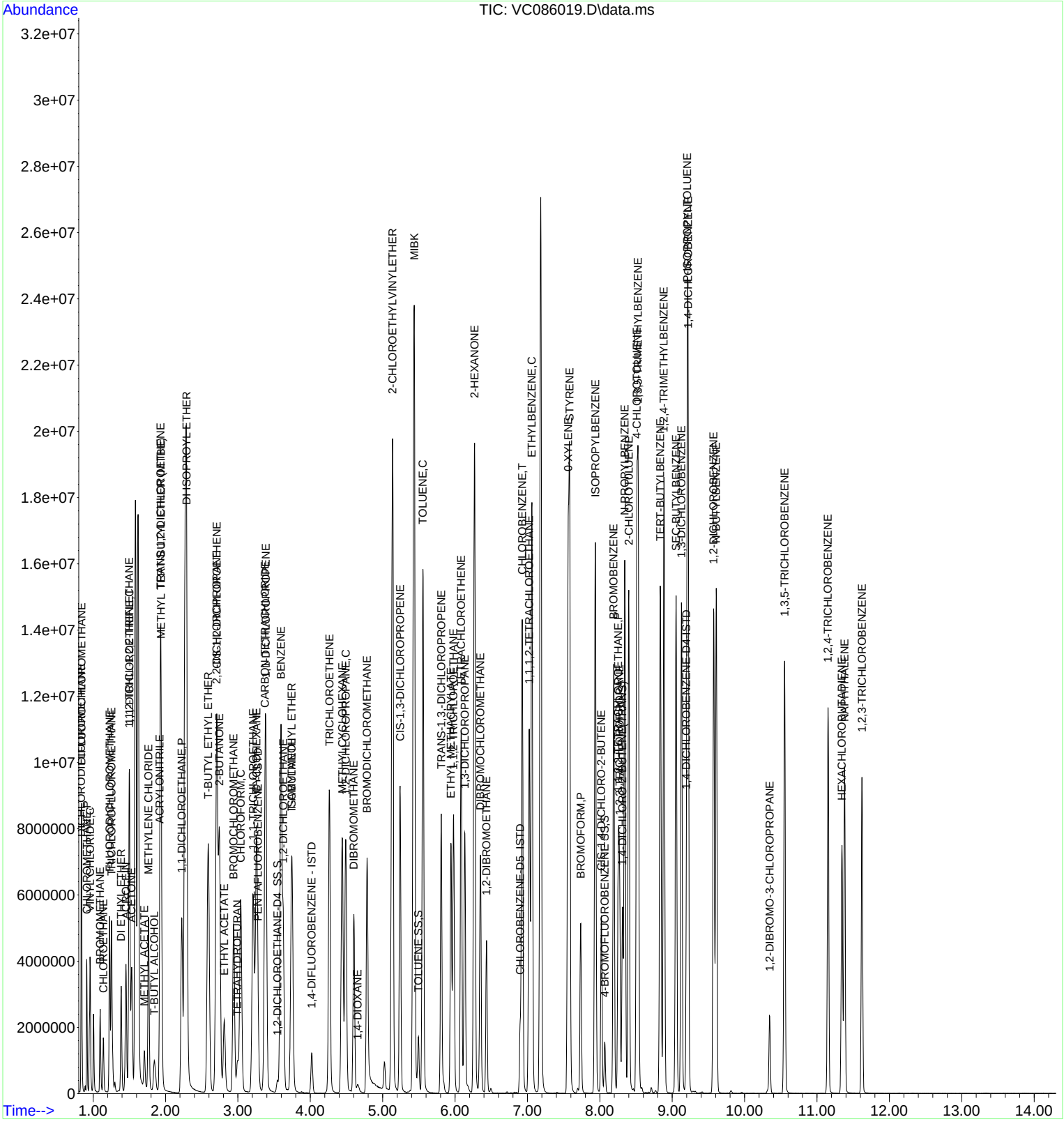
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) ISOBUTANOL	3.743	41	754991	1791.99	UG/L	#	83
47) T-AMYLMETHYL ETHER	3.743	73	6227710	219.85	UG/L		95
50) 1,2-DICHLOROETHANE	3.626	62	3854060	148.13	UG/L	#	93
51) TRICHLOROETHENE	4.265	95	2807574	197.74	UG/L		86
52) METHYLCYCLOHEXANE	4.443	83	3110531	206.62	UG/L		97
53) 1,2-DICHLOROPROPANE	4.491	63	2726448	210.40	UG/L	#	92
54) DIBROMOMETHANE	4.602	93	1735962	185.75	UG/L		89
55) METHYL METHACRYLATE	0.000		0	N.D.	d		
56) 1,4-DIOXANE	4.655	88	175464m	2479.74	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	3919950	200.73	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.138	63	8870171	1276.77	UG/L		91
59) MIBK	5.436	43	16241018	1733.68	UG/L		95
60) CIS-1,3-DICHLOROPROPENE	5.241	75	4270457	221.45	UG/L	#	91
61) TOLUENE	5.556	91	10248509	186.94	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	3697044	241.70	UG/L	#	88
63) ETHYL METHACRYLATE	5.944	69	3130594	114.57	UG/L		95
64) 1,1,2-TRICHLOROETHANE	5.980	97	2348667	209.47	UG/L		97
65) 2-HEXANONE	6.270	43	12176594	1900.80	UG/L		97
66) TETRACHLOROETHENE	6.083	166	2947629	219.40	UG/L		96
67) 1,3-DICHLOROPROPANE	6.136	76	3679597	188.20	UG/L		100
68) DIBROMOCHLOROMETHANE	6.351	129	3302045	268.84	UG/L		100
69) 1,2-DIBROMOETHANE	6.434	107	2522209	212.56	UG/L		100
72) CHLOROBENZENE	6.928	112	7022022	233.62	UG/L		90
73) 1,1,1,2-TETRACHLOROETHANE	7.026	131	2874379	304.38	UG/L		98
74) ETHYLBENZENE	7.062	91	11469063	210.46	UG/L		97
75) M/P-XYLENES	0.000		0	N.D.	d		
76) 0-XYLENE	7.564	91	8604049	204.00	UG/L		95
77) STYRENE	7.583	104	7425536	216.43	UG/L		89
78) BROMOFORM	7.737	173	2030230	358.96	UG/L		99
79) ISOPROPYLBENZENE	7.937	105	10124664	214.71	UG/L		92
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	1011950	243.98	UG/L	#	90
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	2722108	231.58	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	1047997	283.80	UG/L		95
83) BROMOBENZENE	8.191	77	4403618	195.84	UG/L	#	84
84) 1,2,3-TRICHLOROPROPANE	8.272	75	2062792	196.53	UG/L		90
85) N-PROPYLBENZENE	8.345	91	11608807	220.87	UG/L		93
86) 2-CHLOROT0LUENE	8.400	91	7524550	207.32	UG/L		91
87) 1,3,5-TRIMETHYLBENZENE	8.529	105	8852018	199.91	UG/L		91
88) 4-CHLOROTOLUENE	8.512	91	8407760	196.76	UG/L		92
90) TERT-BUTYLBENZENE	8.835	119	7192309	198.82	UG/L		85
91) 1,2,4-TRIMETHYLBENZENE	8.886	105	9273310	175.20	UG/L		91
92) SEC-BUTYLBENZENE	9.053	105	9509801	187.67	UG/L	#	92
93) 1,3-DICHLOROBENZENE	9.128	146	5549879	213.70	UG/L		98
94) P-ISOPROPYLTOLUENE	9.209	119	7967657	186.37	UG/L		93
95) 1,4-DICHLOROBENZENE	9.220	146	5555939	185.89	UG/L		98
96) N-BUTYLBENZENE	9.608	91	7481998	193.33	UG/L		91
97) 1,2-DICHLOROBENZENE	9.572	146	5382759	208.25	UG/L		97
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	462124	194.23	UG/L	#	69
99) 1,3,5-TRICHLOROBENZENE	10.553	180	3710744	202.96	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	3163647	220.85	UG/L		100
101) HEXACHLOROBUTADIENE	11.345	225	1400106	214.62	UG/L		97
102) NAPHTHALENE	11.381	128	6588685	235.14	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.621	180	2575274	235.64	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086019.D
Acq On : 26 Mar 2012 2:53 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 26 15:15:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0313W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Mar 22 10:34:32 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) PENTAFLUOROBENZENE - ISTD	3.275	168	590059	30.00 UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	913957	30.00 UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	492142	30.00 UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	519015	30.00 UG/L	# 0.00
System Monitoring Compounds					
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	232832	24.82 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%		
49) TOLUENE SS	5.486	98	856410	25.54 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%		
71) 4-BROMOFLUOROBENZENE SS	8.066	95	404111	24.75 UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.00%		
Target Compounds					Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	135547	19.73 UG/L	99
4) DIFLUOROCHLOROMETHANE	0.840	51	194994	13.58 UG/L	99
5) CHLOROMETHANE	0.913	50	101748	14.88 UG/L	99
6) VINYL CHLORIDE	0.960	62	95598	10.97 UG/L	99
7) BROMOMETHANE	1.100	94	35853	8.75 UG/L	96
8) CHLOROETHANE	1.144	64	46719	11.44 UG/L	95
9) FLUORODICHLOROMETHANE	1.228	67	151332	10.51 UG/L	100
10) TRICHLOROFLUOROMETHANE	1.253	101	145980	10.91 UG/L	98
11) ETHANOL	0.000		0	N.D. d	
12) DI ETHYL ETHER	1.387	59	62362	9.45 UG/L	97
13) ACROLEIN	1.454	56	84866	78.55 UG/L	99
14) ACETONE	1.529	43	192976	95.25 UG/L	100
15) 1,1-DICHLOROETHENE	1.501	61	130492	11.08 UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	77133	11.79 UG/L	98
17) IODOMETHANE	1.585	142	175545	14.81 UG/L	95
18) ACETONITRILE	1.694	41	109121	No Calib #	
19) ALLYL CHLORIDE	1.694	76	38391	No Calib	
20) METHYL ACETATE	1.708	43	63239	11.02 UG/L	97
21) T-BUTYL ALCOHOL	1.841	59	41777	68.34 UG/L #	81
22) ACRYLONITRILE	1.920	53	48182	9.87 UG/L	97
23) METHYLENE CHLORIDE	1.766	49	126155	10.28 UG/L	97
24) CARBON DISULFIDE	1.618	76	241972	12.64 UG/L #	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	327700	11.04 UG/L	98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	206549	10.72 UG/L	99
27) 1,1-DICHLOROETHANE	2.221	63	261371	11.01 UG/L	99
28) VINYL ACETATE	2.271	43	2792384	92.47 UG/L #	95
29) DI ISOPROYL ETHER	2.282	45	502357	11.58 UG/L	92
30) CHLOROPRENE	2.271	53	940	No Calib #	
31) 2-BUTANONE	2.739	43	498803	91.71 UG/L	98
32) T-BUTYL ETHYL ETHER	2.586	59	405396	10.66 UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.706	61	229239	9.95 UG/L	100
34) 2,2-DICHLOROPROPANE	2.700	77	161080	10.06 UG/L	99
35) ETHYL ACETATE	2.812	43	117554	7.84 UG/L	98
36) PROPIONITRILE	2.798	54	13809	No Calib #	
37) METHACRYLONITRILE	2.949	41	71994	No Calib #	
38) BROMOCHLOROMETHANE	2.940	49	143549	10.75 UG/L	93
39) TETRAHYDROFURAN	2.993	42	33353	9.59 UG/L #	79
40) CHLOROFORM	3.038	83	245734	10.74 UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.208	97	218782	10.68 UG/L	99
42) CYCLOHEXANE	3.252	56	252003	11.50 UG/L	96
43) CARBON TETRACHLORIDE	3.375	117	172222	10.36 UG/L	99
44) 1,1-DICHLOROPROPENE	3.384	75	186249	11.08 UG/L	99
45) BENZENE	3.593	78	552009	10.92 UG/L	98

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

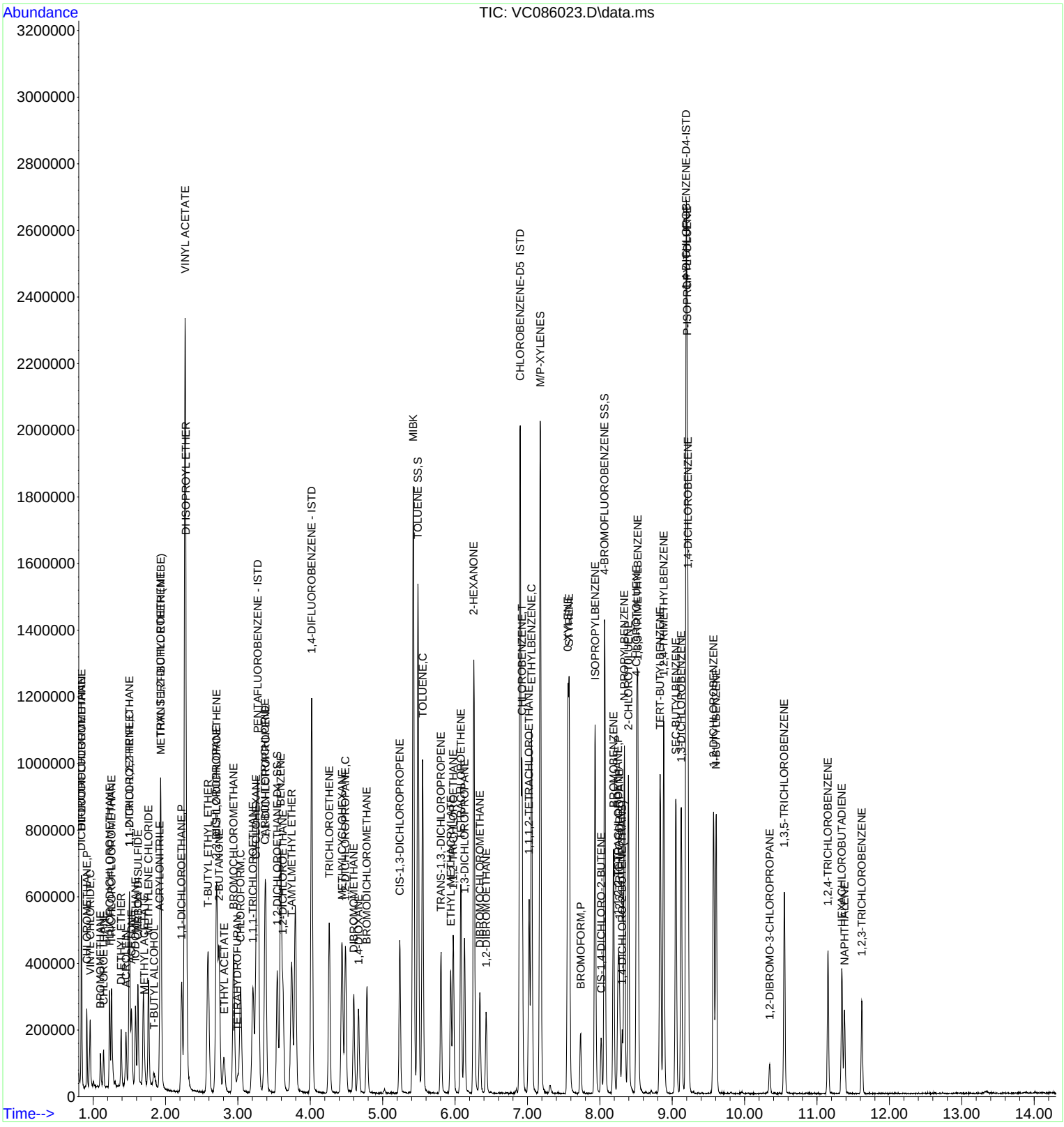
Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) ISOBUTANOL	3.740	41	39955	No Calib #	
47) T-AMYLMETHYL ETHER	3.743	73	319002	10.10 UG/L	100
50) 1,2-DICHLOROETHANE	3.621	62	208736	10.92 UG/L	100
51) TRICHLOROETHENE	4.262	95	148170	10.63 UG/L	99
52) METHYLCYCLOHEXANE	4.440	83	171235	11.40 UG/L	99
53) 1,2-DICHLOROPROPANE	4.485	63	142263	10.32 UG/L	97
54) DIBROMOMETHANE	4.599	93	92237	10.58 UG/L	97
55) METHYL METHACRYLATE	4.664	41	111264	No Calib #	
56) 1,4-DIOXANE	4.666	88	6131m	72.64 UG/L	
57) BROMODICHLOROMETHANE	4.781	83	169618	10.21 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	0.000		0	N.D. d	
59) MIBK	5.422	43	1125240	95.69 UG/L	94
60) CIS-1,3-DICHLOROPROPENE	5.235	75	205403	10.27 UG/L	97
61) TOLUENE	5.553	91	612176	11.05 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	175904	10.79 UG/L	100
63) ETHYL METHACRYLATE	5.941	69	151059	9.54 UG/L	100
64) 1,1,2-TRICHLOROETHANE	5.974	97	125215	10.40 UG/L	96
65) 2-HEXANONE	6.259	43	747341	97.14 UG/L	96
66) TETRACHLOROETHENE	6.080	166	163494	10.92 UG/L	98
67) 1,3-DICHLOROPROPANE	6.130	76	203927	10.71 UG/L	99
68) DIBROMOCHLOROMETHANE	6.342	129	127328	12.03 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	132224	10.57 UG/L	99
72) CHLOROBENZENE	6.925	112	432334	11.34 UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	137030	10.99 UG/L	99
74) ETHYLBENZENE	7.056	91	682758	10.71 UG/L	99
75) M/P-XYLENES	7.179	91	1062155	21.88 UG/L	98
76) 0-XYLENE	7.558	91	557991	11.55 UG/L	100
77) STYRENE	7.578	104	454617	10.86 UG/L	97
78) BROMOFORM	7.737	173	68513	13.00 UG/L	99
79) ISOPROPYLBENZENE	7.935	105	627739	11.37 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	33317	6.95 UG/L	82
81) 1,1,2,2-TETRACHLOROETHANE	8.253	83	148025	10.29 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	36779	7.52 UG/L #	83
83) BROMOBENZENE	8.191	77	251307	10.48 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	110998	9.98 UG/L	97
85) N-PROPYLBENZENE	8.339	91	713122	11.40 UG/L	97
86) 2-CHLOROT0LUENE	8.395	91	456088	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	510977	10.40 UG/L	100
88) 4-CHLOROTOLUENE	8.506	91	532561	11.44 UG/L	100
90) TERT-BUTYLBENZENE	8.833	119	425230	11.20 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	526133	10.47 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	570025	11.35 UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	317920	11.20 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	485589	11.10 UG/L	100
95) 1,4-DICHLOROBENZENE	9.217	146	323110	10.42 UG/L	98
96) N-BUTYLBENZENE	9.608	91	399961	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.572	146	307598	11.13 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	16403	9.54 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.548	180	167702	9.24 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	106779	8.53 UG/L	97
101) HEXACHLOROBUTADIENE	11.345	225	64835	9.93 UG/L	97
102) NAPHTHALENE	11.381	128	164972	8.26 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	73606	8.52 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086023.D
Acq On : 26 Mar 2012 4:53 pm
Operator :
Sample : 8260 LFB 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 27 12:42:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	109	0.1030032	0.111999		8.7	20	
Acrylonitrile	A	10.0	9.51	0.2481854	0.2359217		-4.9	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.606343	1.692151		5.3	20	
Benzene	A	10.0	10.9	2.571233	2.813271		9.4	20	
Bromobenzene	A	10.0	10.7	1.462006	1.563607		6.9	20	
Bromochloromethane	A	10.0	11.0	0.6789636	0.7471178		10.0	20	
Bromodichloromethane	A	10.0	9.91	0.5452682	0.5403191		-0.9	20	
Bromoform	A	10.0	12.1	0.321342	0.3884255		20.9	20	*
Bromomethane	L	10.0	7.55	0.3680515	0.1609639		-24.5	20	*
2-Butanone (MEK)	A	100	96.5	0.2765387	0.2668486		-3.5	20	
tert-Butyl Alcohol (TBA)	A	100	78.3	3.108169E-02	2.433383E-02		-21.7	20	*
n-Butylbenzene	A	10.0	11.0	2.100922	2.31152		10.0	20	
sec-Butylbenzene	A	10.0	11.4	2.902096	3.321214		14.4	20	
tert-Butylbenzene	A	10.0	11.4	2.195128	2.493284		13.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.0	1.933694	2.117578		9.5	20	
Carbon Disulfide	A	100	12.2	0.9730355	0.1191586		-87.8	20	*
Carbon Tetrachloride	A	10.0	9.89	0.8450429	0.8358214		-1.1	20	
Chlorobenzene	A	10.0	11.2	2.32315	2.602175		12.0	20	
Chlorodibromomethane	A	10.0	11.4	0.3473243	0.3957011		13.9	20	
Chloroethane	A	10.0	11.4	0.2076187	0.2363387		13.8	20	
Chloroform	A	10.0	10.7	1.163696	1.241385		6.7	20	
Chloromethane	A	10.0	14.5	0.3477195	0.5037743		44.9	20	*
2-Chlorotoluene	A	10.0	11.1	2.50024	2.779194		11.2	20	
4-Chlorotoluene	A	10.0	11.5	2.837575	3.251544		14.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.21	9.870397E-02	9.034847E-02		-7.9	20	
1,2-Dibromoethane (EDB)	A	10.0	10.4	0.4107707	0.4291061		4.5	20	
Dibromomethane	A	10.0	10.4	0.2860706	0.2969186		3.8	20	
1,2-Dichlorobenzene	A	10.0	11.5	1.597415	1.838565		15.1	20	
1,3-Dichlorobenzene	A	10.0	11.5	1.641262	1.890719		15.2	20	
1,4-Dichlorobenzene	A	10.0	10.6	1.792848	1.90703		6.4	20	
trans-1,4-Dichloro-2-butene	L	10.0	7.36	0.2547239	0.2193148		-26.4	20	*
Dichlorodifluoromethane (Freon 12)	L	10.0	18.4	0.4172903	0.6446896		84.0	20	*
1,1-Dichloroethane	A	10.0	11.0	1.206503	1.332607		10.5	20	
1,2-Dichloroethane	A	10.0	10.5	0.627319	0.6605136		5.3	20	
1,1-Dichloroethylene	A	10.0	11.2	0.5988157	0.6683013		11.6	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	1.170904	1.196374		2.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.7	0.9797238	1.049715		7.1	20	
1,2-Dichloropropane	A	10.0	10.6	0.45256	0.4795258		6.0	20	
1,3-Dichloropropane	A	10.0	10.6	0.6250267	0.6634918		6.2	20	
2,2-Dichloropropane	A	10.0	9.61	0.8138662	0.7822688		-3.9	20	
1,1-Dichloropropene	A	10.0	10.9	0.8549716	0.9341216		9.3	20	
cis-1,3-Dichloropropene	A	10.0	9.85	0.6567923	0.6466842		-1.5	20	
trans-1,3-Dichloropropene	A	10.0	10.6	0.5352389	0.5687225		6.3	20	
Diethyl Ether	A	10.0	9.42	0.3356409	0.3163376		-5.8	20	
Diisopropyl Ether (DIPE)	A	10.0	11.7	2.204692	2.582586		17.1	20	
1,4-Dioxane	A	100	95.4	2.770592E-03	2.644351E-03		-4.6	20	
Ethylbenzene	A	10.0	10.7	3.887438	4.165676		7.2	20	
Hexachlorobutadiene	A	10.0	10.1	0.3774104	0.3798043		0.6	20	
2-Hexanone (MBK)	A	100	98.7	0.252538	0.2493323		-1.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	11.4	3.366944	3.842533		14.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	11.3	2.529679	2.857192		12.9	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	11.2	1.509584	1.683224		11.5	20
Methylene Chloride	A	10.0	11.3	0.6239754	0.7072635		13.3	20
4-Methyl-2-pentanone (MIBK)	A	100	95.4	0.3859875	0.3682757		-4.6	20
Naphthalene	L	10.0	8.27	1.263455	0.9549307		-17.3	20
n-Propylbenzene	A	10.0	11.4	3.811691	4.353741		14.2	20
Styrene	A	10.0	10.9	2.551661	2.775792		8.8	20
1,1,1,2-Tetrachloroethane	A	10.0	10.6	0.7600253	0.807333		6.2	20
1,1,2,2-Tetrachloroethane	A	10.0	9.92	0.8770334	0.8703875		-0.8	20
Tetrachloroethylene	A	10.0	10.8	0.4914294	0.5300389		7.9	20
Tetrahydrofuran	A	10.0	8.76	0.1768134	0.1549198		-12.4	20
Toluene	A	10.0	11.1	1.819296	2.013213		10.7	20
1,2,3-Trichlorobenzene	L	10.0	8.73	0.5202717	0.4407645		-12.7	20
1,2,4-Trichlorobenzene	L	10.0	8.88	0.6052513	0.6488941		-11.2	20
1,3,5-Trichlorobenzene	L	10.0	9.29	0.8128833	0.9747509		-7.1	20
1,1,1-Trichloroethane	A	10.0	10.5	1.04186	1.090873		4.7	20
1,1,2-Trichloroethane	A	10.0	10.5	0.3953447	0.4144687		4.8	20
Trichloroethylene	A	10.0	10.9	0.4576472	0.4972316		8.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	10.7	0.6799885	0.7268739		6.9	20
1,2,3-Trichloropropane	A	10.0	10.1	0.6778576	0.6851495		1.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.8	0.3325636	0.3930479		18.2	20
1,2,4-Trimethylbenzene	A	10.0	10.6	2.905379	3.086695		6.2	20

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200042
Lab File ID:	VC086031.D	Calibration Date:	03/26/12 16:59
Sequence:	S002043	Injection Date:	03/26/12
Lab Sample ID:	S002043-CCV1	Injection Time:	20:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.5	2.996066	3.137424		4.7	20
Vinyl Chloride	A	10.0	10.9	0.4431725	0.4814664		8.6	20
m+p Xylene	A	20.0	21.9	2.959415	3.240235		9.5	20
o-Xylene	A	10.0	11.7	2.945278	3.439996		16.8	20
1,2-Dichloroethane-d4	A	25.0	24.7	0.476943	0.4716744		-1.1	
Toluene-d8	A	25.0	25.4	1.100462	1.118038		1.6	
4-Bromofluorobenzene	A	25.0	24.6	0.9951497	0.9787205		-1.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

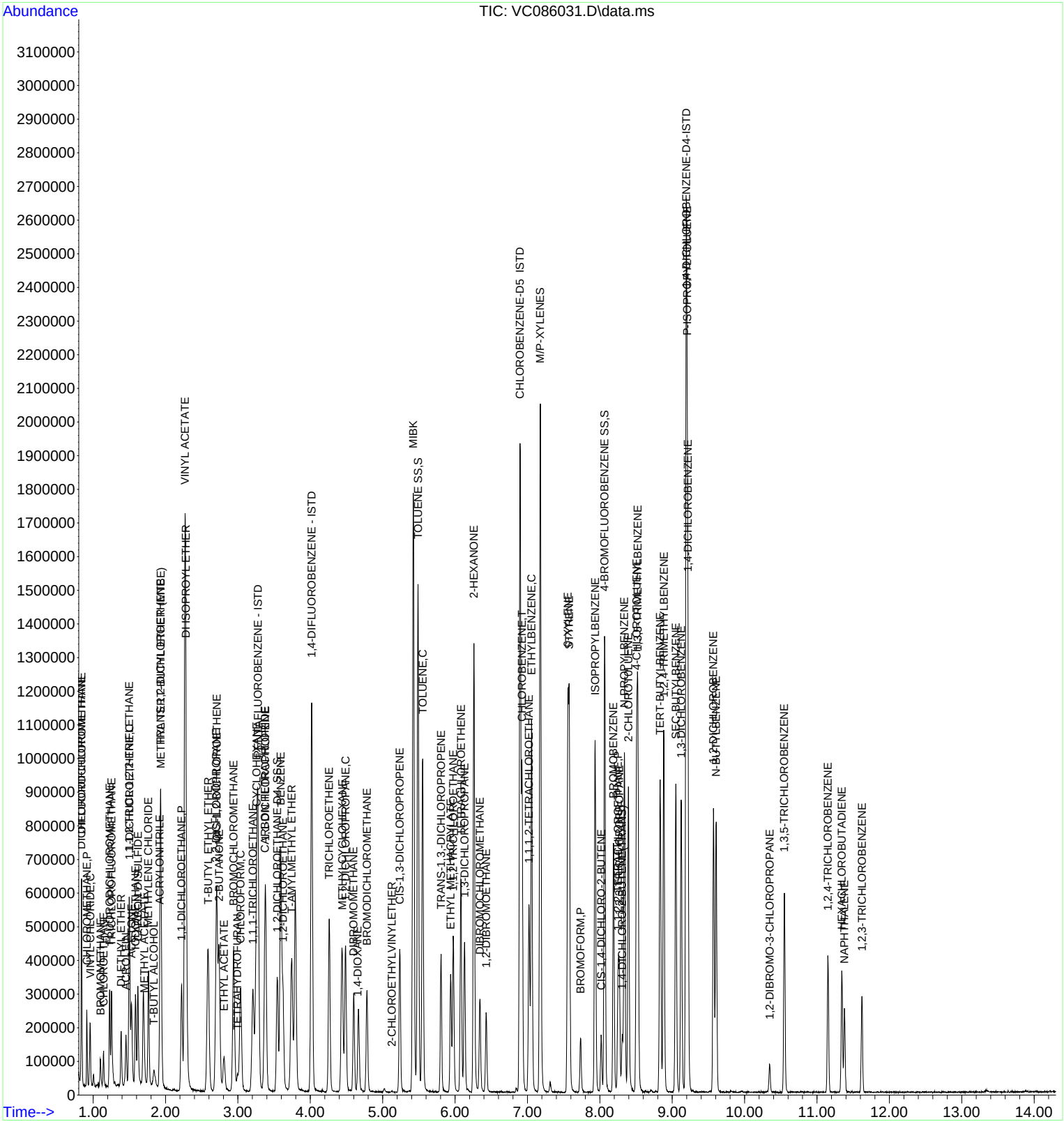
Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B048557-BS1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.28	588990	3.27	96	50 - 200	0.0100	+/-0.50	
1,4-Difluorobenzene	898519	4.02	930510	4.02	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	480679	6.9	488427	6.9	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.19	507149	9.19	99	50 - 200	0.0000	+/-0.50	
Calibration Check (S002043-CCV1)			*Lab File ID: VC086031.D*			*Analyzed: 03/26/12 20:54*			
Pentafluorobenzene	568320	3.277	588990	3.27	96	50 - 200	0.0070	+/-0.50	
1,4-Difluorobenzene	898519	4.019	930510	4.02	97	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	480679	6.897	488427	6.9	98	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	500097	9.195	507149	9.19	99	50 - 200	0.0050	+/-0.50	
LCS Dup (B048557-BSD1)			*Lab File ID: VC086032.D*			*Analyzed: 03/26/12 21:24*			
Pentafluorobenzene	595410	3.27	568320	3.277	105	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	942826	4.02	898519	4.019	105	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	498289	6.9	480679	6.897	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	520398	9.19	500097	9.195	104	50 - 200	-0.0050	+/-0.50	
Blank (B048557-BLK1)			*Lab File ID: VC086034.D*			*Analyzed: 03/26/12 22:24*			
Pentafluorobenzene	583399	3.28	568320	3.277	103	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	919390	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	488679	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	479968	9.19	500097	9.195	96	50 - 200	-0.0050	+/-0.50	
TB32012-04 (12C0620-01)			*Lab File ID: VC086036.D*			*Analyzed: 03/26/12 23:24*			
Pentafluorobenzene	585450	3.28	568320	3.277	103	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	920049	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	489552	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	468750	9.19	500097	9.195	94	50 - 200	-0.0050	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002043	Instrument:	GCMSVOA3
		Calibration:	1200042

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-31D-March 2012 (12C0620-02)			*Lab File ID: VC086046.D*			*Analyzed: 03/27/12 04:25*			
Pentafluorobenzene	574875	3.28	568320	3.277	101	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	920342	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	484305	6.9	480679	6.897	101	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	456661	9.19	500097	9.195	91	50 - 200	-0.0050	+/-0.50	
MW-31C-March 2012 (12C0620-03)			*Lab File ID: VC086047.D*			*Analyzed: 03/27/12 04:55*			
Pentafluorobenzene	571258	3.27	568320	3.277	101	50 - 200	-0.0070	+/-0.50	
1,4-Difluorobenzene	912453	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	482700	6.9	480679	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	469445	9.19	500097	9.195	94	50 - 200	-0.0050	+/-0.50	
MW-31B-March 2012 (12C0620-04)			*Lab File ID: VC086048.D*			*Analyzed: 03/27/12 05:25*			
Pentafluorobenzene	576615	3.28	568320	3.277	101	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	932587	4.02	898519	4.019	104	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	492198	6.9	480679	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	452115	9.2	500097	9.195	90	50 - 200	0.0050	+/-0.50	
MW-46D-March 2012 (12C0620-05)			*Lab File ID: VC086049.D*			*Analyzed: 03/27/12 05:55*			
Pentafluorobenzene	573312	3.28	568320	3.277	101	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	915795	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	484397	6.9	480679	6.897	101	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	475892	9.2	500097	9.195	95	50 - 200	0.0050	+/-0.50	
MW-46C-March 2012 (12C0620-06)			*Lab File ID: VC086050.D*			*Analyzed: 03/27/12 06:26*			
Pentafluorobenzene	568509	3.28	568320	3.277	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	919274	4.02	898519	4.019	102	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	483905	6.9	480679	6.897	101	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	453837	9.19	500097	9.195	91	50 - 200	-0.0050	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	V-05
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	2.0	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BLK1	File ID:	VC086034.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 22:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

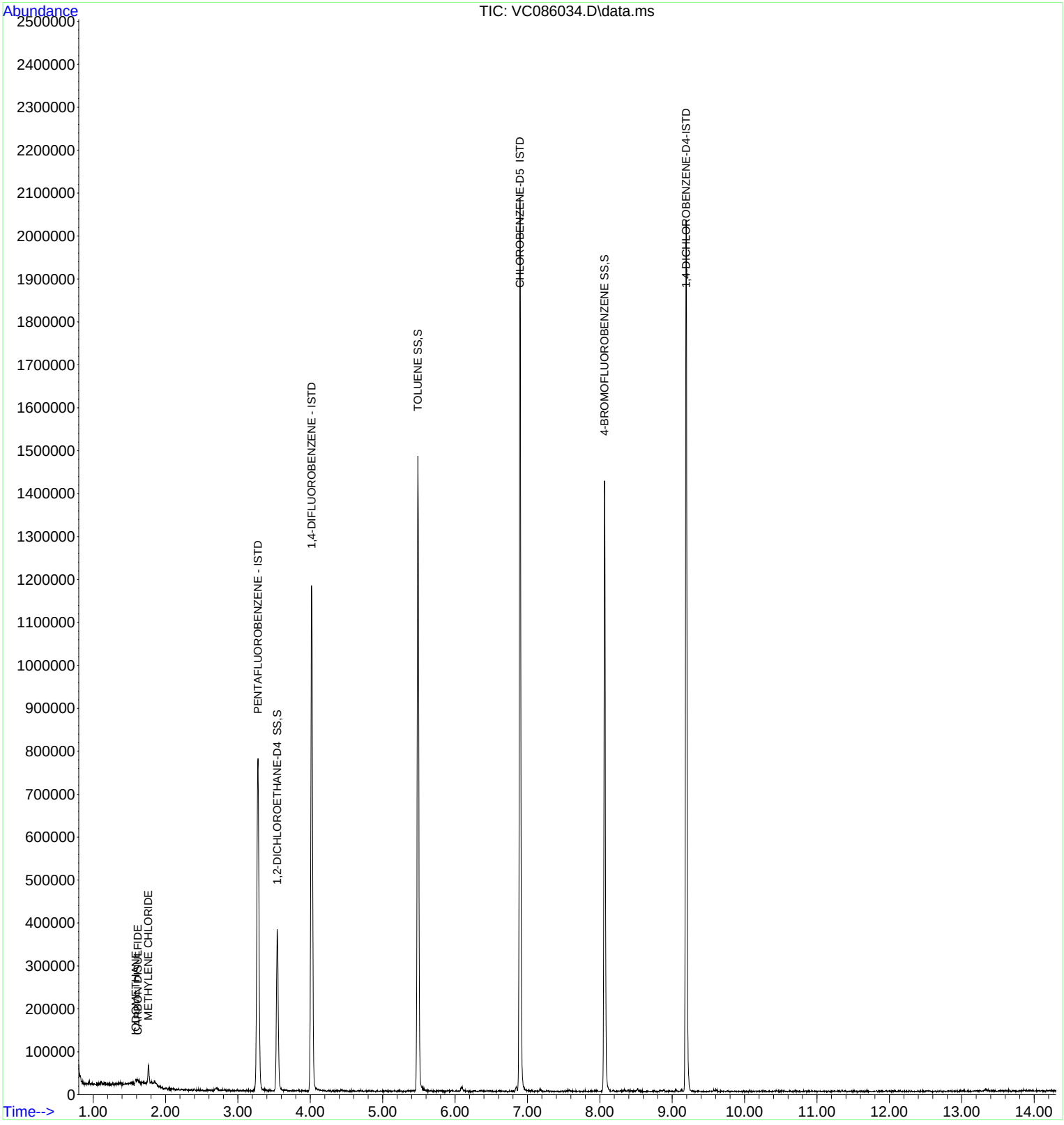
Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

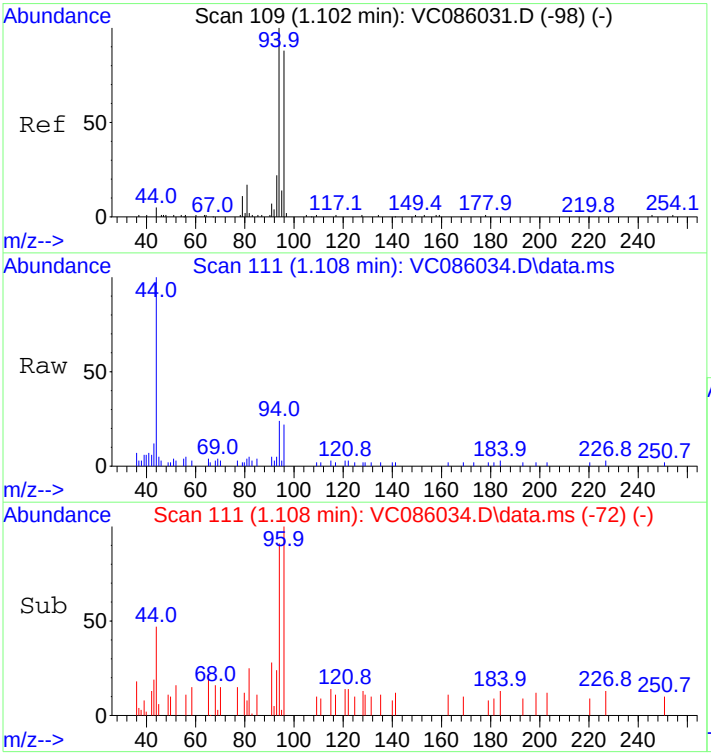
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	583399	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	919390	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488679	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	479968	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	238454	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.84%			
49) TOLUENE SS	5.486	98	849589	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	392626	24.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.88%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.108	94	2255	Below Cal		97
17) IODOMETHANE	1.588	142	18573m	1.59	UG/L	
23) METHYLENE CHLORIDE	1.763	49	16724	1.38	UG/L	95
24) CARBON DISULFIDE	1.616	76	2556	0.14	UG/L #	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086034.D
Acq On : 26 Mar 2012 10:24 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 27 10:26:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

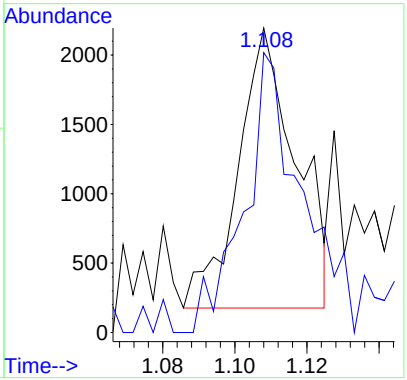


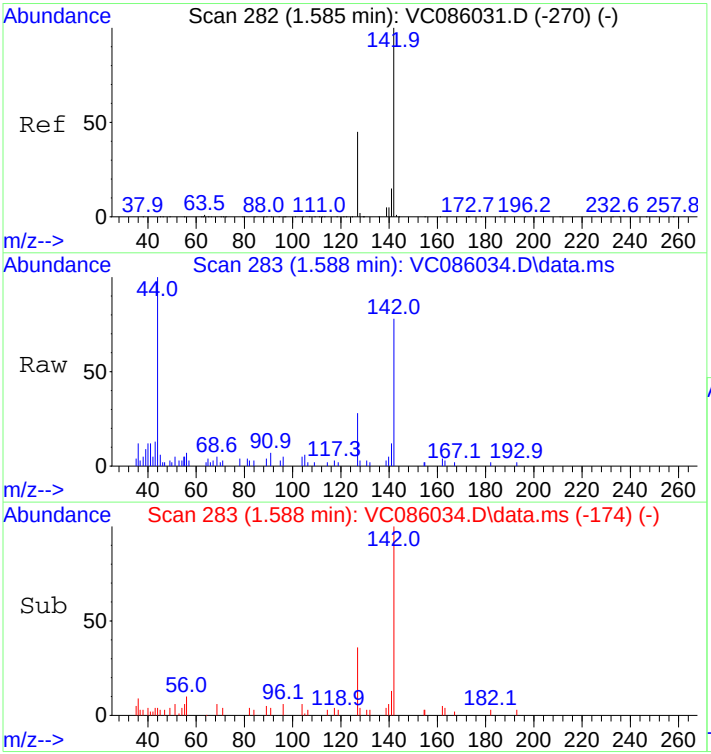


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.108 min Scan# 111
Delta R.T. 0.009 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 94 Resp: 2255

Ion	Ratio	Lower	Upper
94	100		
96	98.6	76.2	114.2

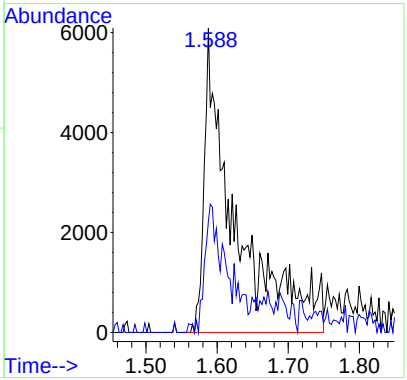


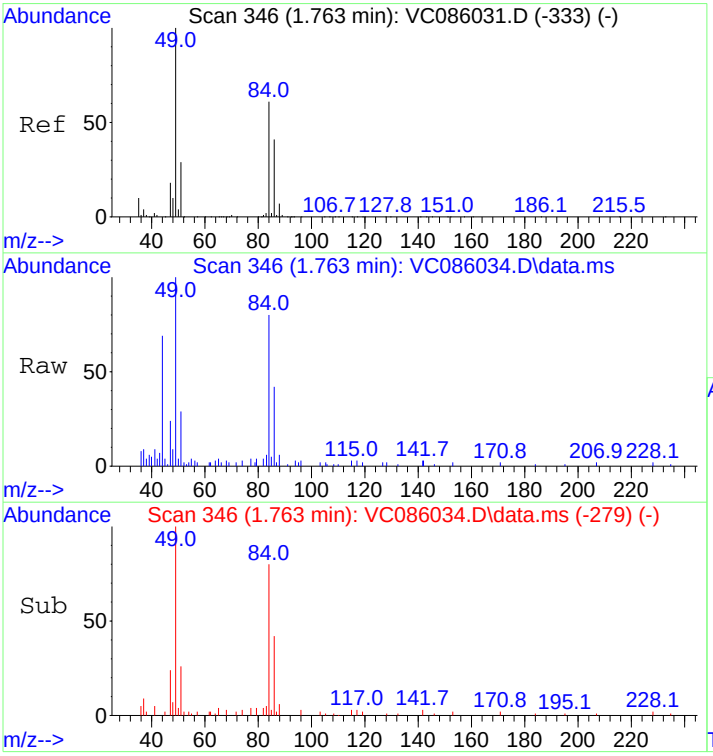


#17
IODOMETHANE
Concen: 1.59 UG/L m
RT: 1.588 min Scan# 283
Delta R.T. 0.004 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion:142 Resp: 18573

Ion	Ratio	Lower	Upper
142	100		
127	16.8	36.8	55.2#

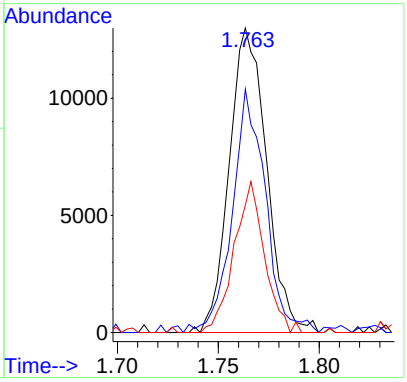


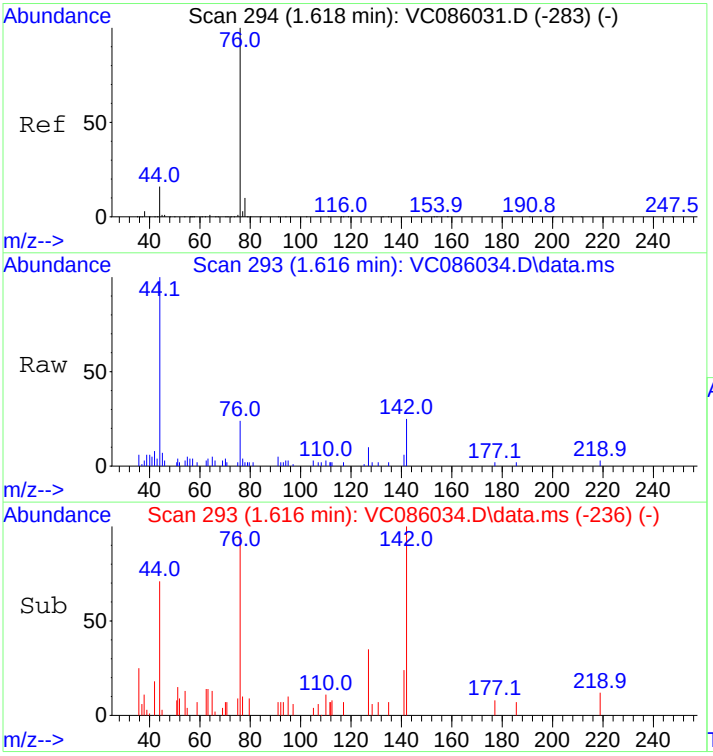


#23
METHYLENE CHLORIDE
Concen: 1.38 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 49 Resp: 16724

Ion	Ratio	Lower	Upper
49	100		
84	70.8	57.8	86.6
86	40.3	37.1	55.7

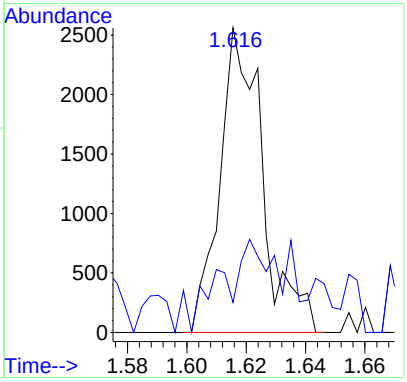




#24
CARBON DISULFIDE
Concen: 0.14 UG/L
RT: 1.616 min Scan# 293
Delta R.T. -0.005 min
Lab File: VC086034.D
Acq: 26 Mar 2012 10:24 pm

Tgt Ion: 76 Resp: 2556

Ion	Ratio	Lower	Upper
76	100		
78	20.1	0.0	0.0#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	109	0.54	50	
107-13-1	Acrylonitrile	9.51	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.9	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.91	0.080	0.50	
75-25-2	Bromoform	12.1	0.25	1.0	V-20
74-83-9	Bromomethane	7.55	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	96.5	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	78.3	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	11.0	0.050	1.0	
135-98-8	sec-Butylbenzene	11.4	0.050	1.0	
98-06-6	tert-Butylbenzene	11.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.0	0.070	0.50	
75-15-0	Carbon Disulfide	12.2	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.89	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	11.4	0.33	2.0	
67-66-3	Chloroform	10.7	0.040	2.0	
74-87-3	Chloromethane	14.5	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	11.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.5	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.21	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.4	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.36	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	18.4	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.7	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.6	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.6	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.85	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.6	0.12	0.50	
60-29-7	Diethyl Ether	9.42	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.7	0.030	0.50	
123-91-1	1,4-Dioxane	95.4	3.5	50	V-16
100-41-4	Ethylbenzene	10.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	2.0	
591-78-6	2-Hexanone (MBK)	98.7	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.4	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BS1	File ID:	VC086031.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 20:54
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.3	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	95.4	0.22	10	
91-20-3	Naphthalene	8.27	0.21	2.0	
103-65-1	n-Propylbenzene	11.4	0.040	1.0	
100-42-5	Styrene	10.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.6	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.92	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	8.76	1.0	10	
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.73	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.88	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.29	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.080	1.0	
79-01-6	Trichloroethylene	10.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.8	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.6	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.5	0.060	1.0	
75-01-4	Vinyl Chloride	10.9	0.16	2.0	
108383/106423	m+p Xylene	21.9	0.070	2.0	
95-47-6	o-Xylene	11.7	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	568320	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	480679	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	500097	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	223385	24.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%				
49) TOLUENE SS	5.489	98	837149	25.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	392042	24.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	122130	18.40	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	190442	13.77	UG/L		99
5) CHLOROMETHANE	0.913	50	95435	14.49	UG/L		99
6) VINYL CHLORIDE	0.960	62	91209	10.86	UG/L		99
7) BROMOMETHANE	1.102	94	30493	7.55	UG/L		99
8) CHLOROETHANE	1.144	64	44772	11.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	153178	11.04	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	137699	10.69	UG/L		97
12) DI ETHYL ETHER	1.387	59	59927	9.42	UG/L		99
13) ACROLEIN	1.454	56	77119	74.11	UG/L		99
14) ACETONE	1.529	43	212171	108.73	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	126603	11.16	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	74459	11.82	UG/L		99
17) IODOMETHANE	1.585	142	223632	19.59	UG/L		96
20) METHYL ACETATE	1.707	43	64078	11.60	UG/L		96
21) T-BUTYL ALCOHOL	1.838	59	46098	78.29	UG/L	#	87
22) ACRYLONITRILE	1.919	53	44693	9.51	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	133984	11.33	UG/L		95
24) CARBON DISULFIDE	1.618	76	225734	12.25	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	318870	11.15	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.930	61	198858	10.71	UG/L		99
27) 1,1-DICHLOROETHANE	2.220	63	252449	11.05	UG/L		100
28) VINYL ACETATE	2.268	43	2025104	69.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489245	11.71	UG/L		92
31) 2-BUTANONE	2.739	43	505518	96.50	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	401154	10.95	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	226641	10.22	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	148193	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	104199	7.22	UG/L	#	95
38) BROMOCHLOROMETHANE	2.940	49	141534	11.00	UG/L		93
39) TETRAHYDROFURAN	2.990	42	29348	8.76	UG/L	#	83
40) CHLOROFORM	3.035	83	235168	10.67	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	206655	10.47	UG/L		98
42) CYCLOHEXANE	3.258	56	240694	11.40	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	158338	9.89	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	176960	10.93	UG/L		100
45) BENZENE	3.593	78	532946	10.94	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	320561	10.53	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	197828	10.53	UG/L		99
51) TRICHLOROETHENE	4.259	95	148924	10.86	UG/L		98
52) METHYLCYCLOHEXANE	4.443	83	167032	11.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143621	10.60	UG/L		98
54) DIBROMOMETHANE	4.596	93	88929	10.38	UG/L		98

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

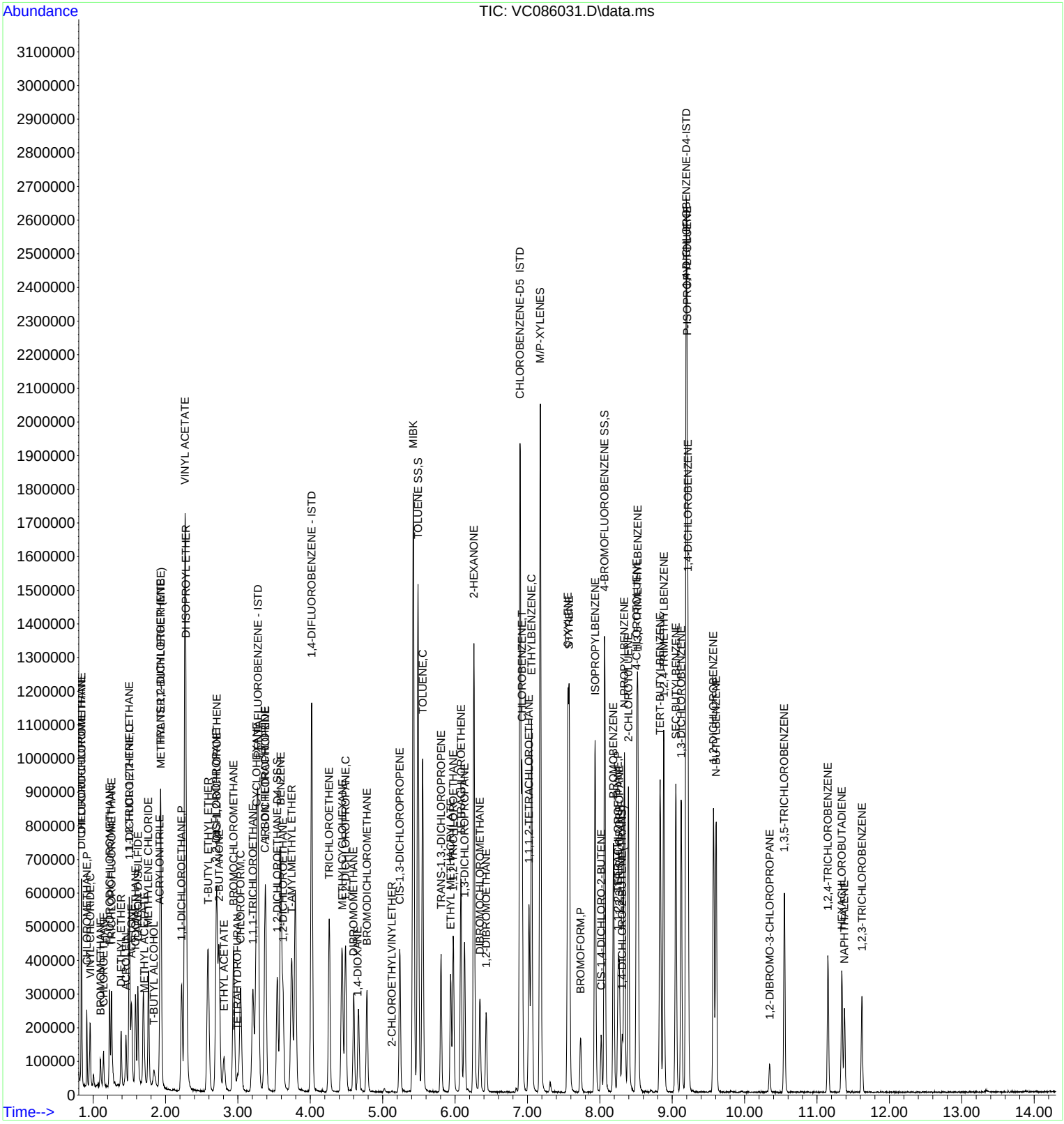
Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.655	88	7920	95.44 UG/L #	56
57) BROMODICHLOROMETHANE	4.783	83	161829	9.91 UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.126	63	659	0.11 UG/L	92
59) MIBK	5.422	43	1103009	95.41 UG/L #	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	193686	9.85 UG/L	99
61) TOLUENE	5.553	91	602970	11.07 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	170336	10.63 UG/L	96
63) ETHYL METHACRYLATE	5.938	69	141104	9.06 UG/L	97
64) 1,1,2-TRICHLOROETHANE	5.974	97	124136	10.48 UG/L	98
65) 2-HEXANONE	6.261	43	746766	98.73 UG/L	96
66) TETRACHLOROETHENE	6.083	166	158750	10.79 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	198720	10.62 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	118515	11.39 UG/L	98
69) 1,2-DIBROMOETHANE	6.429	107	128520	10.45 UG/L	100
72) CHLOROBENZENE	6.925	112	416937	11.20 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	129356	10.62 UG/L	99
74) ETHYLBENZENE	7.056	91	667451	10.72 UG/L	98
75) M/P-XYLENES	7.176	91	1038342	21.90 UG/L	96
76) 0-XYLENE	7.558	91	551178	11.68 UG/L	99
77) STYRENE	7.577	104	444755	10.88 UG/L	99
78) BROMOFORM	7.734	173	62236	12.09 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	615675	11.41 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	32098	6.86 UG/L #	81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	139459	9.92 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	35140	7.36 UG/L #	83
83) BROMOBENZENE	8.188	77	250531	10.69 UG/L	96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	109779	10.11 UG/L	96
85) N-PROPYLBENZENE	8.339	91	697584	11.42 UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	445300	11.12 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	502698	10.47 UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	520983	11.46 UG/L	100
90) TERT-BUTYLBENZENE	8.832	119	415628	11.36 UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.885	105	514549	10.62 UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	553643	11.44 UG/L	98
93) 1,3-DICHLOROBENZENE	9.125	146	315181	11.52 UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	476291	11.29 UG/L	99
95) 1,4-DICHLOROBENZENE	9.217	146	317900	10.64 UG/L	99
96) N-BUTYLBENZENE	9.608	91	385328	11.00 UG/L	97
97) 1,2-DICHLOROBENZENE	9.569	146	306487	11.51 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	15061	9.21 UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.547	180	162490	9.29 UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	108170	8.88 UG/L	98
101) HEXACHLOROBUTADIENE	11.345	225	63313	10.06 UG/L	100
102) NAPHTHALENE	11.378	128	159186	8.27 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	73475	8.73 UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032612\
Data File : VC086031.D
Acq On : 26 Mar 2012 8:54 pm
Operator :
Sample : S002043-CCV1 @ B0-BS1 / 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 27 10:23:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 09:39:23 2012
Response via : Initial Calibration



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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	121	0.54	50	
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.0	0.10	1.0	
74-97-5	Bromochloromethane	10.6	0.10	1.0	
75-27-4	Bromodichloromethane	9.41	0.080	0.50	
75-25-2	Bromoform	12.6	0.25	1.0	V-20
74-83-9	Bromomethane	8.36	0.38	2.0	V-05
78-93-3	2-Butanone (MEK)	110	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.0	3.5	20	V-05, V-16
104-51-8	n-Butylbenzene	10.2	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.7	0.070	0.50	
75-15-0	Carbon Disulfide	11.3	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.17	0.090	5.0	
108-90-7	Chlorobenzene	10.8	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	
75-00-3	Chloroethane	10.6	0.33	2.0	
67-66-3	Chloroform	10.2	0.040	2.0	
74-87-3	Chloromethane	13.7	0.13	2.0	V-20
95-49-8	2-Chlorotoluene	10.5	0.050	1.0	
106-43-4	4-Chlorotoluene	10.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.75	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.7	0.14	0.50	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.94	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.98	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	16.7	0.040	2.0	L-02, V-20
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	10.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.52	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.1	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.7	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.61	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.65	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.3	0.12	0.50	
60-29-7	Diethyl Ether	9.93	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.3	0.030	0.50	
123-91-1	1,4-Dioxane	93.7	3.5	50	V-16
100-41-4	Ethylbenzene	10.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.48	0.26	2.0	
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.7	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048557-BSD1	File ID:	VC086032.D
Sampled:		Prepared:	03/26/12 13:04	Analyzed:	03/26/12 21:24
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048557	Sequence:	S002043	Calibration:	1200042
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.6	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	109	0.22	10	
91-20-3	Naphthalene	9.04	0.21	2.0	
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	10.2	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	9.79	0.14	1.0	
109-99-9	Tetrahydrofuran	9.74	1.0	10	
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.47	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.82	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.69	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.1	0.080	1.0	
79-01-6	Trichloroethylene	10.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.85	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.2	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.97	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.75	0.060	1.0	
75-01-4	Vinyl Chloride	10.1	0.16	2.0	
108383/106423	m+p Xylene	20.4	0.070	2.0	
95-47-6	o-Xylene	10.9	0.050	1.0	

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	595410	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	942826	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.900	82	498289	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	520398	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	241216	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
49) TOLUENE SS	5.489	98	883300	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
71) 4-BROMOFLUOROBENZENE SS	8.063	95	410598	24.84	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	116656	16.68	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	184480	12.73	UG/L		96
5) CHLOROMETHANE	0.913	50	94323	13.67	UG/L		98
6) VINYL CHLORIDE	0.960	62	88684	10.08	UG/L		98
7) BROMOMETHANE	1.102	94	34799	8.36	UG/L		97
8) CHLOROETHANE	1.144	64	43526	10.56	UG/L		98
9) FLUORODICHLOROMETHANE	1.228	67	144468	9.94	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	132874	9.85	UG/L		98
12) DI ETHYL ETHER	1.387	59	66132	9.93	UG/L		98
13) ACROLEIN	1.454	56	95676	87.76	UG/L		96
14) ACETONE	1.532	43	247519	121.08	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	121029	10.18	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	73654	11.16	UG/L		96
17) IODOMETHANE	1.585	142	182522	15.26	UG/L		95
20) METHYL ACETATE	1.707	43	75598	13.06	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	56729	91.96	UG/L		96
22) ACRYLONITRILE	1.919	53	52943	10.75	UG/L		98
23) METHYLENE CHLORIDE	1.766	49	131639	10.63	UG/L		96
24) CARBON DISULFIDE	1.618	76	219004	11.34	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	349831	11.68	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	195827	10.07	UG/L		99
27) 1,1-DICHLOROETHANE	2.223	63	249694	10.43	UG/L		99
28) VINYL ACETATE	2.271	43	2522175	82.77	UG/L	#	94
29) DI ISOPROYL ETHER	2.285	45	496008	11.34	UG/L		91
31) 2-BUTANONE	2.739	43	601625	109.62	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	411836	10.73	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.709	61	221226	9.52	UG/L		100
34) 2,2-DICHLOROPROPANE	2.703	77	138999	8.61	UG/L		97
35) ETHYL ACETATE	2.809	43	134714	8.91	UG/L	#	93
38) BROMOCHLOROMETHANE	2.940	49	142389	10.57	UG/L		94
39) TETRAHYDROFURAN	2.996	42	34173	9.74	UG/L	#	87
40) CHLOROFORM	3.038	83	236087	10.22	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	207353	10.03	UG/L		97
42) CYCLOHEXANE	3.258	56	233927	10.58	UG/L		99
43) CARBON TETRACHLORIDE	3.372	117	153859	9.17	UG/L		98
44) 1,1-DICHLOROPROPENE	3.381	75	179271	10.56	UG/L		97
45) BENZENE	3.590	78	531195	10.41	UG/L		100
47) T-AMYLMETHYL ETHER	3.746	73	336060	10.54	UG/L		97
50) 1,2-DICHLOROETHANE	3.620	62	211358	10.72	UG/L		99
51) TRICHLOROETHENE	4.259	95	145874	10.14	UG/L		98
52) METHYLCYCLOHEXANE	4.435	83	159771	10.31	UG/L		97
53) 1,2-DICHLOROPROPANE	4.488	63	143940	10.12	UG/L		99
54) DIBROMOMETHANE	4.599	93	93649	10.42	UG/L		96

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

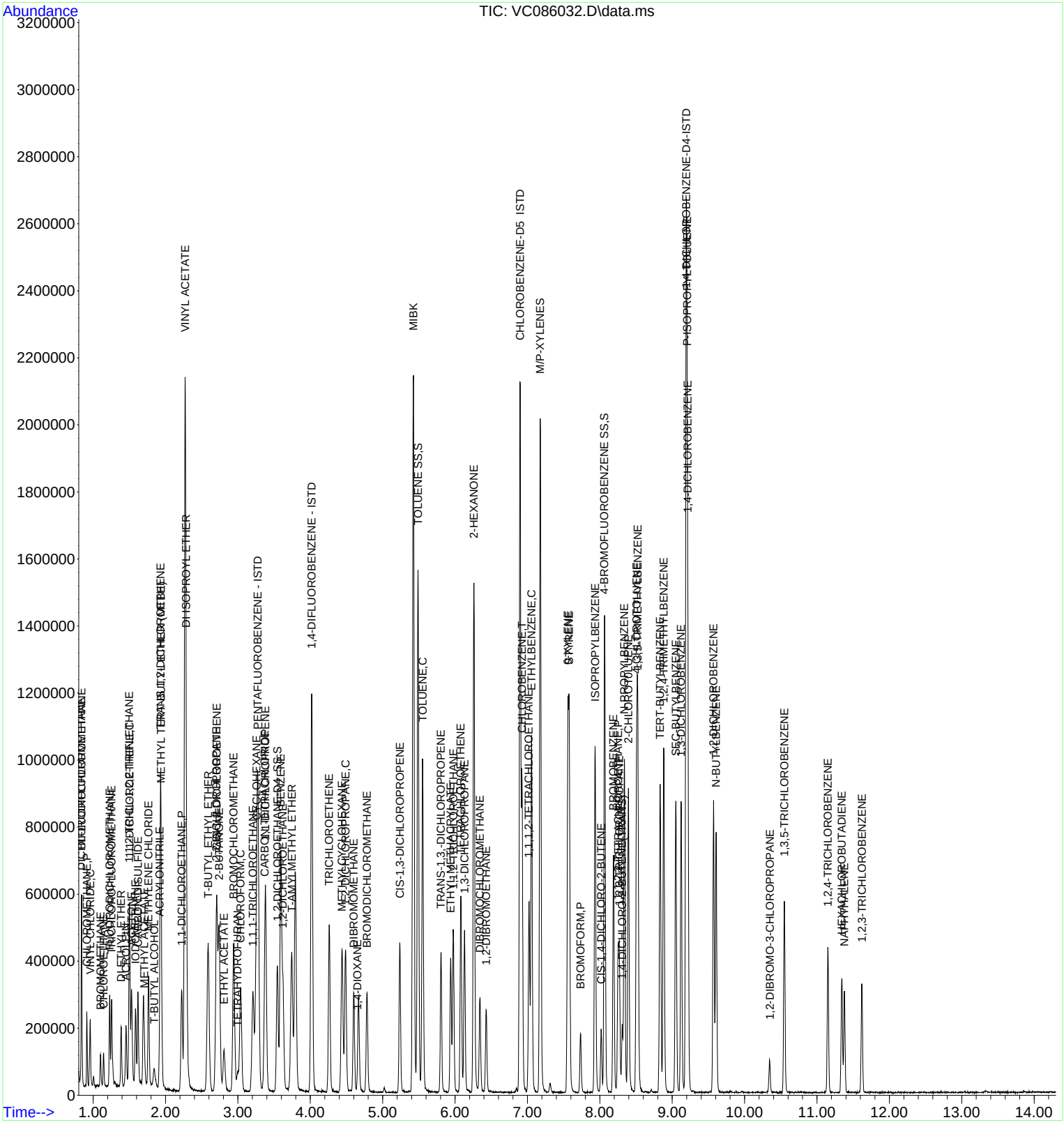
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.652	88	8159m	93.70	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	161248	9.41	UG/L		100
59) MIBK	5.425	43	1316460	108.52	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.238	75	199265	9.65	UG/L		98
61) TOLUENE	5.553	91	595587	10.42	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	173170	10.29	UG/L		99
63) ETHYL METHACRYLATE	5.938	69	158516	9.70	UG/L		97
64) 1,1,2-TRICHLOROETHANE	5.977	97	125798	10.12	UG/L		98
65) 2-HEXANONE	6.261	43	878745	110.72	UG/L		95
66) TETRACHLOROETHENE	6.077	166	151256	9.79	UG/L		98
67) 1,3-DICHLOROPROPANE	6.133	76	209635	10.67	UG/L		98
68) DIBROMOCHLOROMETHANE	6.345	129	124188	11.38	UG/L		98
69) 1,2-DIBROMOETHANE	6.429	107	137891	10.68	UG/L		100
72) CHLOROBENZENE	6.925	112	417954	10.83	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	128571	10.18	UG/L		98
74) ETHYLBENZENE	7.056	91	649637	10.06	UG/L		98
75) M/P-XYLENES	7.176	91	1003055	20.41	UG/L		96
76) 0-XYLENE	7.558	91	531213	10.86	UG/L		98
77) STYRENE	7.578	104	431047	10.17	UG/L		97
78) BROMOFORM	7.734	173	67449	12.64	UG/L		98
79) ISOPROPYLBENZENE	7.935	105	594380	10.63	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	36428	7.51	UG/L	#	79
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	157426	10.81	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	39681	7.98	UG/L	#	84
83) BROMOBENZENE	8.188	77	243022	10.01	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	122412	10.87	UG/L		95
85) N-PROPYLBENZENE	8.339	91	670990	10.60	UG/L		98
86) 2-CHLOROT0LUENE	8.395	91	435802	10.49	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	485357	9.75	UG/L		99
88) 4-CHLOROTOLUENE	8.509	91	505667	10.73	UG/L		100
90) TERT-BUTYLBENZENE	8.832	119	396413	10.41	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	502492	9.97	UG/L		98
92) SEC-BUTYLBENZENE	9.050	105	532824	10.58	UG/L		99
93) 1,3-DICHLOROBENZENE	9.122	146	306626	10.77	UG/L		99
94) P-ISOPROPYLTOLUENE	9.206	119	454697	10.36	UG/L		99
95) 1,4-DICHLOROBENZENE	9.214	146	309285	9.94	UG/L		99
96) N-BUTYLBENZENE	9.608	91	371706	10.20	UG/L		98
97) 1,2-DICHLOROBENZENE	9.571	146	299440	10.81	UG/L		98
98) 1,2-DIBROMO-3-CHLOROPR...	10.349	75	16932	9.75	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	158073	8.69	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	111523	8.82	UG/L		98
101) HEXACHLOROBUTADIENE	11.342	225	62081	9.48	UG/L		99
102) NAPHTHALENE	11.378	128	191164	9.04	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	86010	9.47	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032612\
Data File : VC086032.D
Acq On : 26 Mar 2012 9:24 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 27 10:25:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02	File ID:	E032712.D
Sampled:	03/20/12 09:32	Prepared:	03/27/12 08:38	Analyzed:	03/27/12 12:42
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032712.D Vial: 12
Acq On : 27 Mar 2012 12:42 pm Operator: WSD
Sample : 12C0620-02 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:12:59 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

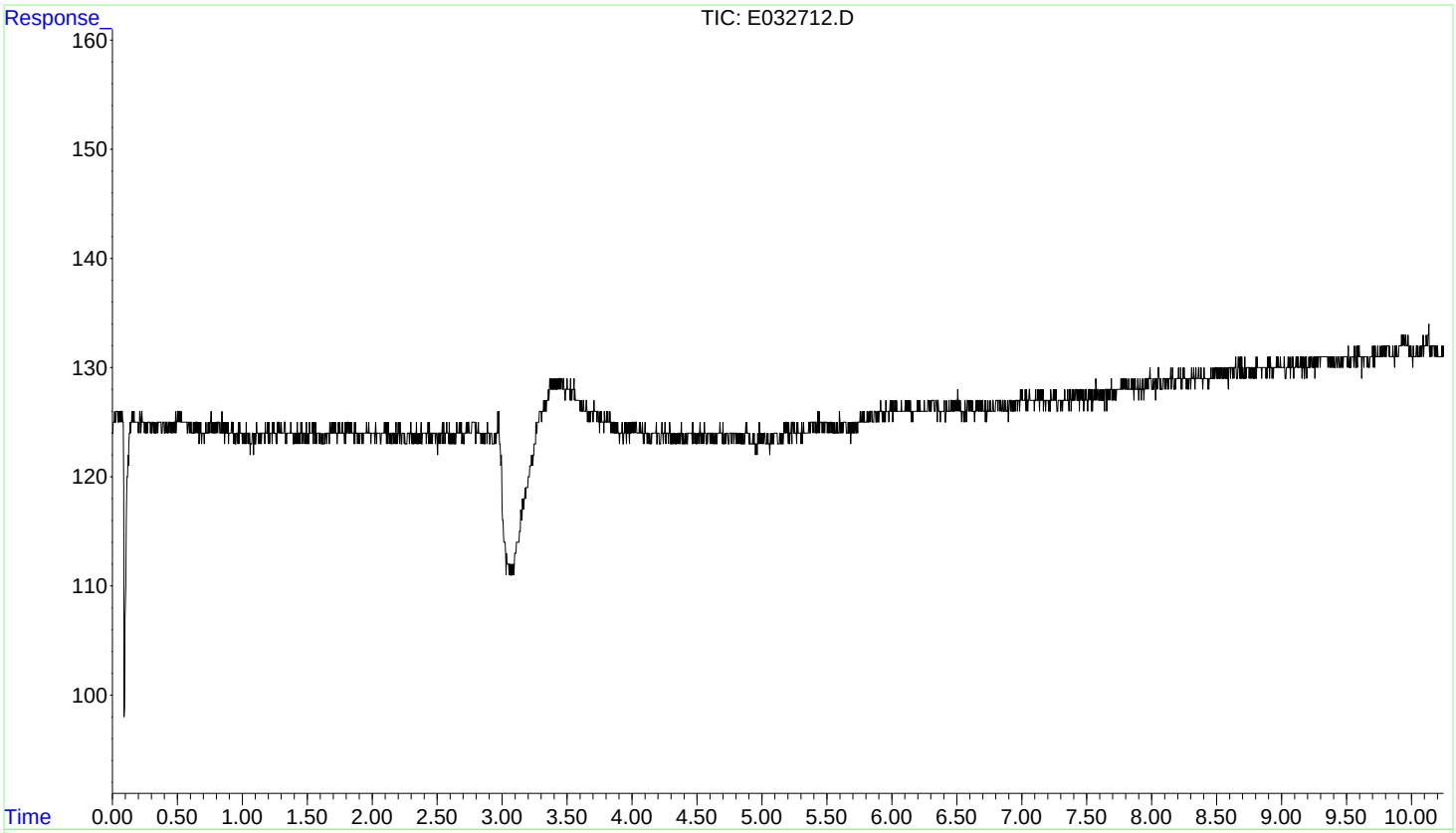
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

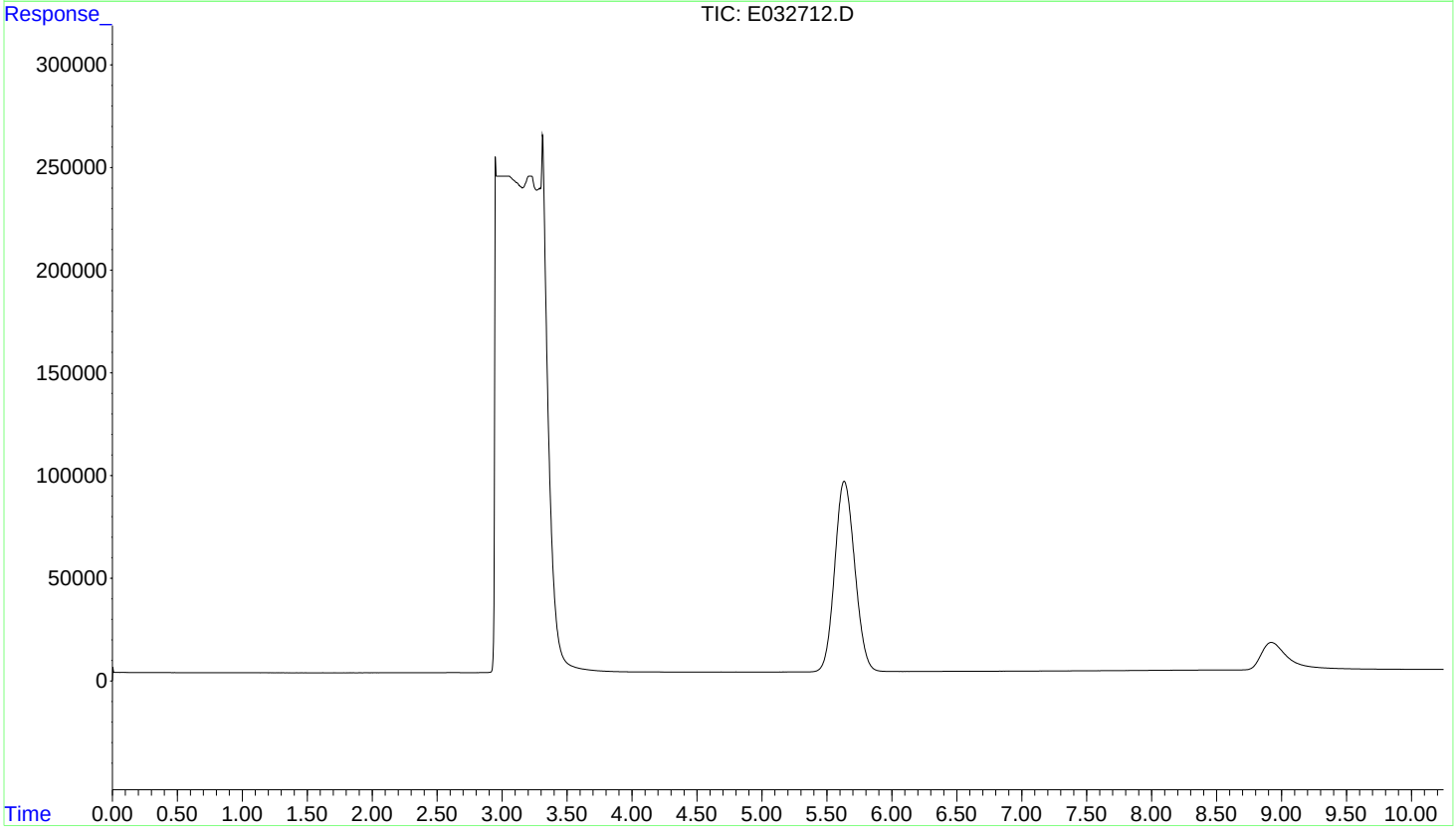
Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032712.D
Acq On : 27 Mar 2012 12:42 pm
Sample : 12C0620-02 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:12:59 2012

Vial: 12
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03	File ID:	E032713.D
Sampled:	03/20/12 10:45	Prepared:	03/27/12 08:38	Analyzed:	03/27/12 12:56
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

224

Data File : R:\E032712\E032713.D Vial: 13
Acq On : 27 Mar 2012 12:56 pm Operator: WSD
Sample : 12C0620-03 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:13:02 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.163	0	13518	N.D.	39.093m

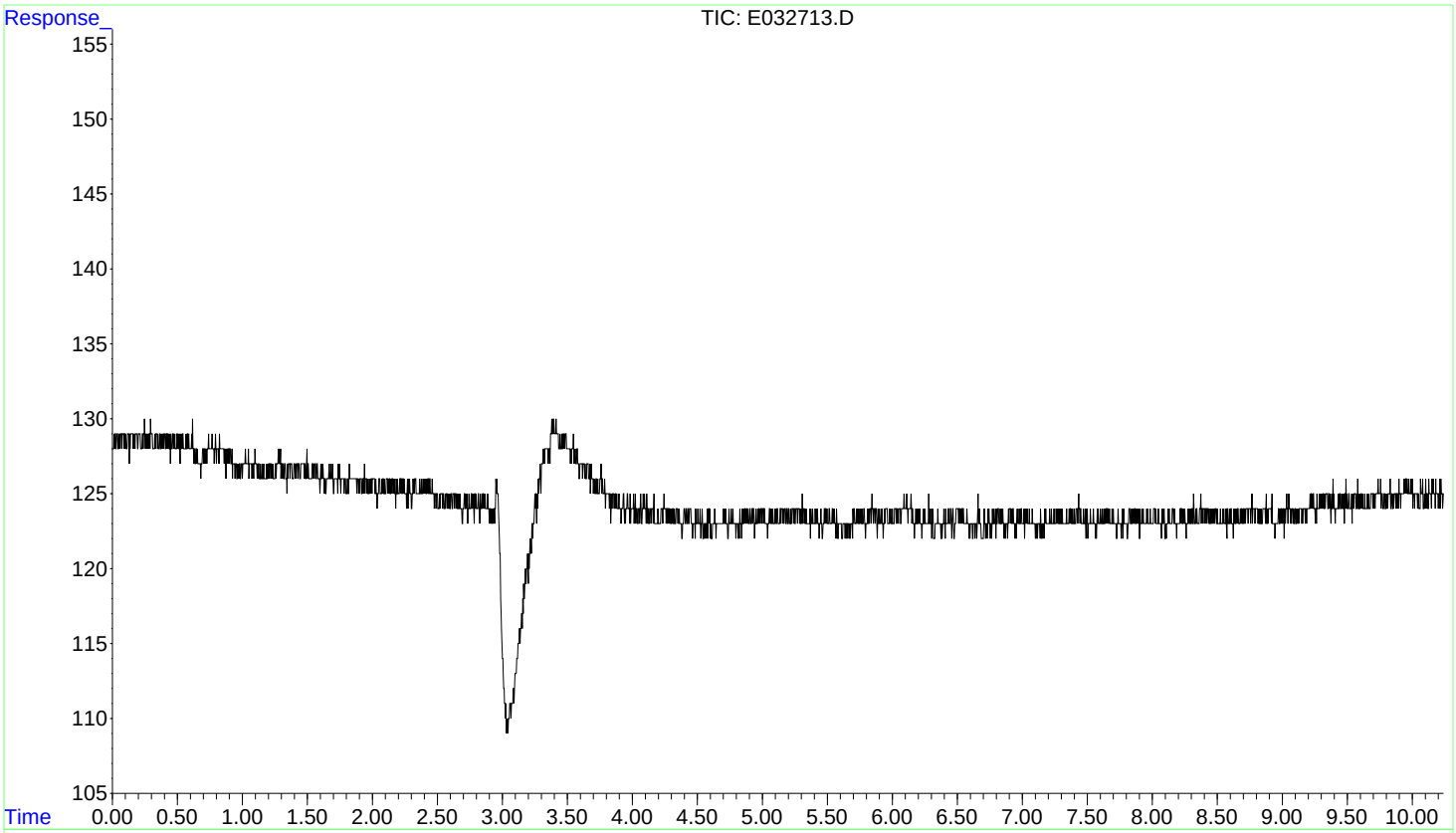
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

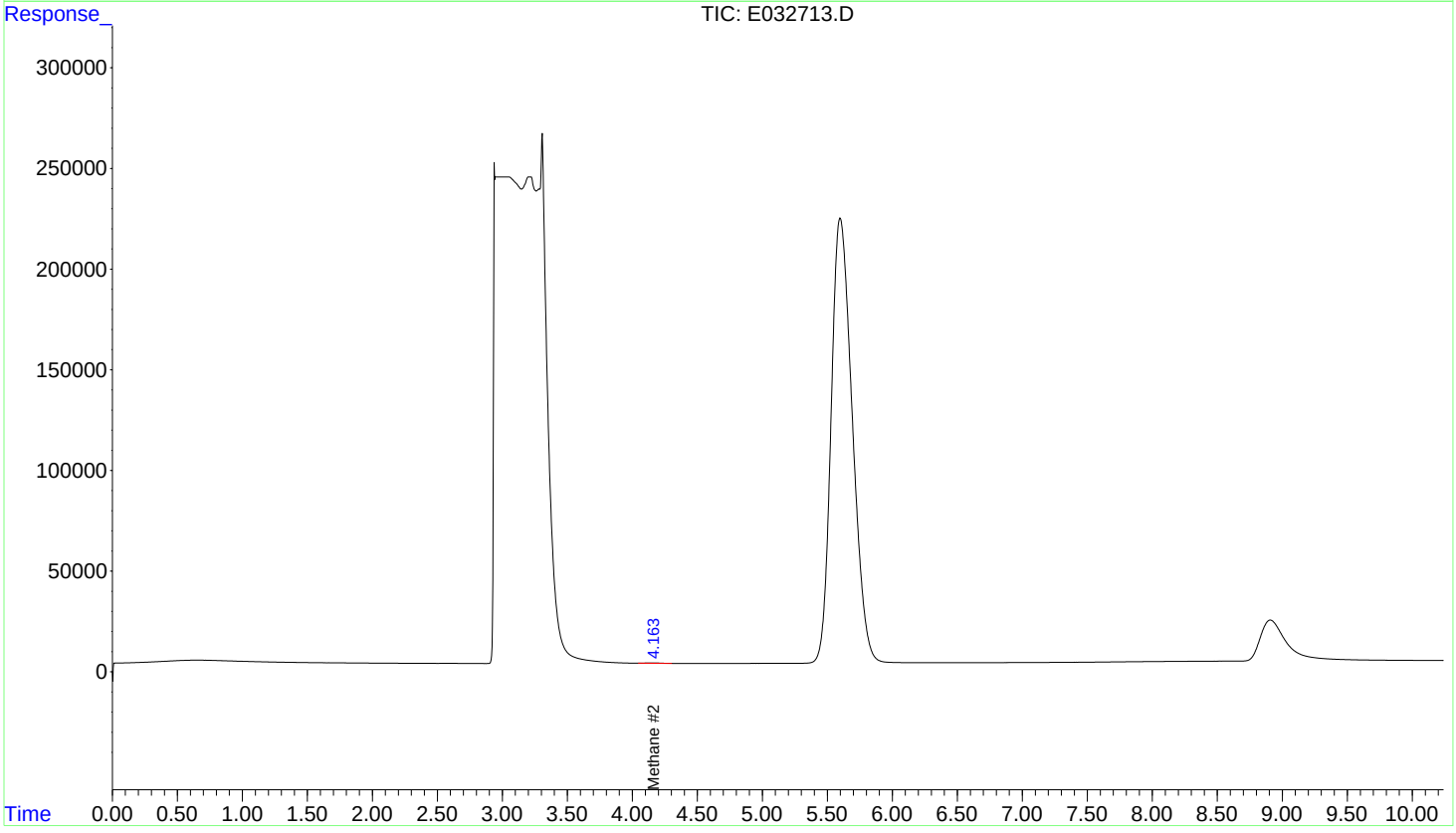
Data File : R:\E032712\E032713.D
Acq On : 27 Mar 2012 12:56 pm
Sample : 12C0620-03 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:13:02 2012

Vial: 13
Operator: WSD
Inst : HP5890
Multiplr: 1.00

225

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04	File ID:	E032714.D
Sampled:	03/20/12 12:00	Prepared:	03/27/12 08:38	Analyzed:	03/27/12 13:11
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032714.D Vial: 14
Acq On : 27 Mar 2012 1:11 pm Operator: WSD
Sample : 12C0620-04 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:13:05 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

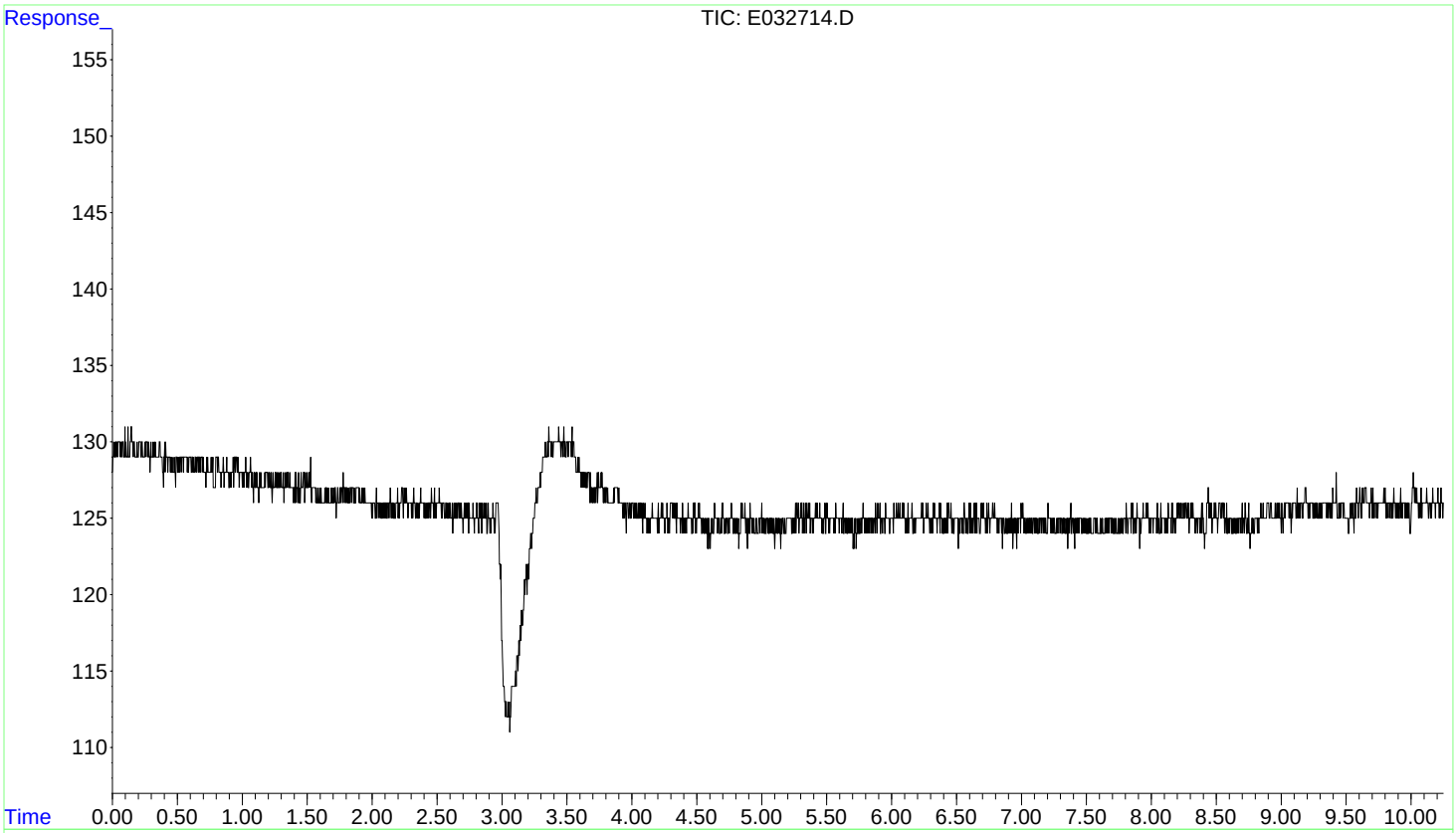
Target Compounds

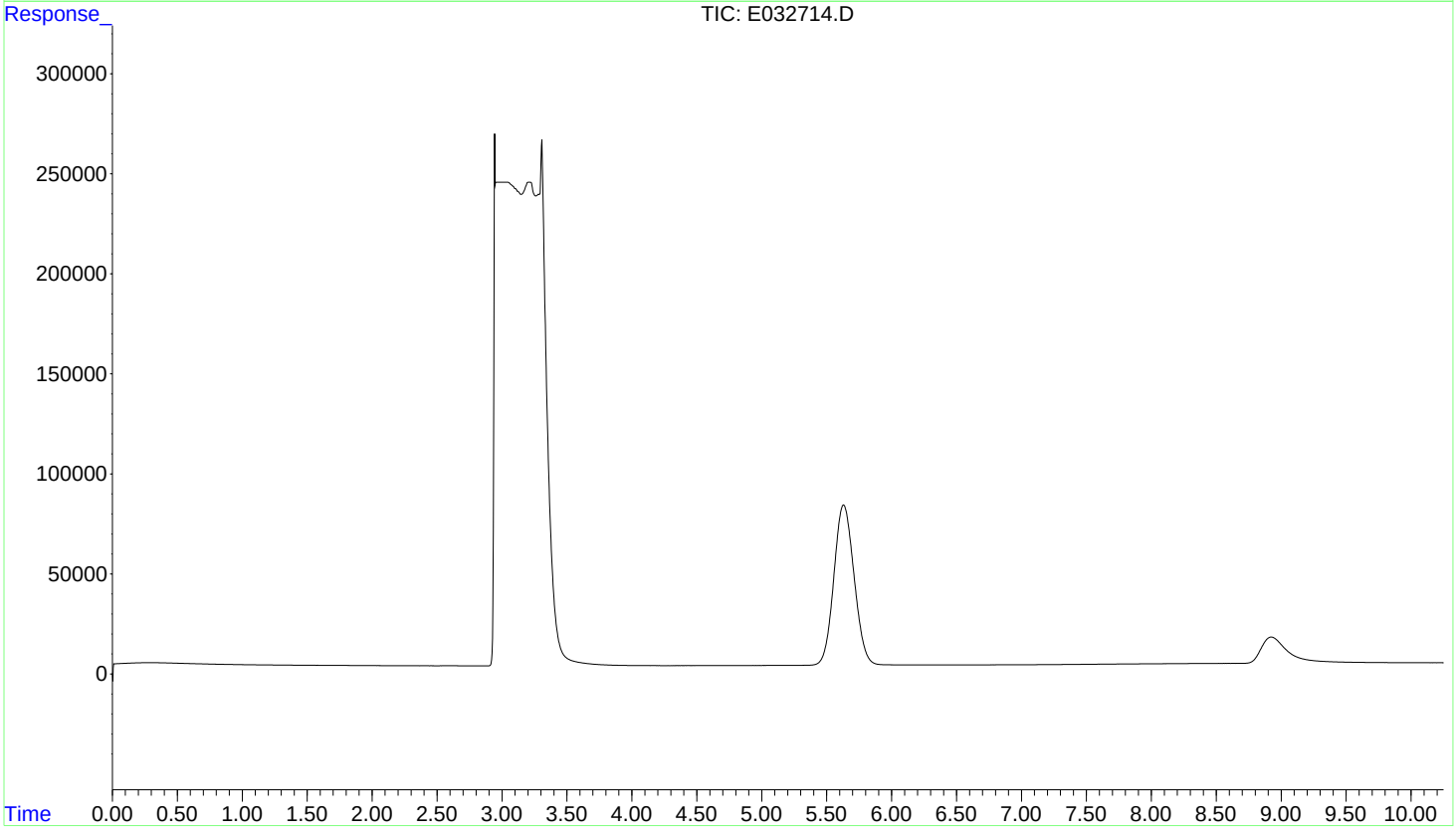
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032712\E032714.D
Acq On : 27 Mar 2012 1:11 pm
Sample : 12C0620-04 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:13:05 2012

Vial: 14
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05	File ID:	E032715.D
Sampled:	03/20/12 14:22	Prepared:	03/27/12 08:38	Analyzed:	03/27/12 14:06
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane	0.32	0.010	0.010	

Quantitation Report (QT Reviewed)

230

Data File : R:\E032712\E032715.D Vial: 15
Acq On : 27 Mar 2012 2:06 pm Operator: WSD
Sample : 12C0620-05 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:13:08 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.143	0	1062395	N.D.	3072.462m

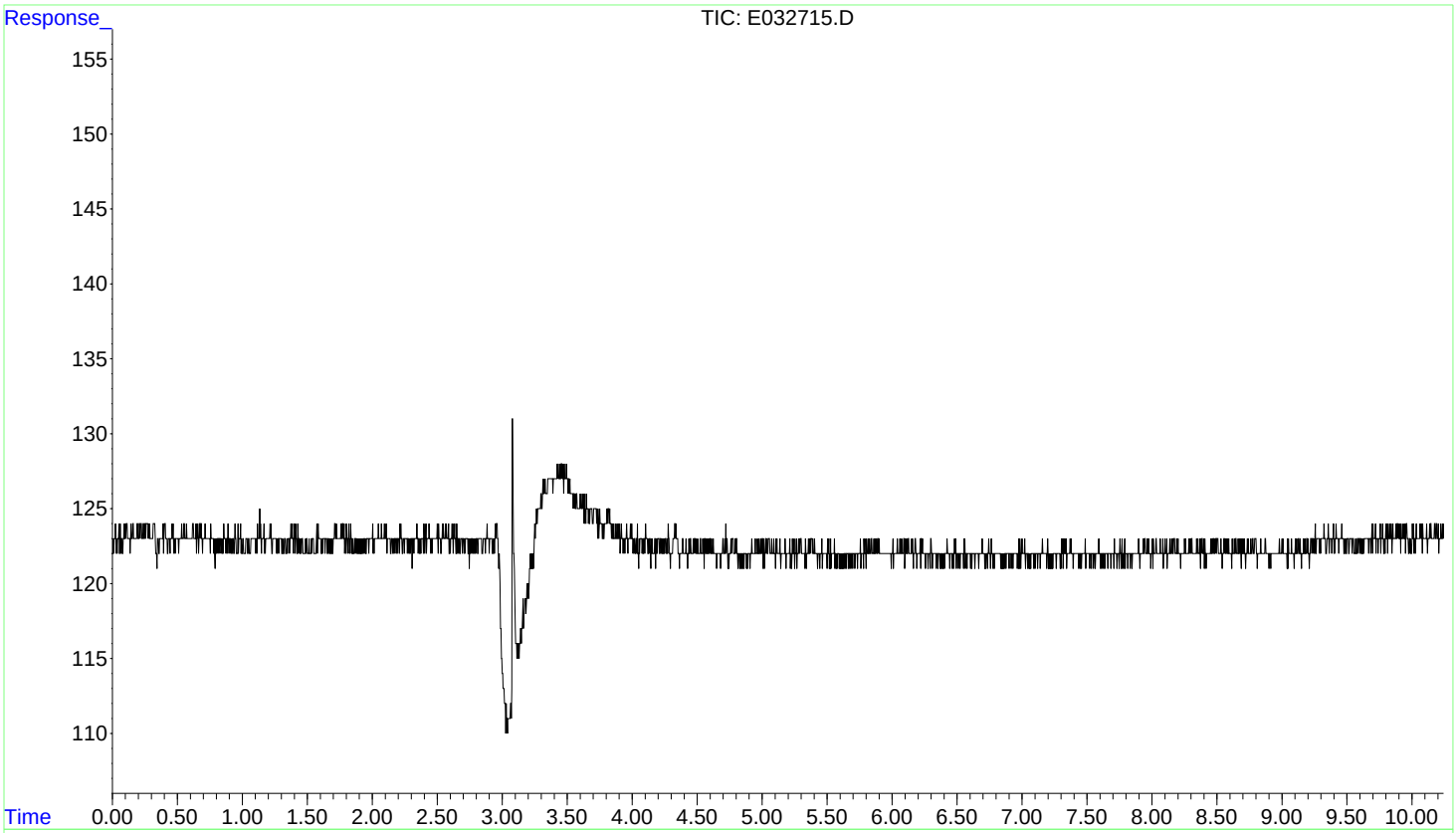
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

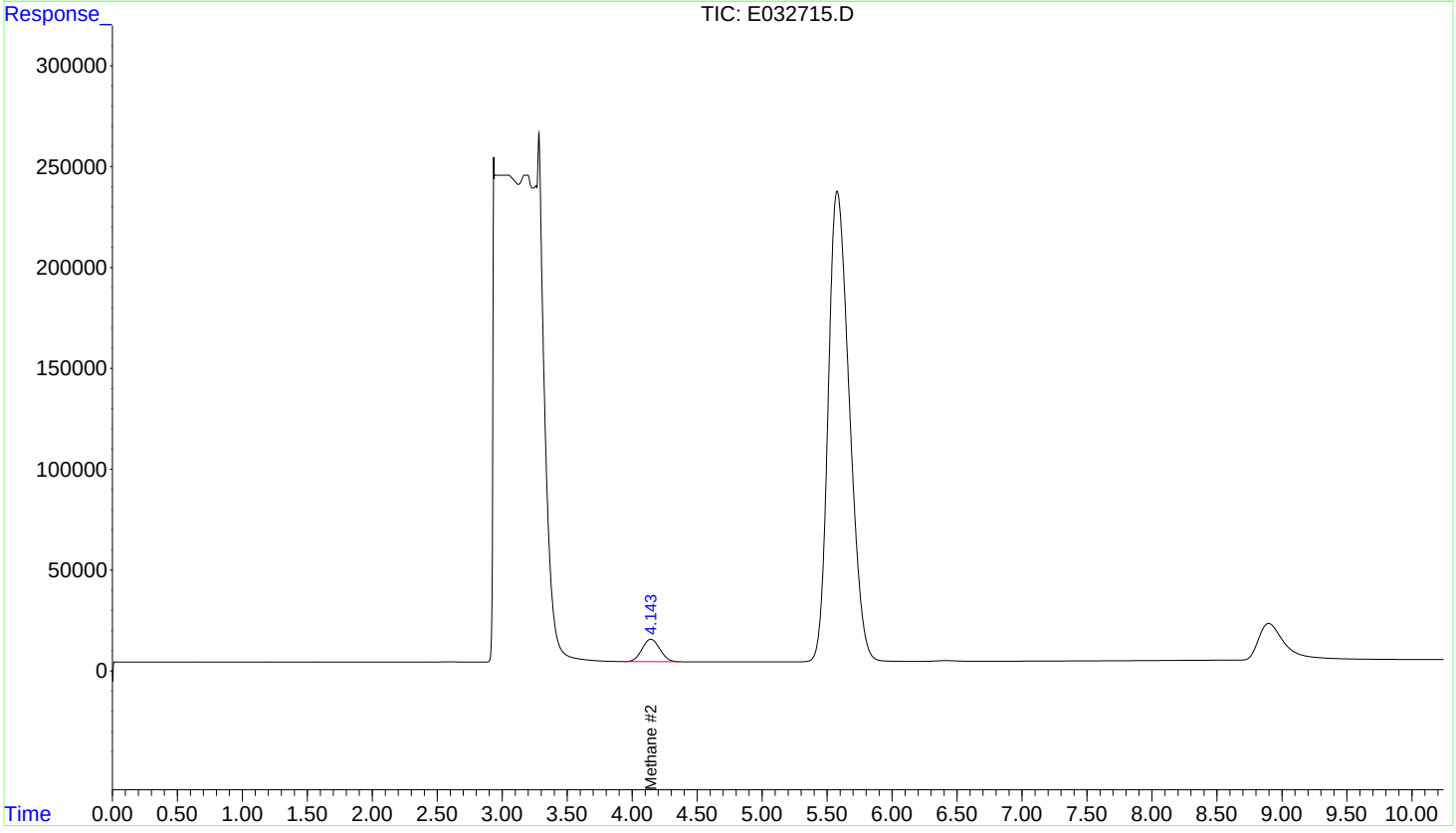
Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032715.D
Acq On : 27 Mar 2012 2:06 pm
Sample : 12C0620-05 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:13:08 2012

Vial: 15
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06	File ID:	E032716.D
Sampled:	03/20/12 16:07	Prepared:	03/27/12 08:38	Analyzed:	03/27/12 14:21
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048703	Sequence:	S001958	Calibration:	1100054	Instrument:	SYSE

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (Not Reviewed)

Data File : R:\E032712\E032716.D Vial: 16
Acq On : 27 Mar 2012 2:21 pm Operator: WSD
Sample : 12C0620-06 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:13:11 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.155	0	16757	N.D.	48.462
3)	Ethane	0.000	8.539	0	83019	N.D.	153.034

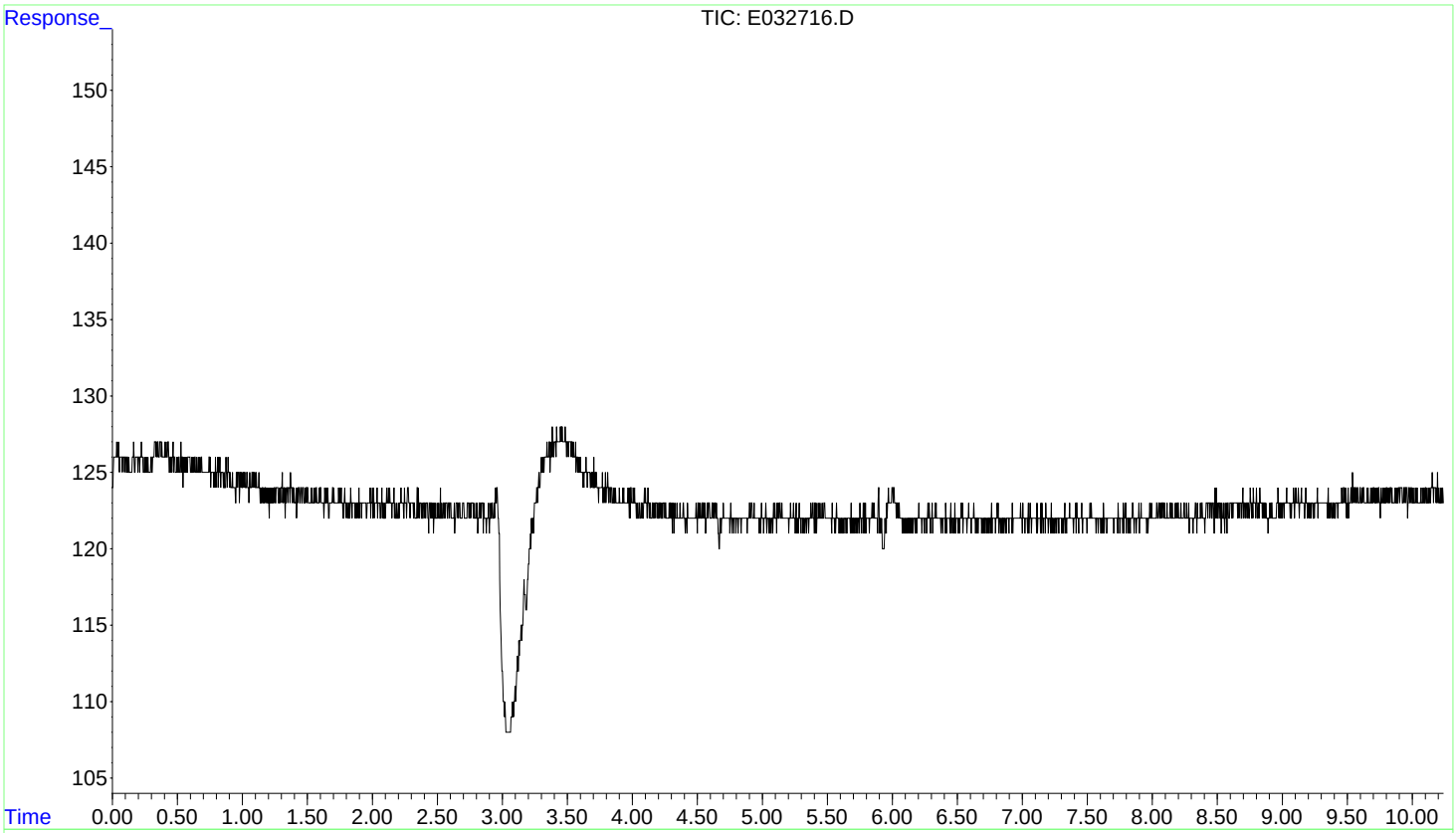
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

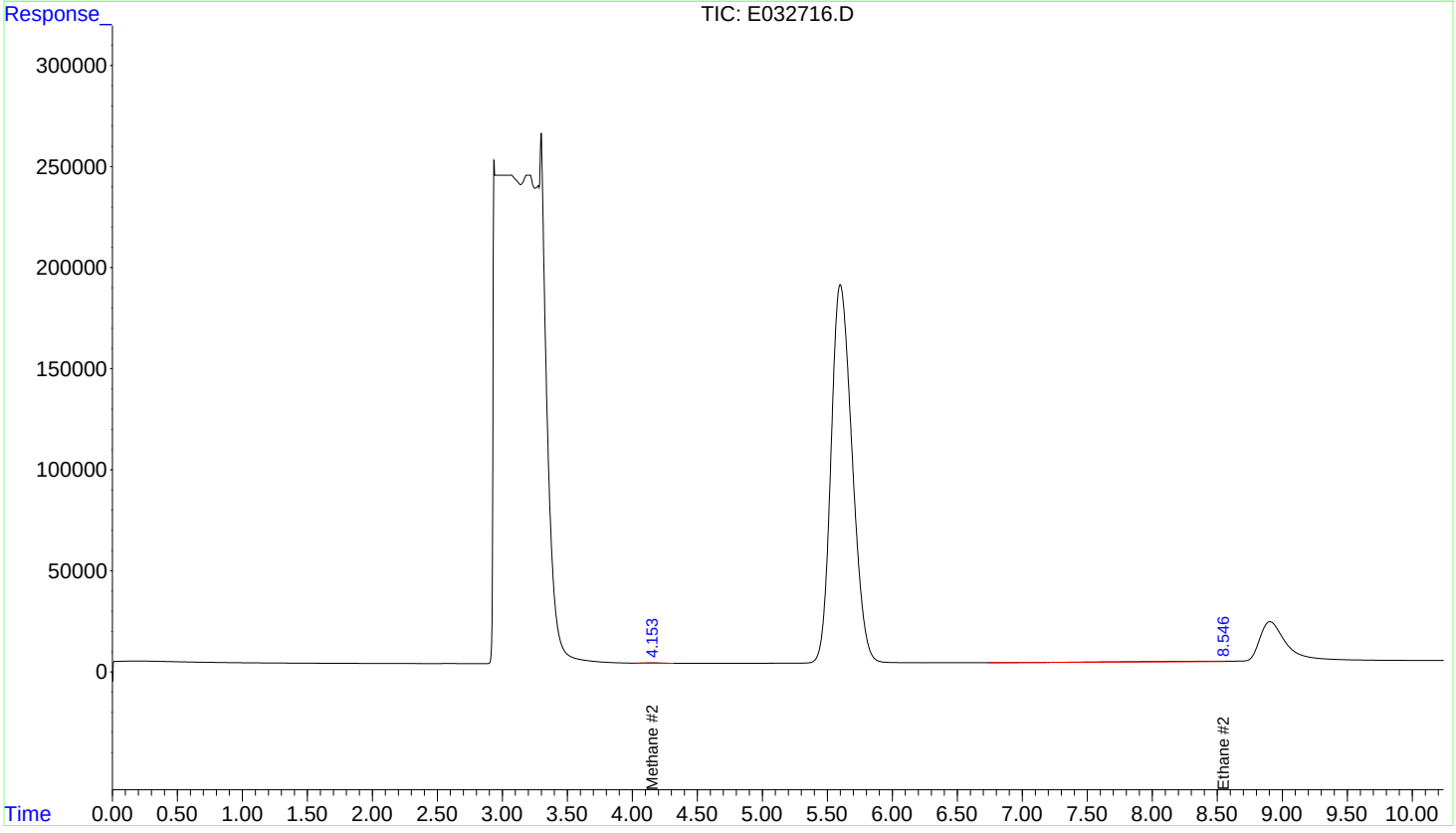
Quantitation Report (Not Reviewed)

Data File : R:\E032712\E032716.D
Acq On : 27 Mar 2012 2:21 pm
Sample : 12C0620-06 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:13:11 2012

Vial: 16
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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QC SUMMARY

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048703	Laboratory ID:	B048703-BS1
Column:		Initial/Final:	1 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ethane	2000	2000	99.3	60 - 122
Ethene	2000	2000	99.4	67 - 113
Methane	2000	2000	98.0	56 - 121

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4 - FORM IV
METHOD BLANK SUMMARY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048703-BLK1	Batch:	B048703

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B048703-BS1	E032703.D	08:50
MW-46C-March 2012	12C0620-06	E032716.D	14:21
MW-46D-March 2012	12C0620-05	E032715.D	14:06
MW-31B-March 2012	12C0620-04	E032714.D	13:11
MW-31C-March 2012	12C0620-03	E032713.D	12:56
MW-31D-March 2012	12C0620-02	E032712.D	12:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

3810/RSK175

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethane	20	518.2	50	545.76	100	515.99	200	498.925	1000	577.067	2000	571.828
Ethene	20	427.2	50	421.94	100	510.8	200	502.245	1000	532.173	2000	531.587
Methane	20	352.6	50	318.68	100	316.87	200	330.14	1000	365.527	2000	365.7795

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Client: Ecology & Environment SDG: 12C0620

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethane	5000	547.831	10000	549.4471	20000	557.3306						
Ethene	5000	509.6524	10000	512.5107	20000	519.158						
Methane	5000	351.8082	10000	352.9629	20000	357.6328						

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1100054	Instrument:	SYSE
		Calibration Date:	1/10/2011 12:00:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethane	542.4865	4.9			20	
Ethene	496.3629	8.4			20	
Methane	345.7778	5.5			20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S001299	Instrument:	SYSE
Calibration:	1100054		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111193	RSK175 STD 20 PPMv	S001299-CAL1	E011001.D	01/10/11 12:58
1111194	RSK175 STD 50 PPMv	S001299-CAL2	E011002.D	01/10/11 13:10
1111195	RSK175 STD 100 PPMv	S001299-CAL3	E011003.D	01/10/11 13:25
1111196	RSK175 STD 200 PPMv	S001299-CAL4	E011004.D	01/10/11 13:40
1111198	RSK175 STD 1000 PPMv	S001299-CAL6	E011006.D	01/10/11 14:11
1111199	RSK175 STD 2000 PPMv	S001299-CAL7	E011007.D	01/10/11 14:29
1111200	RSK175 STD 5000 PPMv	S001299-CAL8	E011008.D	01/10/11 14:47
1111201	RSK175 STD 10000 PPMv	S001299-CAL9	E011009.D	01/10/11 15:01
1111202	RSK175 STD 20000 PPMv	S001299-CALA	E011010.D	01/10/11 15:17

Injection Log

Directory: D:\HPCHEM\2\DATA\ARCHIVE\E011011A

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	E011001.d	1.	20 ppmv RSK 3 COMPONENT		10 Jan 2011 12:58
2	2	E011002.d	1.	50 ppmv RSK 3 COMPONENT		10 Jan 2011 13:10
3	3	E011003.d	1.	100 ppmv RSK 3 COMPONENT		10 Jan 2011 13:25
4	4	E011004.d	1.	200 ppmv RSK 3 COMPONENT		10 Jan 2011 13:40
5	5	E011005.d	1.	500 ppmv RSK 3 COMPONENT		10 Jan 2011 13:56
6	6	E011006.d	1.	1000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:11
7	7	E011007.d	1.	2000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:29
8	8	E011008.d	1.	5000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:47
9	9	E011009.d	1.	10000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:01
10	10	E011010.d	1.	20000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:17
11	11	E011011.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:34
12	12	E011012.d	1.	LCS1 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:47
13	13	E011013.d	1.	LCS2 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:01
14	14	E011014.d	1.	MB		10 Jan 2011 16:12
15	15	E011015.d	1.	MDL #1 10 PPM		10 Jan 2011 16:24
16	16	E011016.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:37
17	17	E011017.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 17:12

S 1299

1100054

Response Factor Report HP5890

Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 14:07:13 2011

Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane							0.000	0	-1.00
2)	Ethene							0.000	0	-1.00
3)	Ethane							0.000	0	-1.00

Signal #2 Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane	3.526	3.187	3.169	3.301	3.655	3.658	3.458	E2	5.49
2)	Ethene	4.272	4.219	5.108	5.022	5.322	5.316	4.964	E2	8.44
3)	Ethane	5.182	5.458	5.160	4.989	5.771	5.718	5.425	E2	4.86

(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

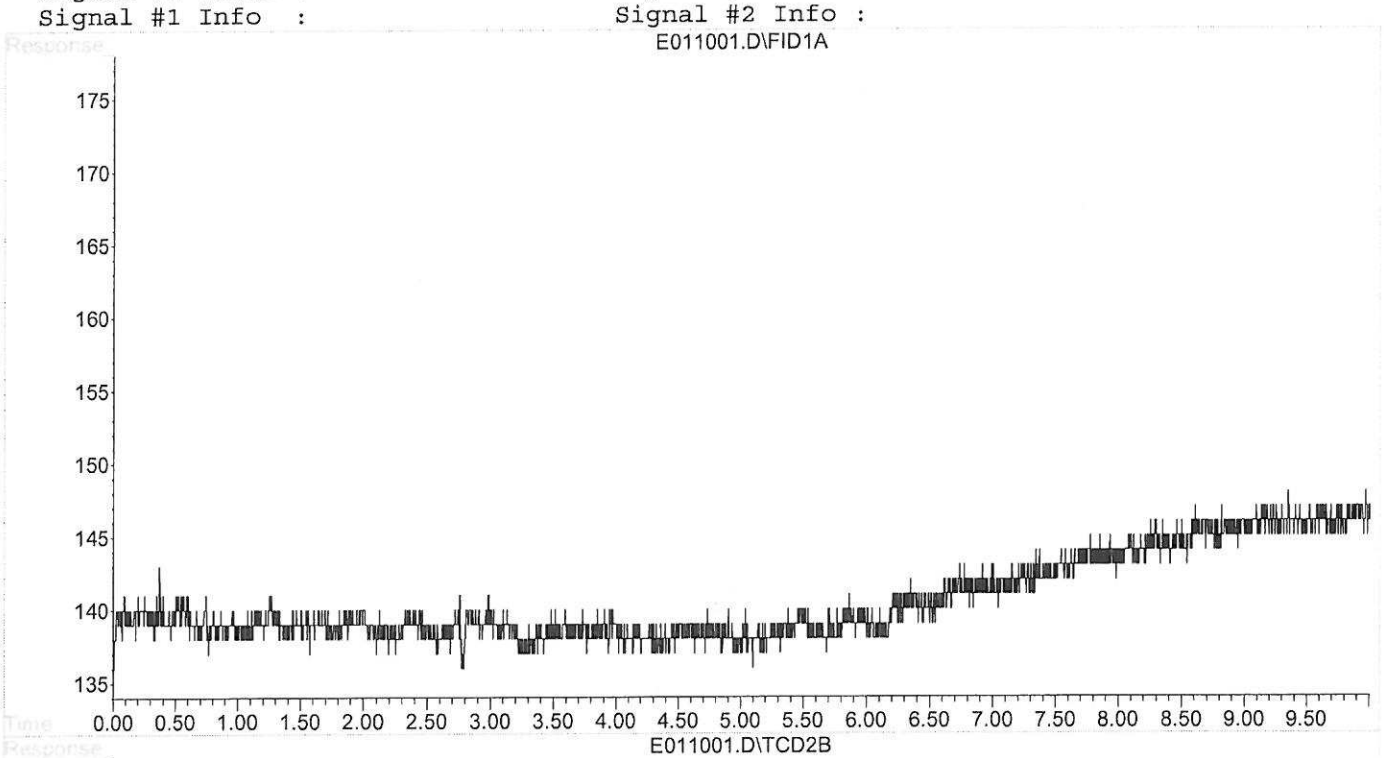
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	7052	N.D.	20.548m
2)	Ethene	0.00	7.60	0	8544	N.D.	17.053
3)	Ethane	0.00	8.42	0	10364	N.D.	19.130m

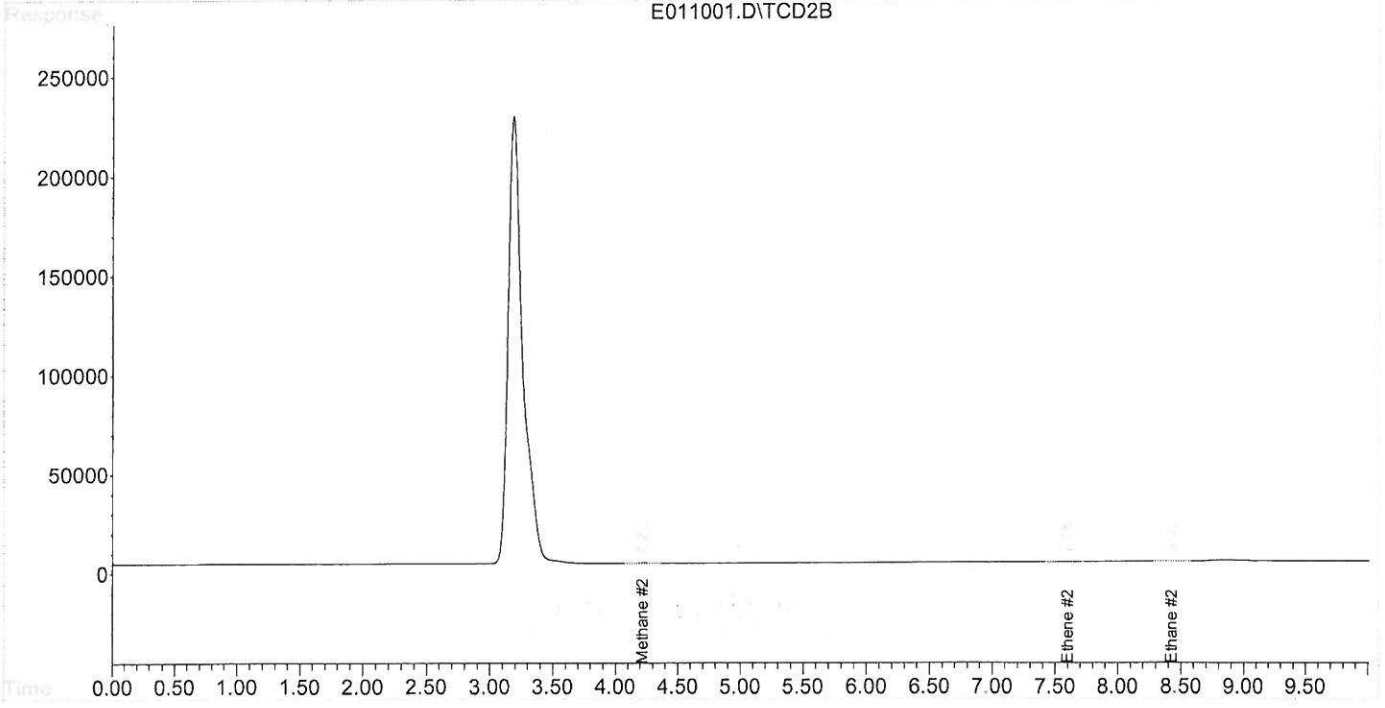
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	15934	N.D.	46.428
2)	Ethene	0.00	7.59	0	21097	N.D.	41.827m
3)	Ethane	0.00	8.42	0	27288	N.D.	50.854m

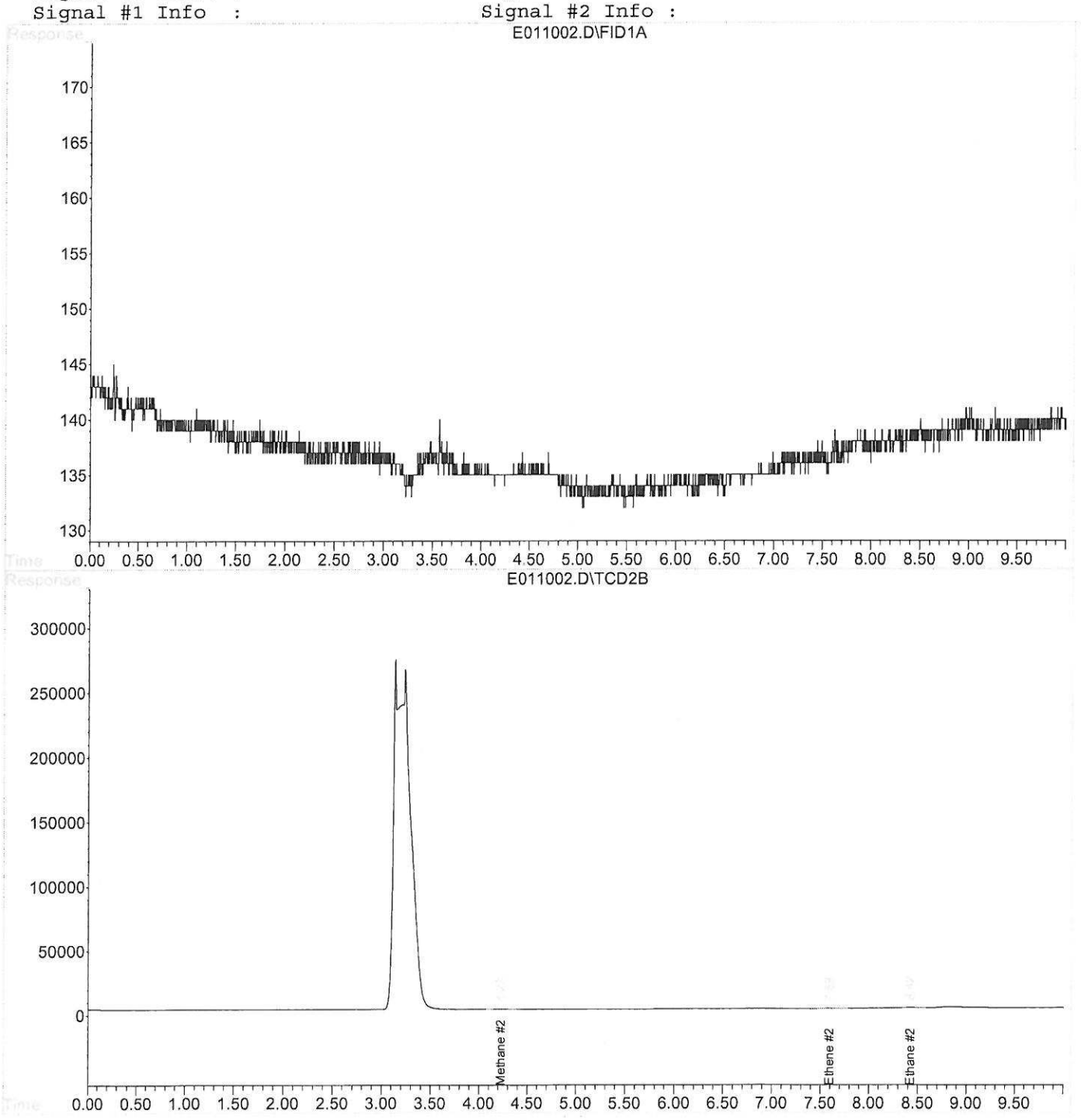
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	31687	N.D.	92.328
2)	Ethene	0.00	7.58	0	51080	N.D.	101.939m
3)	Ethane	0.00	8.42	0	51599	N.D.	96.365m

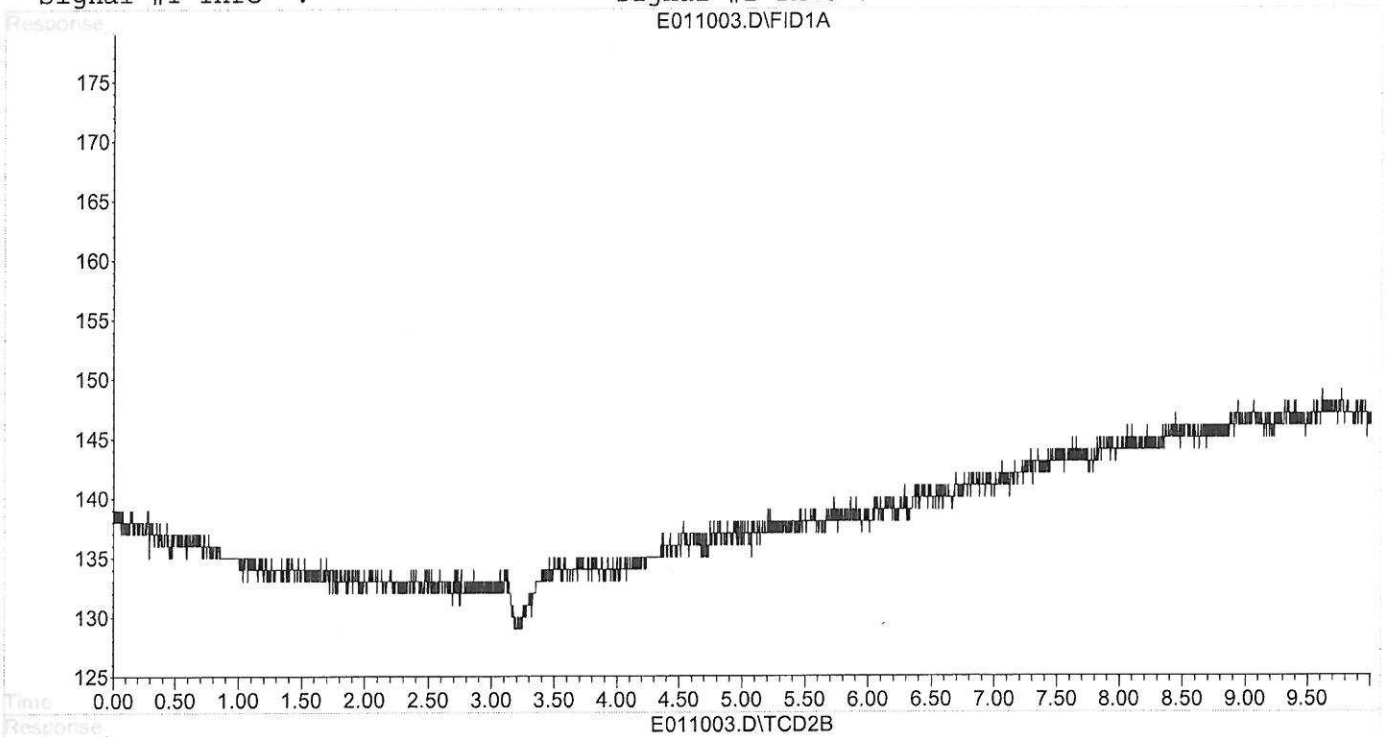
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

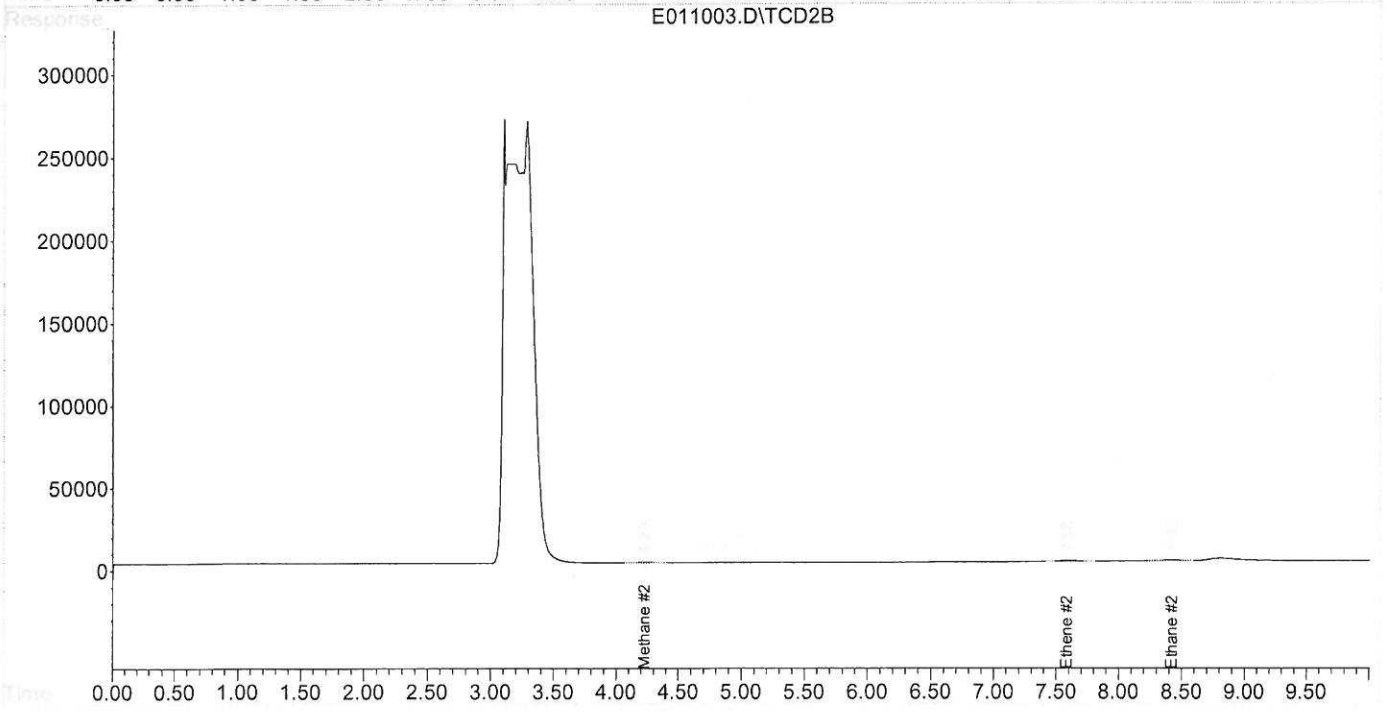
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	66028	N.D.	192.551m
2)	Ethene	0.00	7.57	0	100449	N.D.	201.082m
3)	Ethane	0.00	8.41	0	99785	N.D.	186.006m

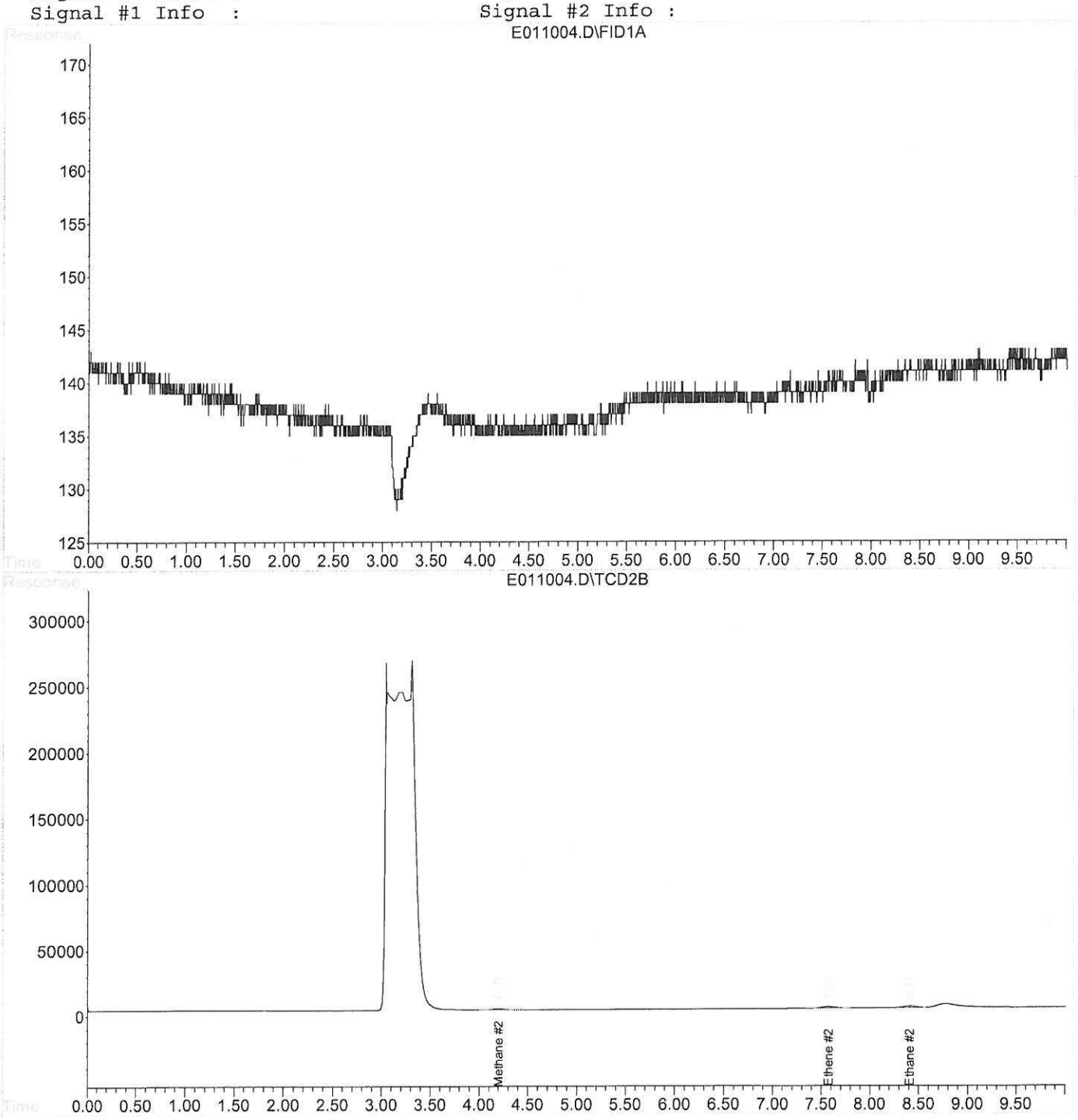
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.19	0	152389	N.D.	444.837
2)	Ethene	0.00	7.57	0	245159	N.D.	491.617m
3)	Ethane	0.00	8.41	0	232164	N.D.	432.007m

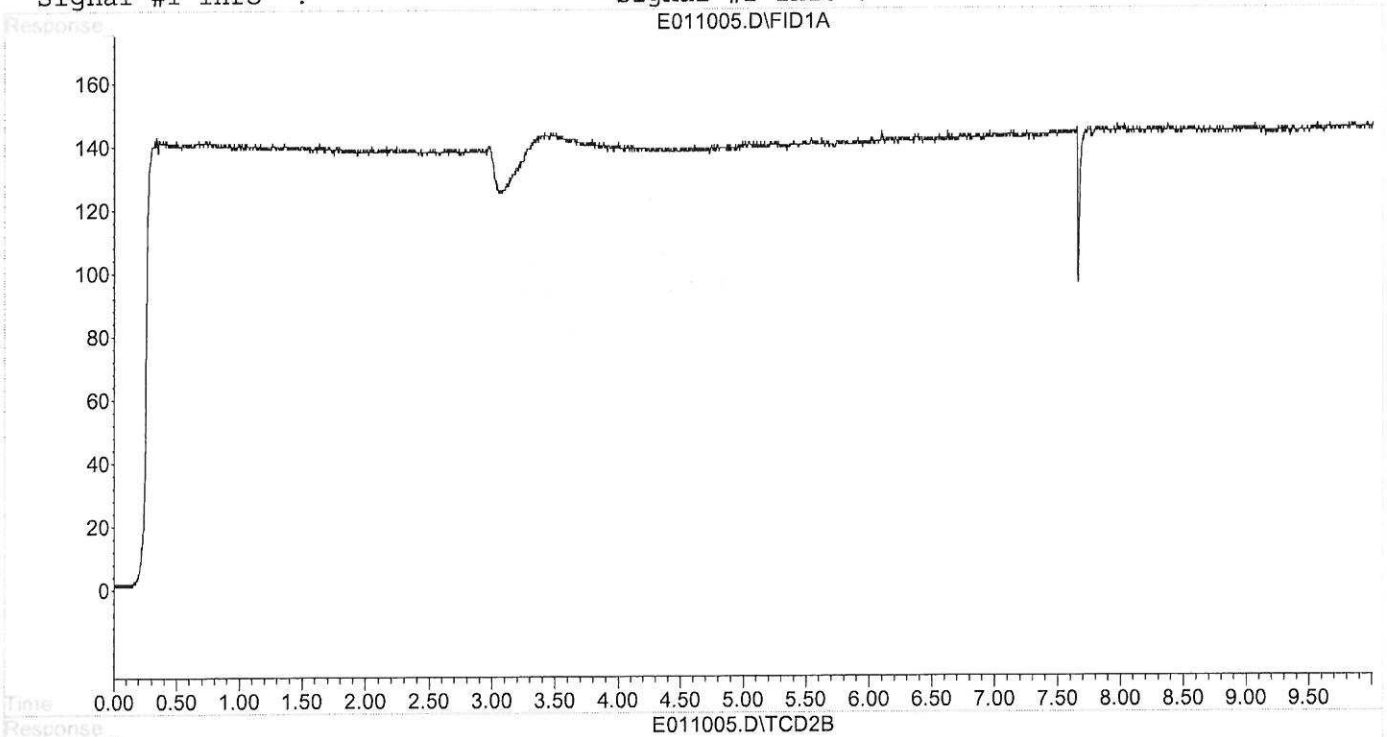
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

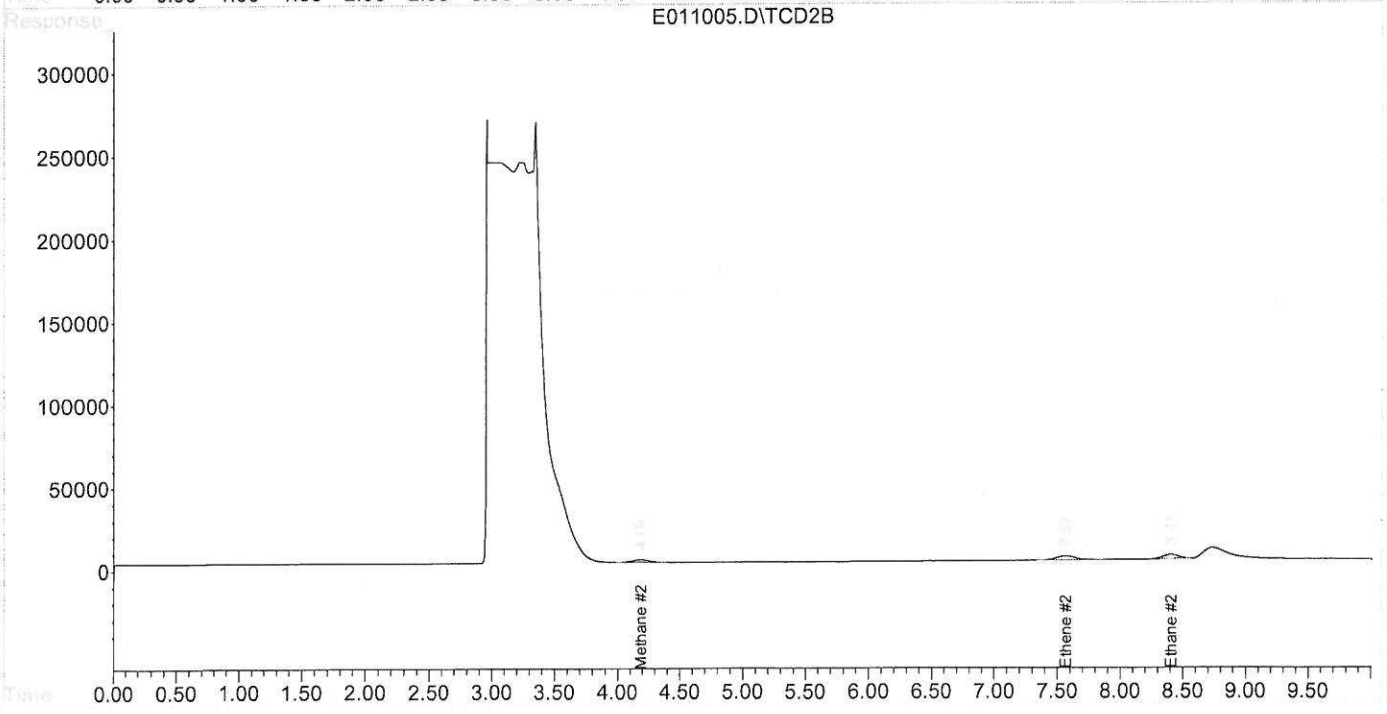
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	365527	N.D.	1067.004
2)	Ethene	0.00	7.59	0	532173	N.D.	1067.253m
3)	Ethane	0.00	8.42	0	577067	N.D.	1074.428m

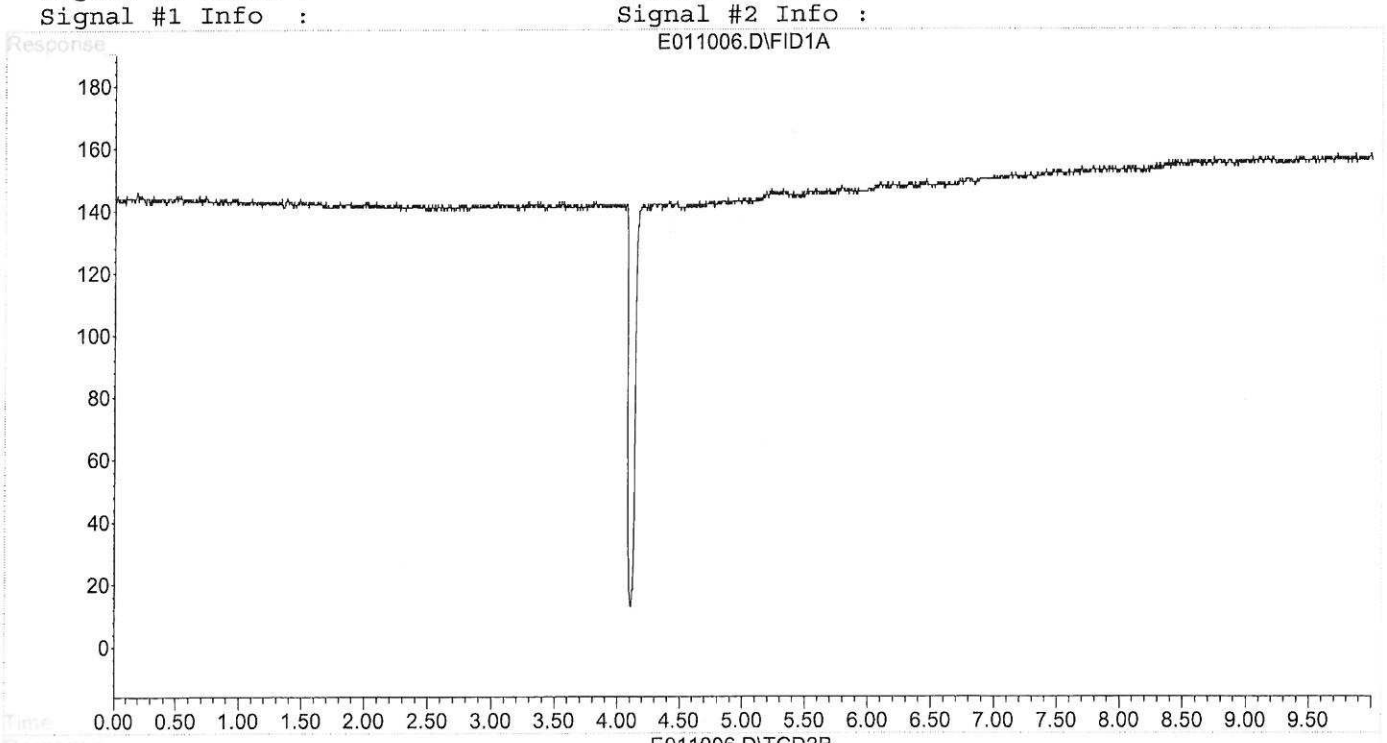
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

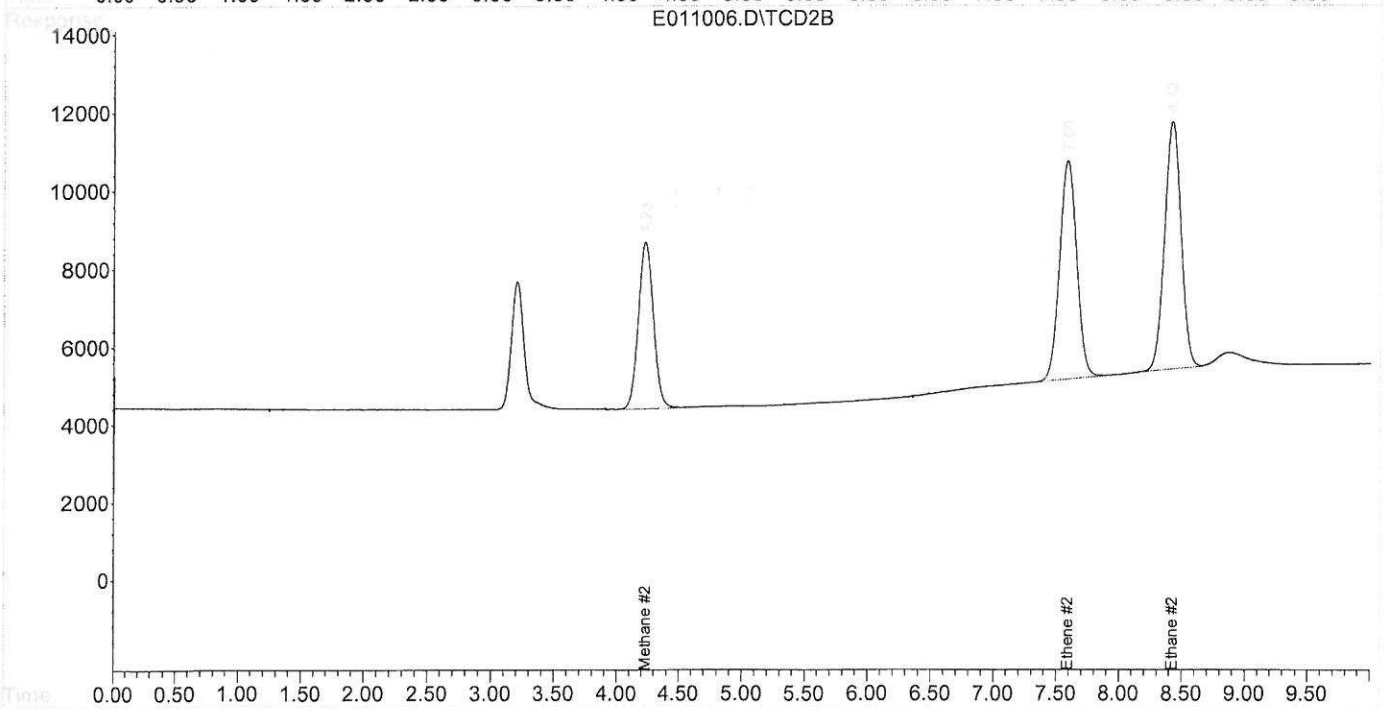
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	731559	N.D.	2135.170m
2)	Ethene	0.00	7.59	0	1063174	N.D.	2132.612m
3)	Ethane	0.00	8.42	0	1143656	N.D.	2128.884m

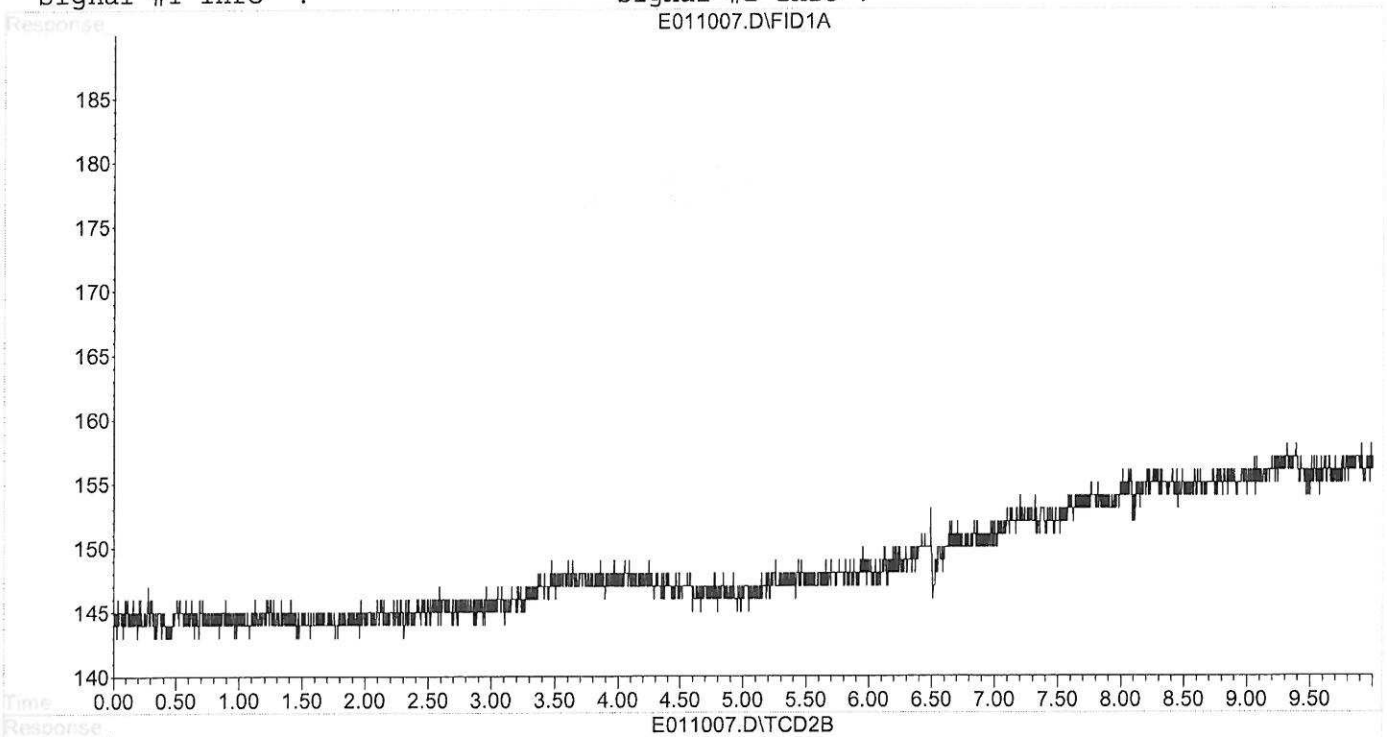
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
E011007.D RSK0110.M Fri Jun 24 10:04:22 2011 5970

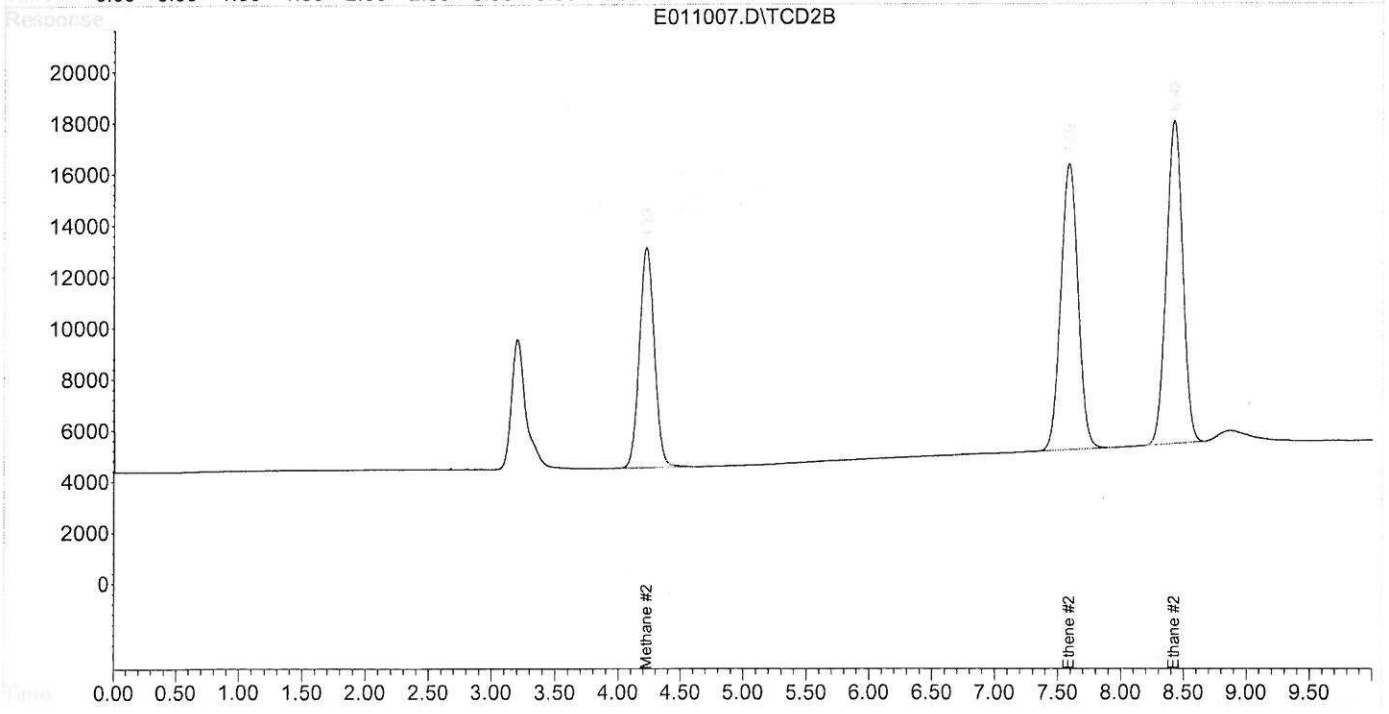
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	1759041	N.D.	5134.038
2)	Ethene	0.00	7.59	0	2548262	N.D.	5110.888m
3)	Ethane	0.00	8.42	0	2739155	N.D.	5097.947m

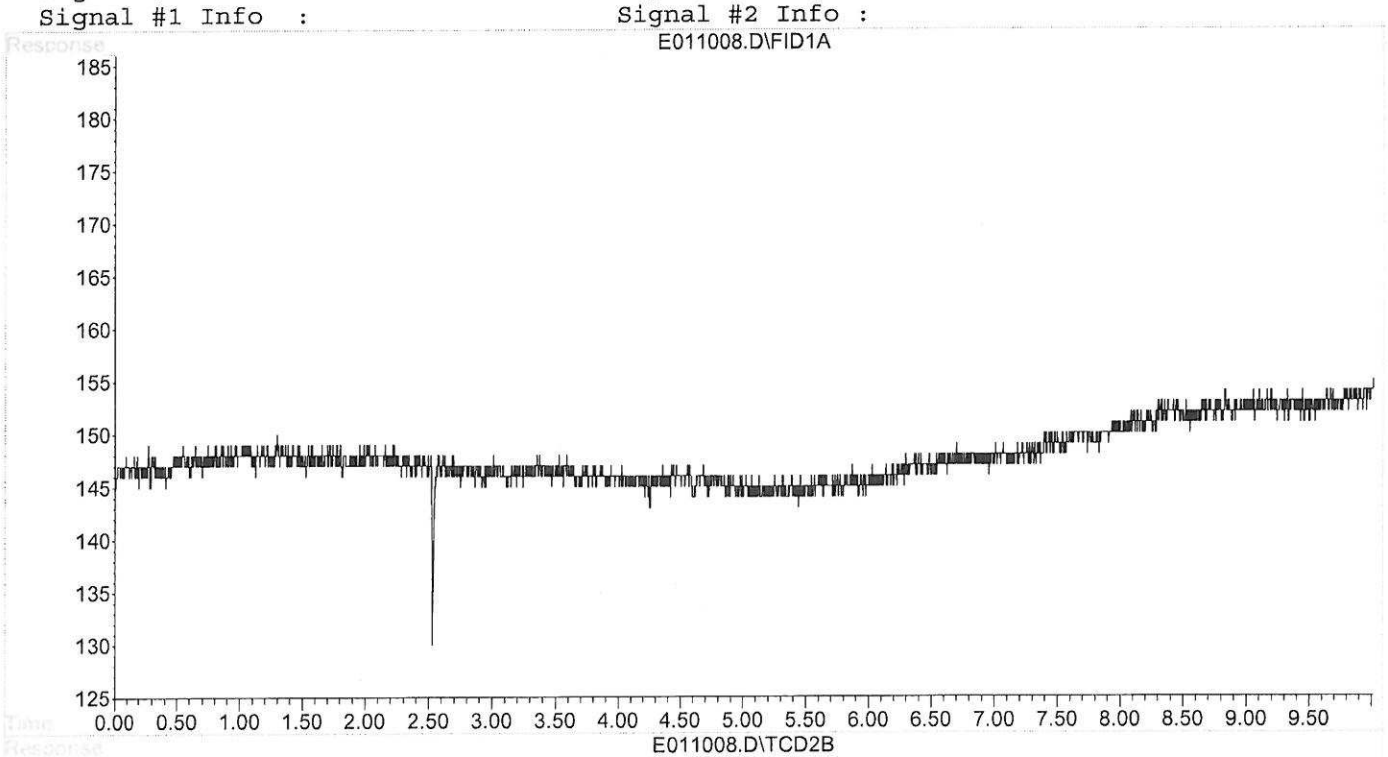
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

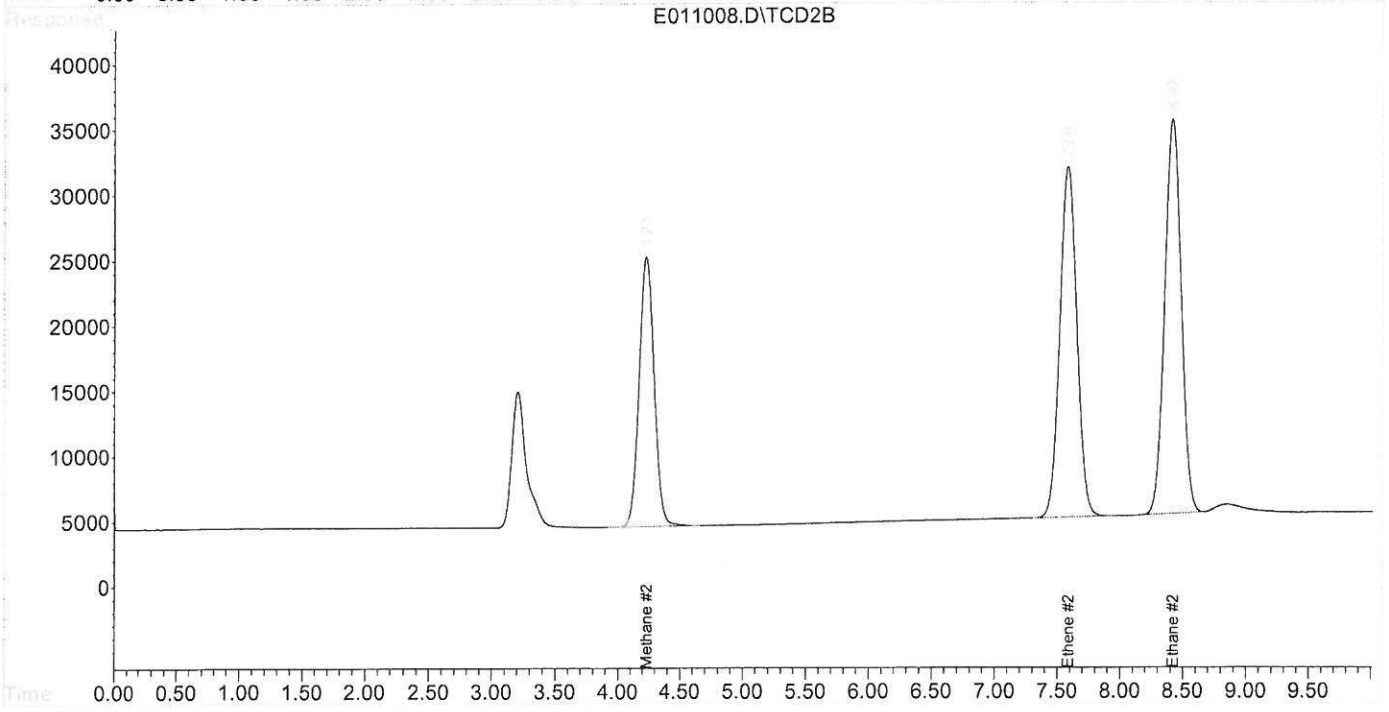
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	3529629	N.D.	10301.778
2)	Ethene	0.00	7.58	0	5125107	N.D.	10279.886m
3)	Ethane	0.00	8.41	0	5494471	N.D.	10223.928m

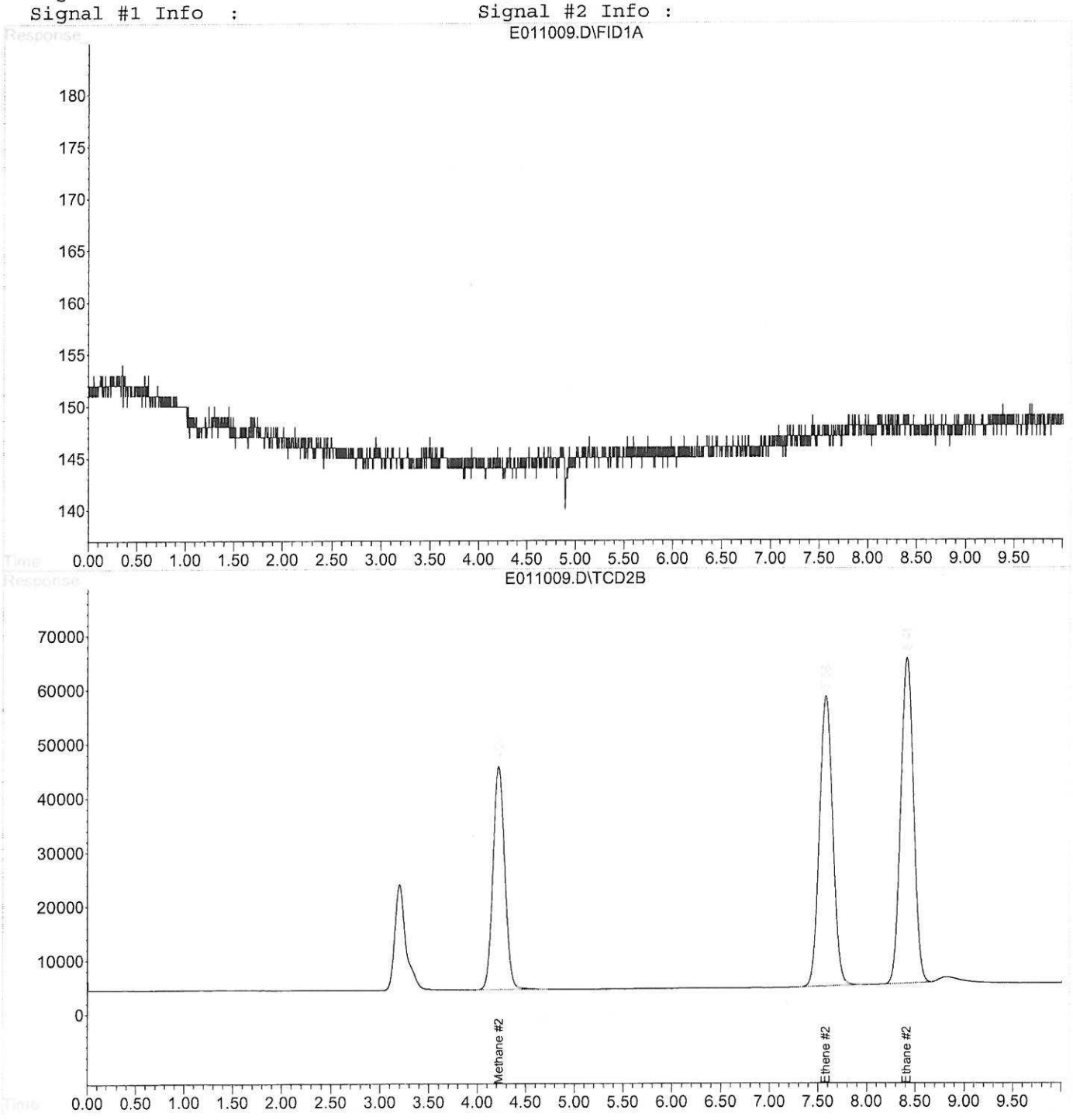
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	7152655	N.D.	20876.151
2)	Ethene	0.00	7.56	0	10383161	N.D.	20825.744m
3)	Ethane	0.00	8.39	0	11146613	N.D.	20734.843m

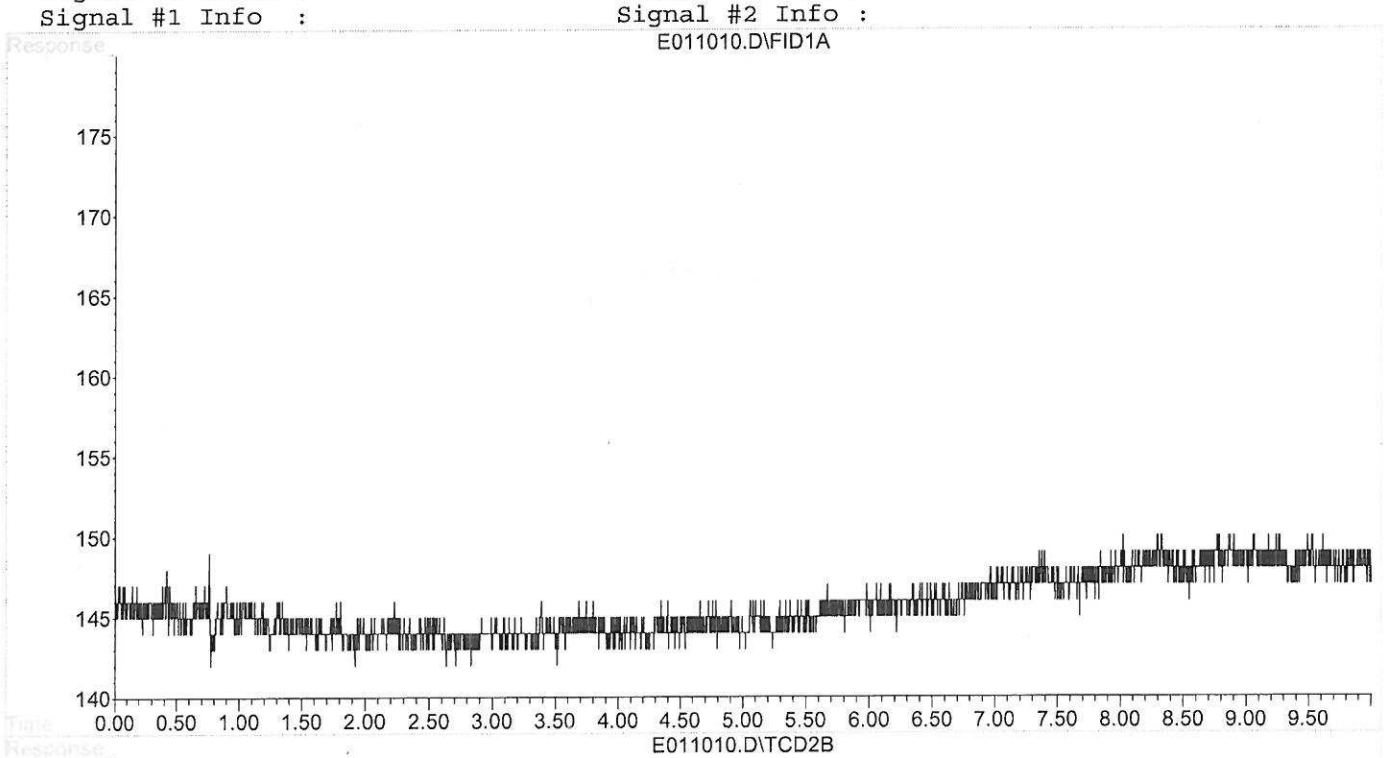
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

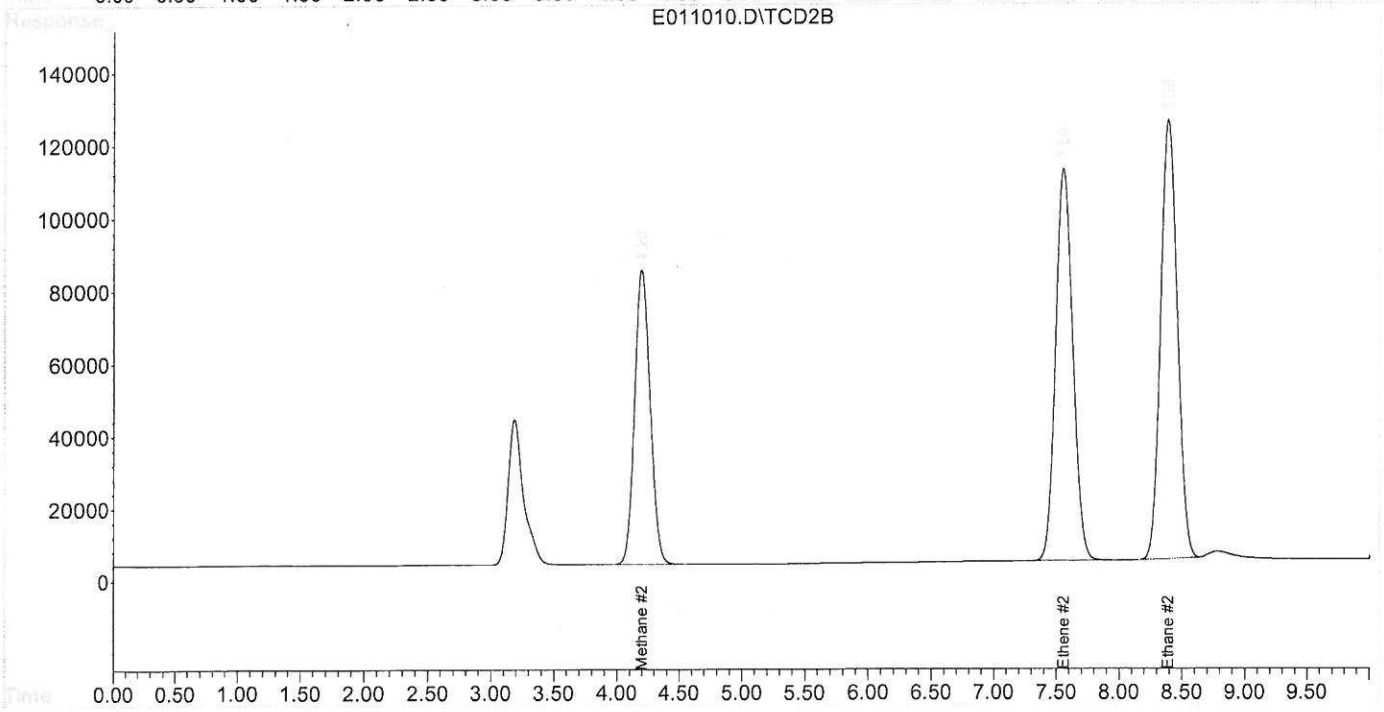
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032702.D	Calibration Date:	01/10/11 00:00
Sequence:	S001958	Injection Date:	03/27/12
Lab Sample ID:	S001958-CCV1	Injection Time:	08:38

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	2050	542.4865	555.9645		2.5	
Ethene	A	2000	2040	496.3629	505.4305		1.8	
Methane	A	2000	1950	345.7778	337.493		-2.4	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032702.D Vial: 2
Acq On : 27 Mar 2012 8:38 am Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 16:12:00 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

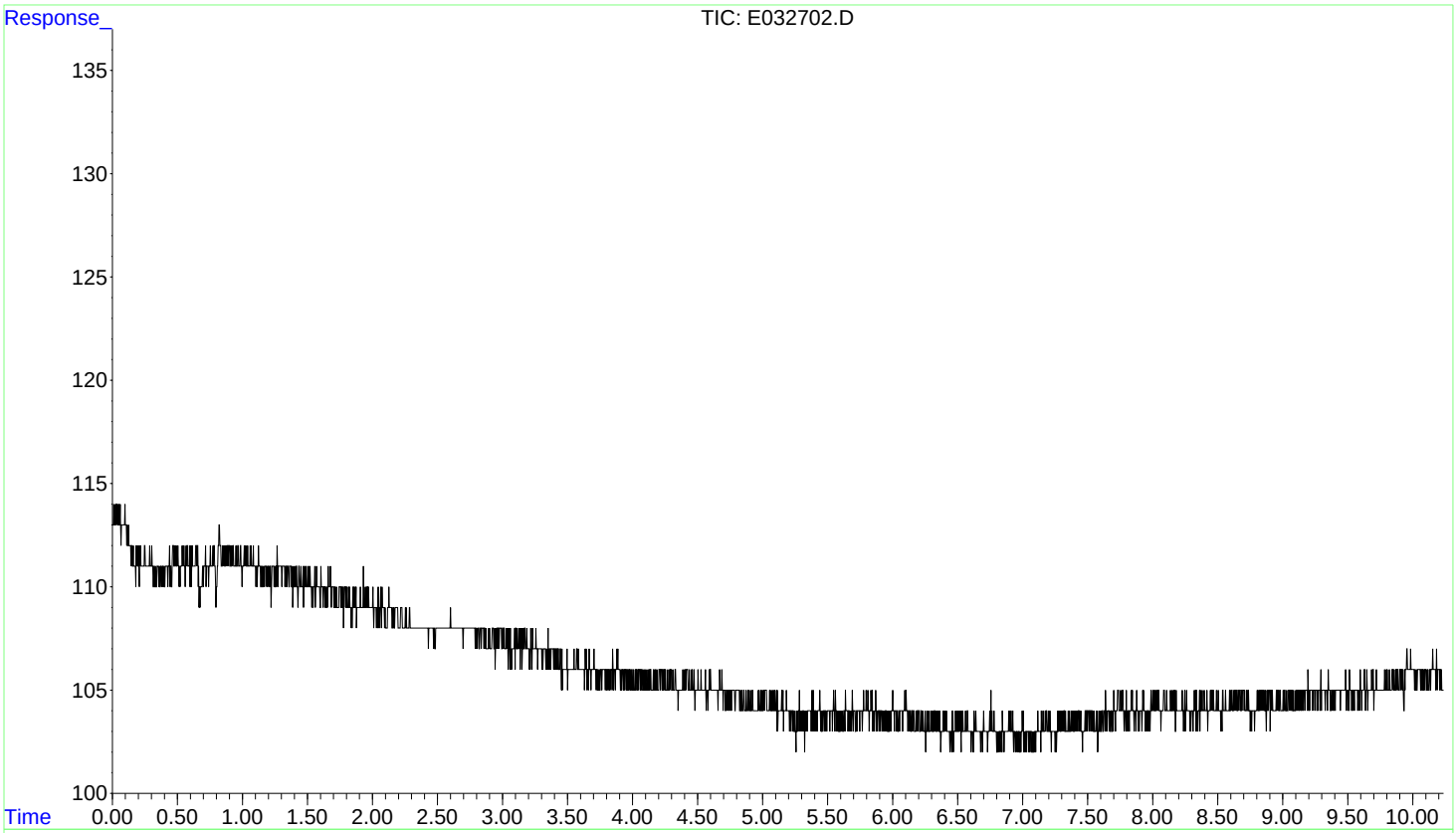
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.176	0	674986	N.D.	1952.070
2)	Ethene	0.000	7.653	0	1085877	N.D.	2187.662
3)	Ethane	0.000	8.543	0	1227719	N.D.	2263.133

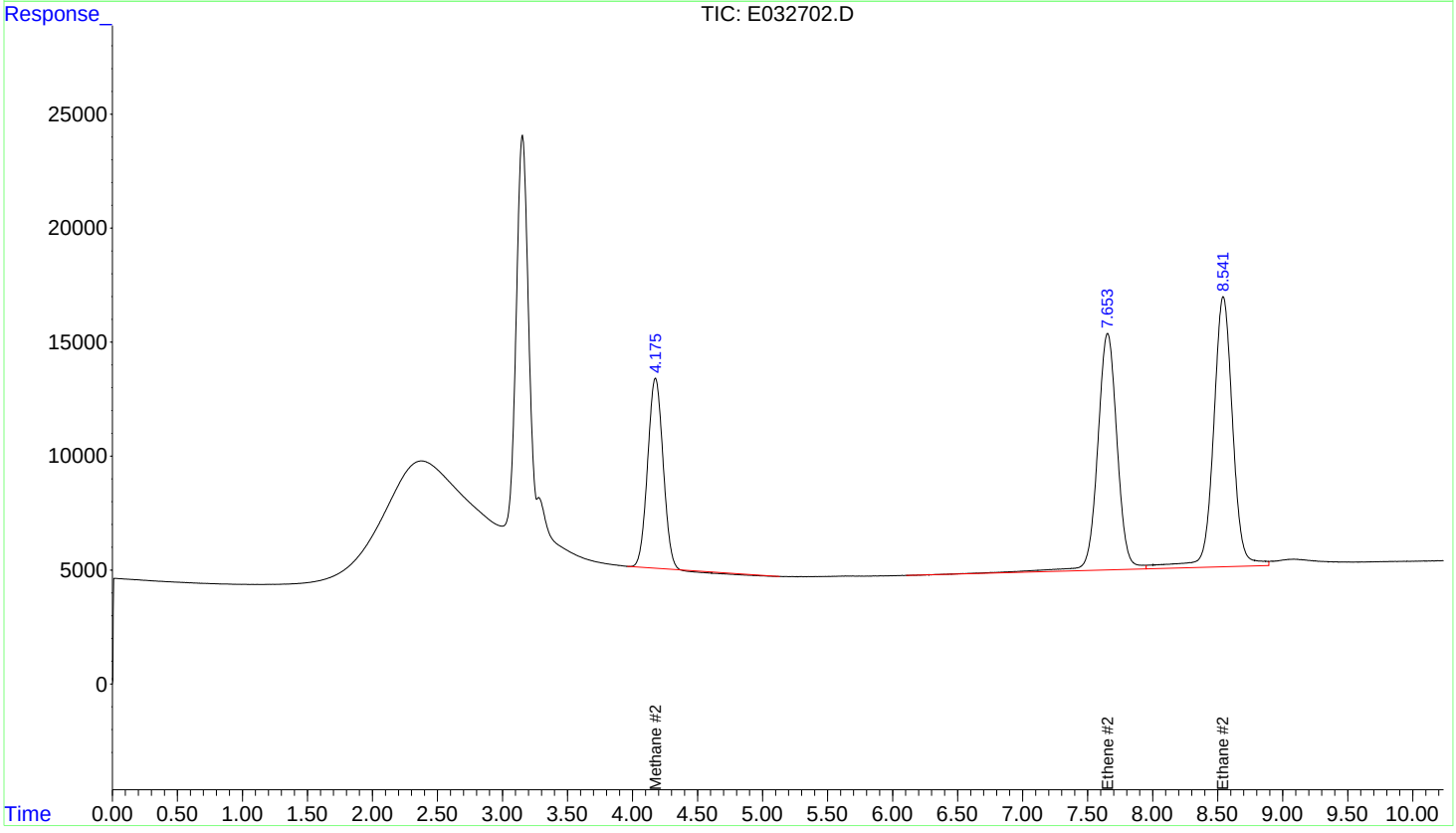
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032712\E032702.D
Acq On : 27 Mar 2012 8:38 am
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 16:12:00 2012

Vial: 2
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032717.D	Calibration Date:	01/10/11 00:00
Sequence:	S001958	Injection Date:	03/27/12
Lab Sample ID:	S001958-CCV2	Injection Time:	14:39

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	2090	542.4865	566.0225		4.3	
Ethene	A	2000	2040	496.3629	507.2315		2.2	
Methane	A	2000	1980	345.7778	342.55		-0.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

269

Data File : R:\E032712\E032717.D Vial: 2
Acq On : 27 Mar 2012 2:39 pm Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 16:16:26 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.200	0	685100	N.D.	1981.319
2)	Ethene	0.000	7.673	0	1014463	N.D.	2043.789
3)	Ethane	0.000	8.560	0	1132045	N.D.	2086.772

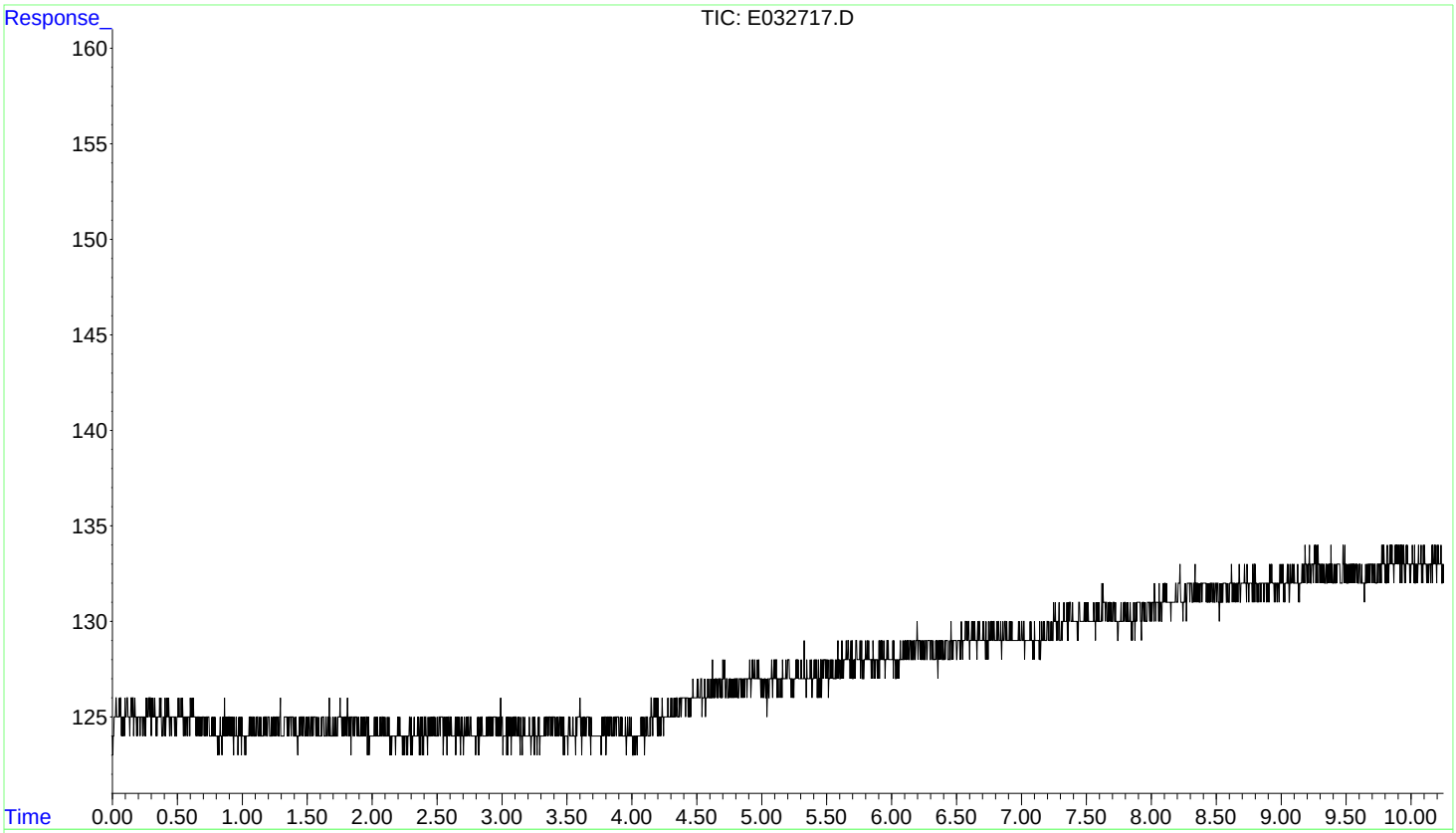
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

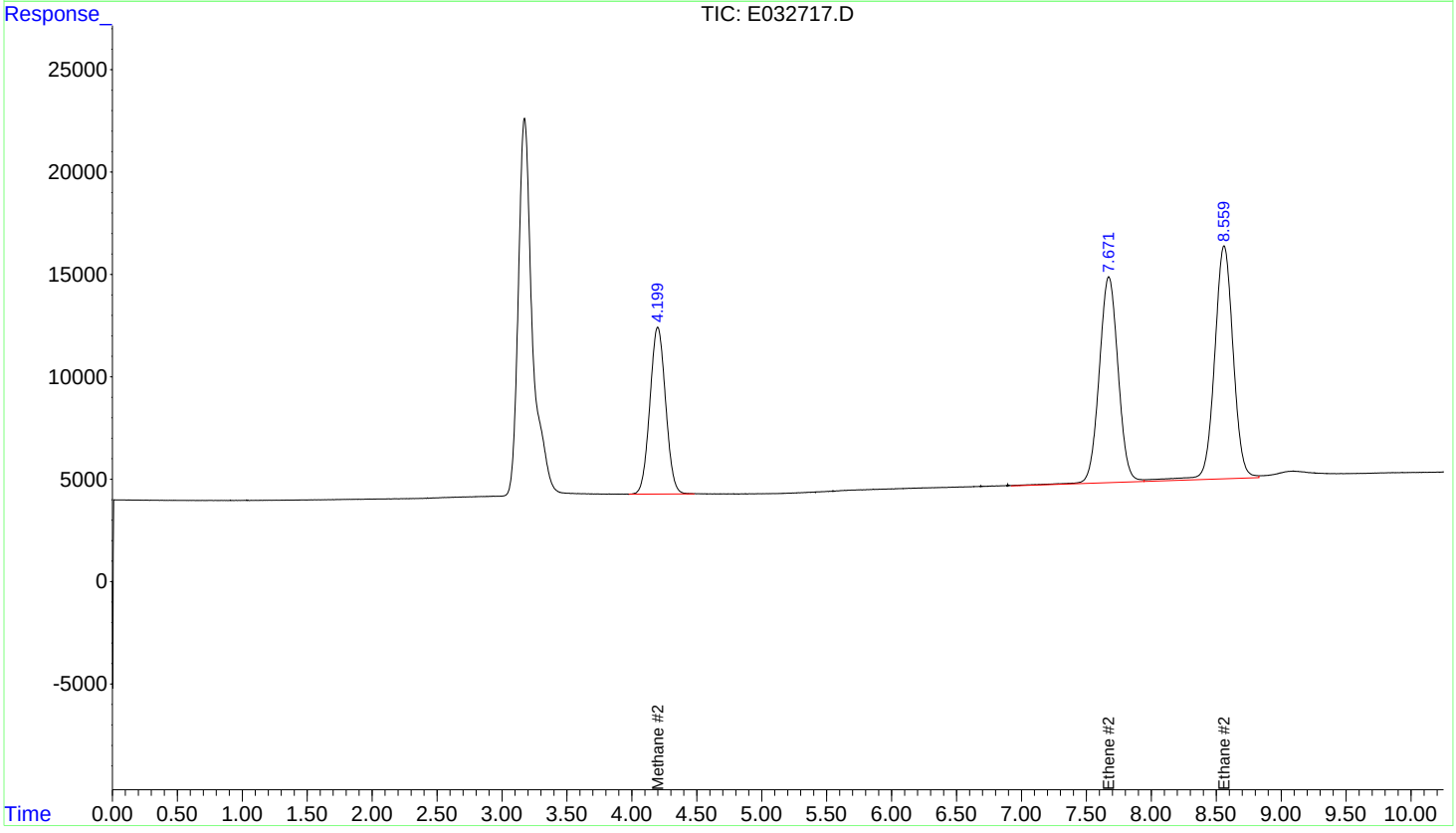
Data File : R:\E032712\E032717.D
Acq On : 27 Mar 2012 2:39 pm
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 16:16:26 2012

Vial: 2
Operator: WSD
Inst : HP5890
Multiplr: 1.00

270

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048703-BLK1	File ID:	E032704.D
Sampled:		Prepared:	03/27/12 08:38	Analyzed:	03/27/12 09:21
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

273

Data File : R:\E032712\E032704.D Vial: 4
Acq On : 27 Mar 2012 9:21 am Operator: WSD
Sample : MBL 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:12:56 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

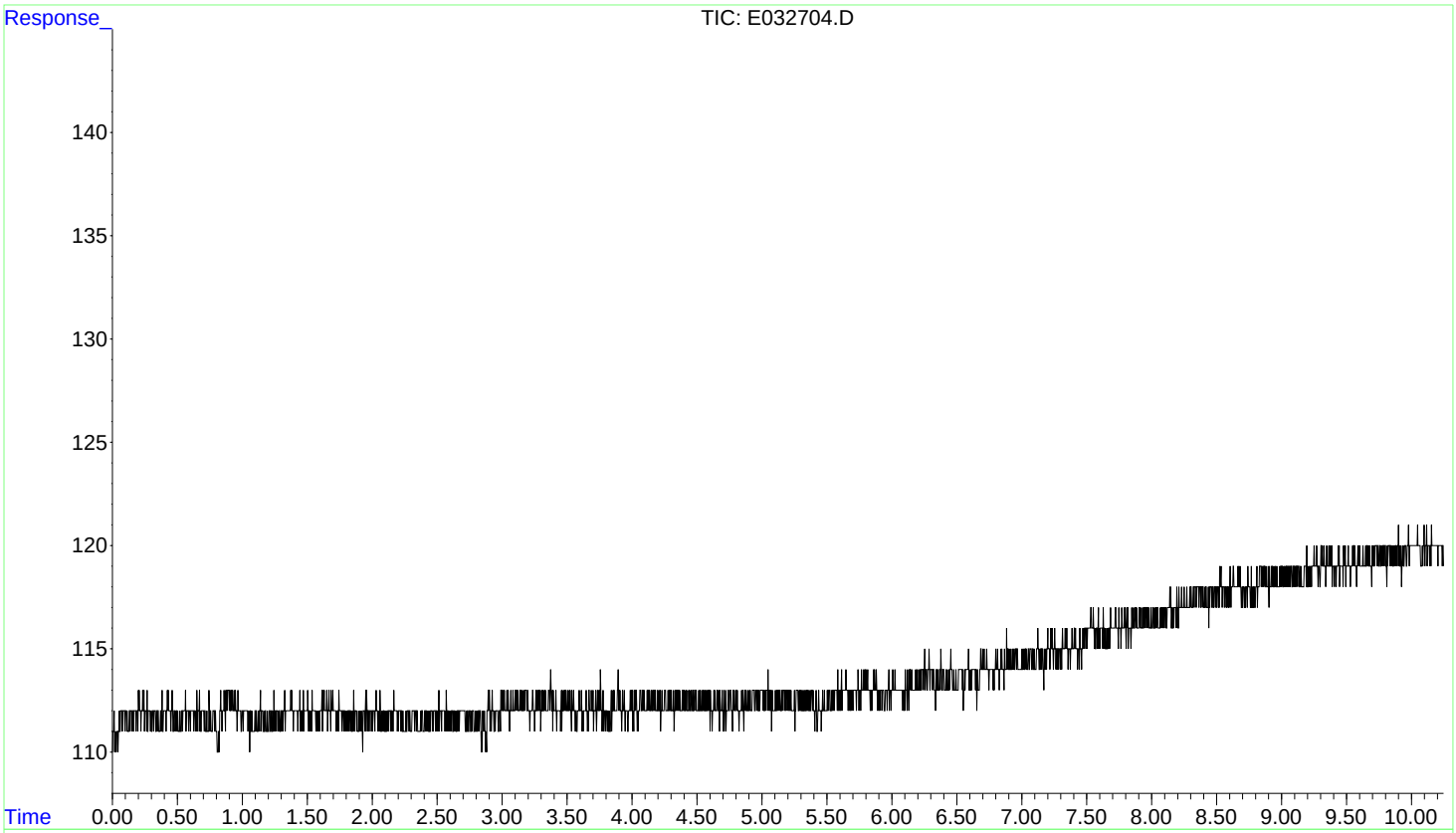
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

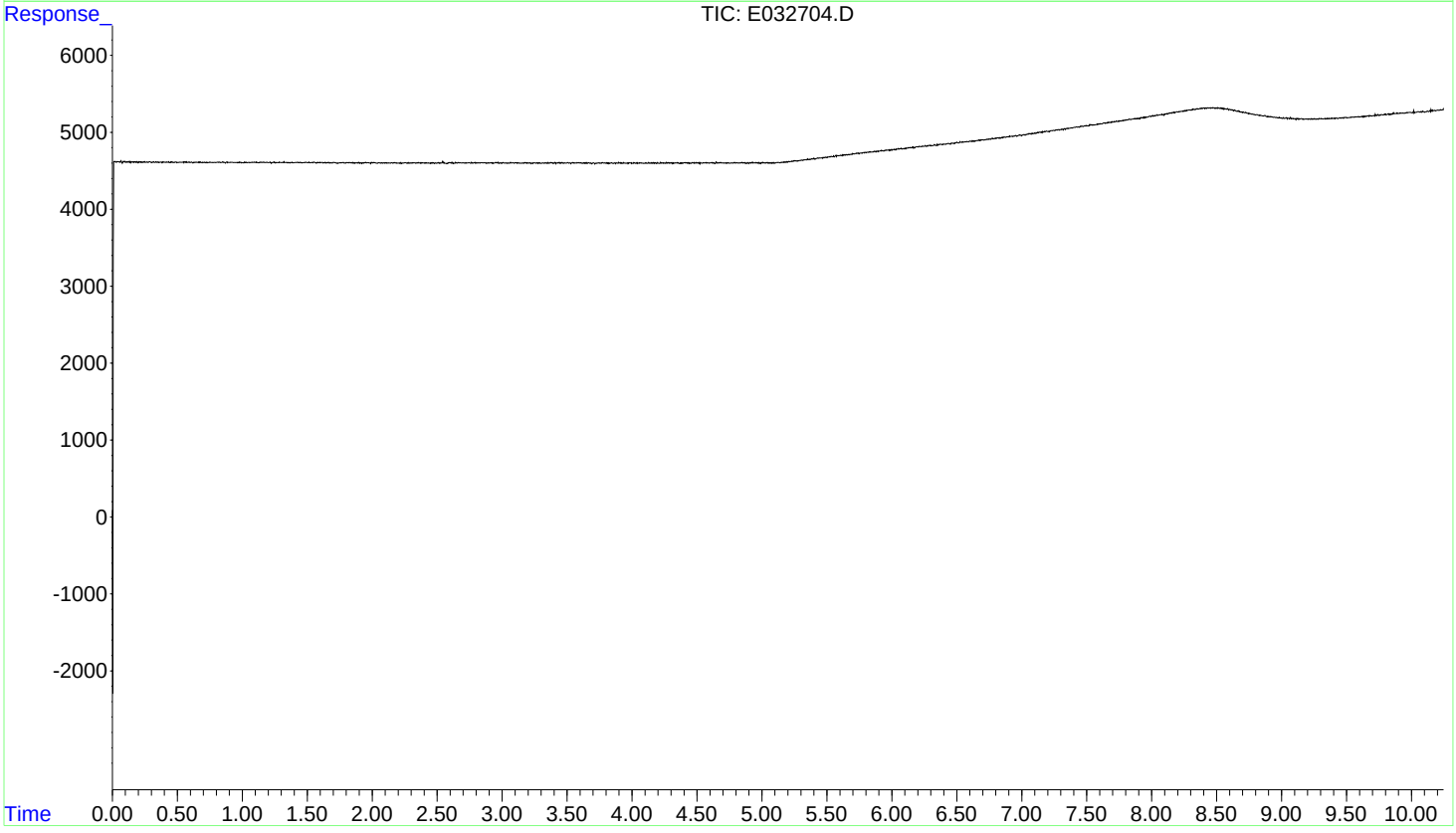
Data File : R:\E032712\E032704.D
Acq On : 27 Mar 2012 9:21 am
Sample : MBL 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:12:56 2012

Vial: 4
Operator: WSD
Inst : HP5890
Multiplr: 1.00

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Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048703-BS1	File ID:	E032703.D
Sampled:		Prepared:	03/27/12 08:38	Analyzed:	03/27/12 08:50
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048703	Sequence:	S001958	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	2000			
74-85-1	Ethene	2000			
74-82-8	Methane	2000			

Quantitation Report (QT Reviewed)

Data File : R:\E032712\E032703.D Vial: 3
Acq On : 27 Mar 2012 8:50 am Operator: WSD
Sample : 2000PPM RSK-175 QC Inst : HP5890
Misc : CTS-103 Multiplr: 1.00
Quant Time: Apr 13 16:12:53 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.176	0	677546	N.D.	1959.474
2)	Ethene	0.000	7.656	0	986785	N.D.	1988.028m
3)	Ethane	0.000	8.545	0	1077567	N.D.	1986.348m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

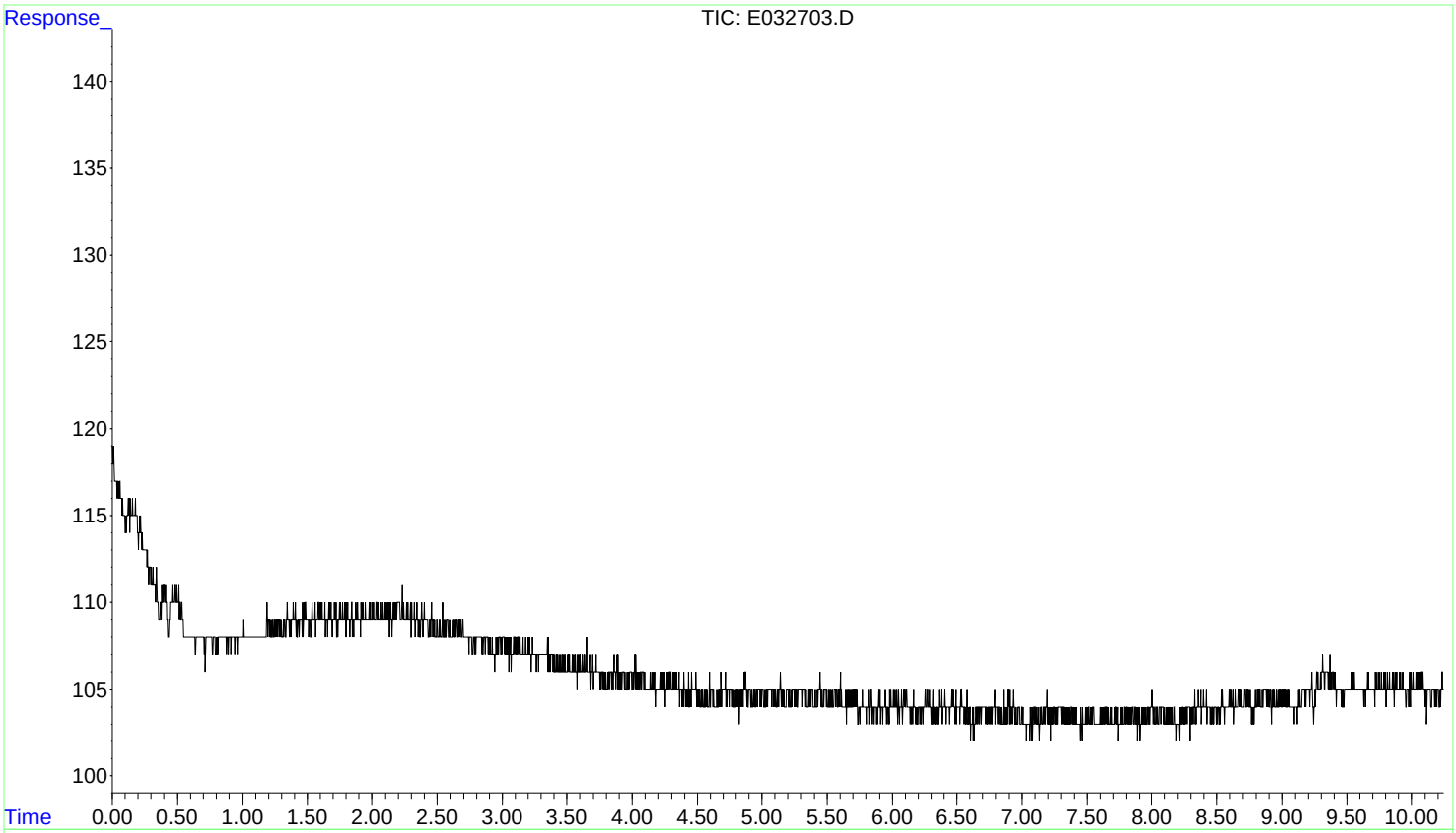
Quantitation Report (QT Reviewed)

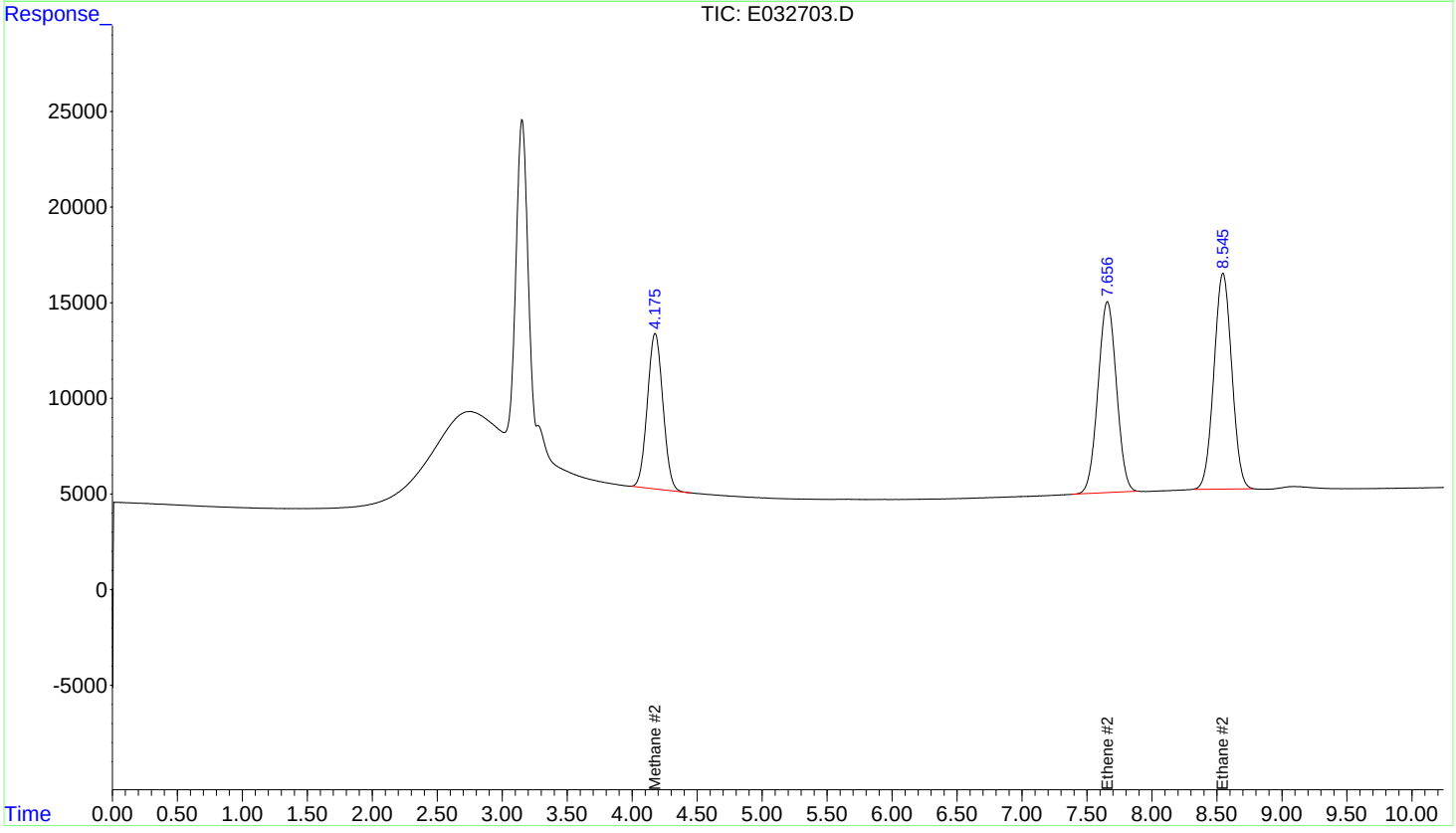
277

Data File : R:\E032712\E032703.D
Acq On : 27 Mar 2012 8:50 am
Sample : 2000PPM RSK-175 QC
Misc : CTS-103
Quant Time: Apr 13 16:12:53 2012

Vial: 3
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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ICP

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1 - FORM I
ANALYSIS DATA SHEET
MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02
Sampled:	03/20/12 09:32		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	2.0	0.026	0.050	1		B048401	03/26/12 10:52	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03
Sampled:	03/20/12 10:45		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	2.4	0.026	0.050	1		B048401	03/26/12 10:57	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04
Sampled:	03/20/12 12:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	0.062	0.026	0.050	1		B048401	03/26/12 11:02	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05
Sampled:	03/20/12 14:22		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	1.6	0.026	0.050	1		B048401	03/26/12 11:07	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06
Sampled:	03/20/12 16:07		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron	1.0	0.026	0.050	1		B048401	03/23/12 14:33	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S002027

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S002027-ICV1	Iron	1.00	1.02	102	mg/L	+/- 10.00%
S002027-CCV1	Iron	5.00	5.16	103	mg/L	+/- 10.00%
S002027-CCV2	Iron	5.00	5.24	105	mg/L	+/- 10.00%
S002027-CCV3	Iron	5.00	5.28	106	mg/L	+/- 10.00%
S002027-CCV4	Iron	5.00	5.10	102	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S002028

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S002028-ICV1	Iron	1.00	1.05	105	mg/L	+/- 10.00%
S002028-CCV1	Iron	5.00	5.11	102	mg/L	+/- 10.00%
S002028-CCV2	Iron	5.00	5.07	101	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S002027		

Lab Sample ID	Analyte	Found	Units	RL	C
S002027-CCB1	Iron	-0.0035	mg/L	0.050	U
B048401-BLK1	Iron	0.016	mg/L	0.050	U
S002027-CCB2	Iron	0.0046	mg/L	0.050	U
S002027-CCB3	Iron	0.029	mg/L	0.050	J
S002027-CCB4	Iron	0.015	mg/L	0.050	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S002028		

Lab Sample ID	Analyte	Found	Units	RL	C
S002028-CCB1	Iron	-0.0015	mg/L	0.050	U
S002028-CCB2	Iron	0.013	mg/L	0.050	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S002027		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S002027-IFA1	Iron	0.05	100	100.65	101	mg/L
S002027-IFB1	Iron	0.05	100	101.41	101	mg/L
S002027-IFA2	Iron	0.05	100	104.25	104	mg/L
S002027-IFB2	Iron	0.05	100	102.41	102	mg/L

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S002028		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S002028-IFA1	Iron	0.05	100	101.54	102	mg/L
S002028-IFB1	Iron	0.05	100	100.61	101	mg/L
S002028-IFA2	Iron	0.05	100	98.47	98.5	mg/L
S002028-IFB2	Iron	0.05	100	99.18	99.2	mg/L

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B048401	Laboratory ID:	B048401-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Iron	2.00	2.11	106	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Iron	2.00	2.04	102	3.33	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0620
Client: Ecology & Environment
Matrix: Water
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Iron	0.026	0.050	mg/L	SW-846 6010C

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0620
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048401	Batch Matrix:	Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/22/12 16:37	50.00	50.00
MW-31C-March 2012	12C0620-03	03/22/12 16:37	50.00	50.00
MW-31B-March 2012	12C0620-04	03/22/12 16:37	50.00	50.00
MW-46D-March 2012	12C0620-05	03/22/12 16:37	50.00	50.00
MW-46C-March 2012	12C0620-06	03/22/12 16:37	50.00	50.00
Blank	B048401-BLK1	03/22/12 16:37	50.00	50.00
LCS	B048401-BS1	03/22/12 16:37	50.00	50.00
LCS Dup	B048401-BSD1	03/22/12 16:37	50.00	50.00

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ANALYTICAL LABORATORY
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SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYSIS SEQUENCE

S002027

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 5:29:39PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S002027-ICV1	QC		1		1203197	1203187		
S002027-CCB1	QC		2		1203068	1203187		
S002027-LCV1	QC		3		1112206	1203187		
S002027-CCV1	QC		4		1203066	1203187		
S002027-IFA1	QC		5		1202133	1203187		
S002027-IFB1	QC		6		1202134	1203187		
B048401-BLK1	QC		7			1203187		
B048401-BS1	QC		8			1203187		
B048401-BSD1	QC		9			1203187		
S002027-CCV2	QC		10		1203066	1203187		
S002027-CCB2	QC		11		1203068	1203187		
B048432-BLK1	QC		12			1203187		
B048432-BS2	QC		13			1203187		
B048432-BS1	QC		14			1203187		
B048432-BSD1	QC		15			1203187		
12C0704-03	Lead 6010 Total	A	16			1203187		
S002027-CCV3	QC		17		1203066	1203187		
S002027-CCB3	QC		18		1203068	1203187		
12C0704-05	Lead 6010 Total	A	19					
12C0620-06	Iron 6010 Total	D	20			1203187		
S002027-CCV4	QC		21		1203066	1203187		
S002027-CCB4	QC		22		1203068	1203187		
S002027-IFA2	QC		23		1202133	1203187		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S002027

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 5:29:39PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S002027-IFB2	QC		24		1202134	1203187		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 03/22/12 16:37 | B048401 | **Printed: 3/22/2012 4:38:56PM**

Con-Test Analytical Laboratory

Matrix: Water

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B048401-BLK1	Blank	50	50		|	
B048401-BS1	LCS	50	50		1000 |	
B048401-BSD1	LCS Dup	50	50		1000 |	
B048401-DUP1	Duplicate [12C0595-01]	50	50		|	
B048401-MS1	Matrix Spike [12C0595-01]	50	50		1000 |	
12C0595-01	Influent	50	50			dded for BatchQC in: B048401
12C0595-02	Effluent	50	50	03/27/12		
12C0599-08	WB5A-MW	50	50	03/28/12		
12C0599-11	WB22A-MW	50	50	03/28/12		
12C0599-14	SEA12A-MW	50	50	03/28/12		
12C0620-02	MW-31D-March 2012	50	50	03/28/12		
12C0620-03	MW-31C-March 2012	50	50	03/28/12		
12C0620-04	MW-31B-March 2012	50	50	03/28/12		
12C0620-05	MW-46D-March 2012	50	50	03/28/12		
12C0620-06	MW-46C-March 2012	50	50	03/28/12		
12C0643-01	GM12001	50	50	03/29/12		
12C0643-02	GM12002	50	50	03/29/12		
12C0644-01	GM110021	50	50	03/29/12		eport in mg/L
12C0657-01	RIZ-25	50	50	03/28/12		
12C0657-02	RIZ-43R	50	50	03/28/12		
12C0657-03	MW-14/RIZ-3R	50	50	03/28/12		
12C0657-04	RIZ-24	50	50	03/28/12		

Cd Fe Mn Na

Standard(s):
1110211 QC Standard 26 metals 1000 uL

Standard ID#	Description	Manufacture Lot#
1110022	Hydrochloric Acid 36.5-38%	RR1-231 AMP 3/22/12
1203048	Nitric Acid 69-70%	RR1-326

Sr 1 @ 95.2C
Eppendorf 4035696

Witness [signature] [signature] 3-22-12

AMP 3/22/12
Prepared By Date

KDM 3/30/12
Preparation Reviewed By Date

PREPARATION BENCH SHEET

Prepared: 03/23/12 08:51 | **B048432** | **Printed: 3/23/2012 10:43:35AM**

Con-Test Analytical Laboratory

Matrix: Soil

Prepared using: METALS - SW-846 3050B

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B048432-BLK1	Blank AMP 3/23/12 1.0	~~1.0006~~	50		|	
B048432-BS1	LCS	0.492	50		492 |	
B048432-BS2	LCS	1.0012	50		250 |	
B048432-BSD1	LCS Dup	0.5019	50		501.9 |	
B048432-DUP1	Duplicate [12C0567-57RE1]	1.0024	50		|	
B048432-MS1	Matrix Spike [12C0567-57RE1]	1.0028	50		250 |	
12C0567-57RE1	J-500 (4-5ft)	1.0093	50			ed for BatchQC in: B048432
12C0613-01	WCS-97	1.0014	50	03/26/12		
12C0672-01	NPd1	1.0105	50	03/26/12		
12C0672-02	SPd2	1.0028	50	03/26/12		
12C0703-01	DISP-1	1.0015	50	03/23/12		
12C0704-03	E4(B)-BOT	1.0008	50	03/23/12		
12C0704-05	DUP-4	1.0039	50	03/23/12		

As Ba Be Cd Cr Cu Mn Ni Pb Se Zn

Ag

Standard(s):

1111228	QC Standard 26 metals	250 uL
1202221	SRM D076-540	492 uL
		501.9 uL
1203108	RLV Lead Spike	250 uL

Standard ID#	Description	Manufacture Lot#
1107202	Hydrochloric Acid 36.5-38%	K12046
1203048	Nitric Acid 69-70%	RR1-326
1203154	Hydrogen Peroxide 30%	51147134

Weighed Scale #2 3/23/12 by AEW
QCs weighed 3/23/12 OP
Sr. 2 @ 94.6C 3/23/12 OP
W/B048446
Eppen# 4035696

Spike Witness AMR 3/23/12
AMR

OP 3-23-12 AMP 4/2/12

Prepared By Date Preparation Reviewed By Date

OPTIMA 2
03/23/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		3/23/2012	9:39:43 AM	5358049	1			
Calib Blank 1	Fe		mg/L		3/23/2012	9:38:50 AM	-202	1			
Calib Blank 1	Pb		mg/L		3/23/2012	9:40:06 AM	69	6			
S1-17	Y		%		3/23/2012	9:42:58 AM	5150770	0			
S1-17	Fe		mg/L		3/23/2012	9:42:38 AM	13533	3			
S1-17	Pb		mg/L		3/23/2012	9:42:58 AM	80515	0			
SEQ-ICV	Y		%		3/23/2012	9:56:43 AM	5296181	1			
SEQ-ICV	Fe	1.0162	mg/L	102	3/23/2012	9:55:50 AM	1375	0	1.0140	1.0194	1.0152
SEQ-ICV	Pb	0.9901	mg/L	99	3/23/2012	9:56:46 AM	7972	1	0.9833	0.9804	1.0067
SEQ-CCB	Y		%		3/23/2012	10:09:14 AM	5306840	0			
SEQ-CCB	Fe	-0.0035	mg/L		3/23/2012	10:08:20 AM	-5	43	-0.0018	-0.0038	-0.0048
SEQ-CCB	Pb	0.0008	mg/L		3/23/2012	10:09:36 AM	7	56	0.0013	0.0007	0.0004
SEQ-LCV	Y		%		3/23/2012	10:15:05 AM	5352324	1			
SEQ-LCV	Fe	0.0531	mg/L	106	3/23/2012	10:14:11 AM	72	6	0.0563	0.0533	0.0498
SEQ-LCV	Pb	0.0093	mg/L	93	3/23/2012	10:15:27 AM	75	6	0.0086	0.0096	0.0097
SEQ-CCV 17	Y		%		3/23/2012	10:23:23 AM	5249464	0			
SEQ-CCV 17	Fe	5.1572	mg/L	103	3/23/2012	10:22:26 AM	6980	1	5.2148	5.1010	5.1559
SEQ-CCV 17	Pb	4.9834	mg/L	100	3/23/2012	10:23:26 AM	40124	1	4.9601	4.9732	5.0171
SEQ-IFA	Y		%		3/23/2012	10:48:52 AM	4671261	1			
SEQ-IFA	Fe	100.6468	mg/L	101	3/23/2012	10:47:38 AM	136210	1	99.9219	101.0453	100.9731
SEQ-IFA	Pb	-0.0136	mg/L		3/23/2012	10:49:14 AM	-109	5	-0.0132	-0.0130	-0.0144
SEQ-IFB	Y		%		3/23/2012	10:53:45 AM	4632221	1			
SEQ-IFB	Fe	101.4073	mg/L	101	3/23/2012	10:52:48 AM	137239	1	100.6292	101.6016	101.9911
SEQ-IFB	Pb	0.9236	mg/L	92	3/23/2012	10:54:07 AM	7436	2	0.9075	0.9264	0.9368
B048401-BLK1	Y		%		3/23/2012	11:06:50 AM	5379643	0			
B048401-BLK1	Fe	0.0163	mg/L		3/23/2012	11:05:57 AM	22	5	0.0172	0.0155	0.0162
B048401-BLK1	Pb	0.0004	mg/L		3/23/2012	11:07:13 AM	3	82	0.0008	0.0004	0.0001
B048401-BS1	Y		%		3/23/2012	11:11:35 AM	5230809	1			
B048401-BS1	Fe	2.1127	mg/L		3/23/2012	11:10:41 AM	2859	1	2.1219	2.0933	2.1228
B048401-BS1	Pb	1.9823	mg/L		3/23/2012	11:11:58 AM	15961	1	2.0006	1.9721	1.9743
B048401-BSD1	Y		%		3/23/2012	11:17:21 AM	5205475	1			
B048401-BSD1	Fe	2.0434	mg/L		3/23/2012	11:16:26 AM	2765	1	2.0391	2.0354	2.0556
B048401-BSD1	Pb	1.9684	mg/L		3/23/2012	11:17:43 AM	15849	1	1.9409	1.9928	1.9714
SEQ-CCV 17	Y		%		3/23/2012	11:57:08 AM	5204103	0			
SEQ-CCV 17	Fe	5.2414	mg/L	105	3/23/2012	11:56:10 AM	7093	1	5.2023	5.2401	5.2818
SEQ-CCV 17	Pb	5.0173	mg/L	100	3/23/2012	11:57:10 AM	40397	0	5.0420	4.9953	5.0146
SEQ-CCB	Y		%		3/23/2012	12:13:22 PM	5297845	1			
SEQ-CCB	Fe	0.0046	mg/L		3/23/2012	12:12:28 PM	6	116	-0.0005	0.0100	0.0042
SEQ-CCB	Pb	0.0000	mg/L		3/23/2012	12:13:44 PM	0	899	0.0003	-0.0001	-0.0004
B048432-BLK1	Y		%		3/23/2012	12:55:58 PM	5191979	1			
B048432-BLK1	Fe	0.0384	mg/L		3/23/2012	12:55:04 PM	52	10	0.0414	0.0395	0.0342
B048432-BLK1	Pb	0.0104	mg/L		3/23/2012	12:56:20 PM	84	4	0.0109	0.0101	0.0103
B048432-BS2	Y		%		3/23/2012	1:06:13 PM	5056711	1			
B048432-BS2	Fe	0.0590	mg/L		3/23/2012	1:05:20 PM	80	3	0.0584	0.0608	0.0577
B048432-BS2	Pb	0.0245	mg/L		3/23/2012	1:06:36 PM	198	3	0.0250	0.0236	0.0250
B048432-BS1	Y		%		3/23/2012	1:13:01 PM	4786539	1			
B048432-BS1	Fe	102.4200	mg/L		3/23/2012	1:12:09 PM	138610	1	101.8174	102.3991	103.0436
B048432-BS1	Pb	0.8989	mg/L		3/23/2012	1:13:21 PM	7238	1	0.9068	0.9014	0.8886
B048432-BSD1	Y		%		3/23/2012	1:17:48 PM	4796867	1			
B048432-BSD1	Fe	106.7984	mg/L		3/23/2012	1:16:54 PM	144535	0	106.5310	107.0823	106.7818
B048432-BSD1	Pb	0.9494	mg/L		3/23/2012	1:18:11 PM	7644	1	0.9576	0.9450	0.9456
12C0704-03	Y		%		3/23/2012	1:26:57 PM	4322421	1			
12C0704-03	Fe	1591.6944	mg/L		3/23/2012	1:26:35 PM	2154112	0	1587.5949	1590.8644	1596.6240
12C0704-03	Pb	85.3809	mg/L		3/23/2012	1:26:57 PM	687446	0	85.4041	85.5997	85.1390
SEQ-CCV 17	Y		%		3/23/2012	1:37:08 PM	5313874	1			
SEQ-CCV 17	Fe	5.2815	mg/L	106	3/23/2012	1:36:10 PM	7148	1	5.2628	5.2671	5.3146
SEQ-CCV 17	Pb	4.8510	mg/L	97	3/23/2012	1:37:10 PM	39058	1	4.8762	4.8669	4.8101
SEQ-CCB	Y		%		3/23/2012	1:48:34 PM	5388384	0			
SEQ-CCB	Fe	0.0293	mg/L		3/23/2012	1:47:41 PM	40	11	0.0273	0.0277	0.0329
SEQ-CCB	Pb	0.0023	mg/L		3/23/2012	1:48:57 PM	18	27	0.0029	0.0023	0.0017
12C0620-06	Y		%		3/23/2012	2:37:08 PM	5239275	1			
12C0620-06	Fe	1.0263	mg/L		3/23/2012	2:36:14 PM	1389	3	1.0561	1.0270	0.9956
12C0620-06	Pb	0.0017	mg/L		3/23/2012	2:37:30 PM	14	34	0.0023	0.0015	0.0013
SEQ-CCV 17	Y		%		3/23/2012	2:41:59 PM	5279472	1			
SEQ-CCV 17	Fe	5.0978	mg/L	102	3/23/2012	2:41:01 PM	6899	1	5.0962	5.0529	5.1445
SEQ-CCV 17	Pb	4.8073	mg/L	96	3/23/2012	2:42:01 PM	38706	1	4.7535	4.8435	4.8250
SEQ-CCB	Y		%		3/23/2012	2:58:07 PM	5411750	0			
SEQ-CCB	Fe	0.0149	mg/L		3/23/2012	2:57:13 PM	20	19	0.0123	0.0179	0.0144
SEQ-CCB	Pb	0.0006	mg/L		3/23/2012	2:58:29 PM	5	37	0.0008	0.0007	0.0004
SEQ-IFA	Y		%		3/23/2012	5:34:00 PM	4558354	1			
SEQ-IFA	Fe	104.2480	mg/L	104	3/23/2012	5:32:46 PM	141084	1	102.5710	104.8103	105.3628
SEQ-IFA	Pb	-0.0133	mg/L		3/23/2012	5:34:23 PM	-107	5	-0.0140	-0.0132	-0.0128
SEQ-IFB	Y		%		3/23/2012	5:38:52 PM	4578548	1			

OPTIMA 2
03/23/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-IFB	Fe	102.4095	mg/L	102	3/23/2012	5:37:56 PM	138595	1	101.6302	102.6182	102.9800
SEQ-IFB	Pb	0.8985	mg/L	90	3/23/2012	5:39:14 PM	7234	1	0.9029	0.8913	0.9013

ANALYSIS SEQUENCE

S002028

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 1:47:57PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S002028-ICV1	QC		1		1203197	1203187		
S002028-CCB1	QC		2		1203068	1203187		
S002028-LCV1	QC		3		1112206	1203187		
S002028-CCV1	QC		4		1203066	1203187		
S002028-IFA1	QC		5		1202133	1203187		
S002028-IFB1	QC		6		1202134	1203187		
12C0620-02	Iron 6010 Total	D	7			1203187	Ecology & Environment	
12C0620-03	Iron 6010 Total	D	8			1203187	Ecology & Environment	
12C0620-04	Iron 6010 Total	D	9			1203187	Ecology & Environment	
12C0620-05	Iron 6010 Total	D	10			1203187	Ecology & Environment	
S002028-CCV2	QC		11		1203066	1203187		
S002028-CCB2	QC		12		1203068	1203187		
S002028-IFA2	QC		13		1202133	1203187		
S002028-IFB2	QC		14		1202134	1203187		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 03/22/12 16:37 | B048401 | **Printed: 3/22/2012 4:38:56PM**

Con-Test Analytical Laboratory

Matrix: Water

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B048401-BLK1	Blank	50	50		|	
B048401-BS1	LCS	50	50		1000 |	
B048401-BSD1	LCS Dup	50	50		1000 |	
B048401-DUP1	Duplicate [12C0595-01]	50	50		|	
B048401-MS1	Matrix Spike [12C0595-01]	50	50		1000 |	
12C0595-01	Influent	50	50			Added for BatchQC in: B048401
12C0595-02	Effluent	50	50	03/27/12		
12C0599-08	WB5A-MW	50	50	03/28/12		
12C0599-11	WB22A-MW	50	50	03/28/12		
12C0599-14	SEA12A-MW	50	50	03/28/12		
12C0620-02	MW-31D-March 2012	50	50	03/28/12	Ecology & Environment	
12C0620-03	MW-31C-March 2012	50	50	03/28/12	Ecology & Environment	
12C0620-04	MW-31B-March 2012	50	50	03/28/12	Ecology & Environment	
12C0620-05	MW-46D-March 2012	50	50	03/28/12	Ecology & Environment	
12C0620-06	MW-46C-March 2012	50	50	03/28/12	Ecology & Environment	
12C0643-01	GM12001	50	50	03/29/12		
12C0643-02	GM12002	50	50	03/29/12		
12C0644-01	GM110021	50	50	03/29/12		mg/L
12C0657-01	RIZ-25	50	50	03/28/12		
12C0657-02	RIZ-43R	50	50	03/28/12		
12C0657-03	MW-14/RIZ-3R	50	50	03/28/12		
12C0657-04	RIZ-24	50	50	03/28/12		

Cd Fe Mn Na

Standard(s):
1110211 QC Standard 26 metals 1000 uL

Standard ID#	Description	Manufacture Lot#
1110022	Hydrochloric Acid 36.5-38%	RR1-231 AMP 3/22/12
1203048	Nitric Acid 69-70%	RR1-326

Sr 1 @ 95.2C
Eppendorf 4035696

Witness [signature] [signature] 3-22-12

AMP 3/22/12
Prepared By Date

KAM 3/30/12
Preparation Reviewed By Date

OPTIMA 2
03/26/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		3/26/2012	9:17:20 AM	5331953	2			
Calib Blank 1	Fe		mg/L		3/26/2012	9:16:26 AM	-194	2			
S1-17	Y		%		3/26/2012	9:20:35 AM	5141902	1			
S1-17	Fe		mg/L		3/26/2012	9:20:15 AM	13359	1			
SEQ-ICV	Y		%		3/26/2012	9:37:13 AM	5209063	1			
SEQ-ICV	Fe	1.0545	mg/L	105	3/26/2012	9:36:19 AM	1409	1	1.0457	1.0508	1.0669
SEQ-CCB	Y		%		3/26/2012	9:46:47 AM	5391641	0			
SEQ-CCB	Fe	-0.0015	mg/L		3/26/2012	9:45:54 AM	-2	232	0.0020	-0.0049	-0.0016
SEQ-LCV	Y		%		3/26/2012	9:59:41 AM	5396993	0			
SEQ-LCV	Fe	0.0521	mg/L	104	3/26/2012	9:58:47 AM	70	2	0.0534	0.0517	0.0514
SEQ-CCV 17	Y		%		3/26/2012	10:13:07 AM	5340226	0			
SEQ-CCV 17	Fe	5.1123	mg/L	102	3/26/2012	10:12:09 AM	6830	1	5.1951	5.0932	5.0487
SEQ-IFA	Y		%		3/26/2012	10:36:20 AM	4615665	0			
SEQ-IFA	Fe	101.5379	mg/L	102	3/26/2012	10:35:06 AM	135646	1	100.4141	102.1681	102.0315
SEQ-IFB	Y		%		3/26/2012	10:41:11 AM	4731238	0			
SEQ-IFB	Fe	100.6101	mg/L	101	3/26/2012	10:40:15 AM	134406	1	99.9276	100.7042	101.1984
12C0620-02	Y		%		3/26/2012	10:56:04 AM	5199929	1			
12C0620-02	Fe	2.0314	mg/L		3/26/2012	10:55:10 AM	2714	1	2.0104	2.0339	2.0499
12C0620-03	Y		%		3/26/2012	11:00:47 AM	5163326	0			
12C0620-03	Fe	2.4264	mg/L		3/26/2012	10:59:53 AM	3241	1	2.3976	2.4262	2.4554
12C0620-04	Y		%		3/26/2012	11:05:37 AM	5128458	1			
12C0620-04	Fe	0.0621	mg/L		3/26/2012	11:04:43 AM	83	9	0.0680	0.0616	0.0567
12C0620-05	Y		%		3/26/2012	11:10:20 AM	5176423	0			
12C0620-05	Fe	1.5517	mg/L		3/26/2012	11:09:26 AM	2073	1	1.5727	1.5388	1.5435
SEQ-CCV 17	Y		%		3/26/2012	11:43:25 AM	5206777	2			
SEQ-CCV 17	Fe	5.0724	mg/L	101	3/26/2012	11:42:27 AM	6776	1	4.9985	5.0935	5.1252
SEQ-CCB	Y		%		3/26/2012	12:05:39 PM	5382729	1			
SEQ-CCB	Fe	0.0127	mg/L		3/26/2012	12:04:45 PM	17	12	0.0140	0.0129	0.0111
SEQ-IFA	Y		%		3/26/2012	6:58:54 PM	4727469	0			
SEQ-IFA	Fe	98.4710	mg/L	98	3/26/2012	6:57:40 PM	131549	1	96.8702	99.2256	99.3171
SEQ-IFB	Y		%		3/26/2012	7:03:47 PM	4759680	0			
SEQ-IFB	Fe	99.1792	mg/L	99	3/26/2012	7:02:50 PM	132495	1	98.6418	99.2304	99.6653

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SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
MW-31D-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-02
Sampled:	03/20/12 09:32		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron	1.5	0.066	0.40	2	D	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N		0.036	0.050	1	U	B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048306	03/21/12 12:00	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048395	03/22/12 09:10	SM 18-20 4500 P E
14808-79-8	Sulfate	42	2.8	4.0	2	D	B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon		0.57	1.0	1	J	B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
MW-31C-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-03
Sampled:	03/20/12 10:45		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron	2.1	0.16	1.0	5	D	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	0.12	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N	0.010	0.0060	0.010	1		B048306	03/21/12 12:00	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	J	B048395	03/22/12 09:10	SM 18-20 4500 P E
14808-79-8	Sulfate	39	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.1	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-04
Sampled:	03/20/12 12:00		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	U	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	3.5	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3 F
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048306	03/21/12 12:00	SM 18-20 4500 NO2 B
PHOSPHATE	Orthophosphate as P	0.052	0.030	0.050	1		B048395	03/22/12 09:10	SM 18-20 4500 P E
14808-79-8	Sulfate	22	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon	1.2	0.57	1.0	1		B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
MW-46D-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-05
Sampled:	03/20/12 14:22		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron	1.3	0.066	0.40	2	D	B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	0.35	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	J	B048306	03/21/12 12:00	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048395	03/22/12 09:10	SM 18-20 4500 P E
14808-79-8	Sulfate	44	2.8	4.0	2	D	B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon		0.57	1.0	1	J	B048633	03/23/12 08:17	SM 5310B

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1 - FORM I
ANALYSIS DATA SHEET
MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0620-06
Sampled:	03/20/12 16:07		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron	0.72	0.033	0.20	1		B048508	03/22/12 16:00	SM18-20 3500 Fe D
14797-55-8	Nitrate as N	6.2	0.036	0.050	1		B048564	03/26/12 11:35	SM 18-20 4500 NO3
14797-65-0	Nitrite as N	0.022	0.0060	0.010	1		B048306	03/21/12 12:00	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048395	03/22/12 09:10	SM 18-20 4500 P E
14808-79-8	Sulfate	29	1.4	2.0	1		B048577	03/26/12 18:20	ASTM D516-90, 02
NA	Total Organic Carbon		0.57	1.0	1	J	B048634	03/26/12 08:17	SM 5310B

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INITIAL AND CONTINUING CALIBRATION CHECK

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B048306-CCV1	Nitrite as N	0.100	0.0972	97.2	mg/L	+/- %
B048306-CCV2	Nitrite as N	0.100	0.103	103	mg/L	+/- %

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INITIAL AND CONTINUING CALIBRATION CHECK

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B048395-CCV1	Orthophosphate as P	0.300	0.321	107	mg/L	+/- %

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 NO2 B
Batch:	B048306	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048306-MS2
Column:		Sample Lab ID:	12C0620-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Nitrite as N	0.100	ND	0.091	90.8	71.8 - 116

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 P E
Batch:	B048395	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048395-MS1
Column:		Sample Lab ID:	12C0620-06

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Orthophosphate as P	0.300	ND	0.32	107	67.3 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	ASTM D516-90, 02
Batch:	B048577	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048577-MS2
Column:		Sample Lab ID:	12C0620-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Sulfate	20.0	22	38	79.0	54.4 - 133

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DUPLICATES

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048306-DUP2
Batch:	B048306	Initial/Final:	50 mL / 50 mL
Preparation:	NO PREP	Analysis:	SM 18-20 4500 NO2 B

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Nitrite as N	ND	0.010 U			17

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DUPLICATES

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048395-DUP1
Batch:	B048395	Initial/Final:	50 mL / 50 mL
Preparation:	NO PREP	Analysis:	SM 18-20 4500 P E

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Orthophosphate as P	ND	0.050 U			17.6

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DUPLICATES

MW-31B-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048577-DUP1
Batch:	B048577	Initial/Final:	100 mL / 100 mL
Preparation:	NO PREP	Analysis:	ASTM D516-90, 02

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Sulfate	22	23	3.23		18.6

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

DUPLICATES

MW-46C-March 2012

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048634-DUP1
Batch:	B048634	Initial/Final:	50 mL / 50 mL
Preparation:	NO PREP	Analysis:	SM 5310B

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Total Organic Carbon	0.781	1.0 J			26.6

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048306	Laboratory ID:	B048306-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrite as N	0.100	0.10	101	90.9 - 113

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrite as N	0.100	0.10	102	0.698	6.88	90.9 - 113

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048395	Laboratory ID:	B048395-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Orthophosphate as P	0.420	0.42	101	87.4 - 119

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Orthophosphate as P	0.420	0.44	104	2.97	11.2	87.4 - 119

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048508	Laboratory ID:	B048508-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ferrous Iron	0.800	0.79	98.4	85 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Ferrous Iron	0.800	0.79	98.4	0.00	20	85 - 115

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SM 4500 NO3-F
Batch:	B048564	Laboratory ID:	B048564-BS1
Column:		Initial/Final:	25 mL / 25 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrate as N	3.71	3.7	99.7	94.7 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrate as N	3.71	3.7	99.5	0.271	3.36	94.7 - 112

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048577	Laboratory ID:	B048577-BS1
Column:		Initial/Final:	100 mL / 100 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Sulfate	20.0	19	95.8	81.5 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Sulfate	20.0	19	95.3	0.471	10.6	81.5 - 115

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048633	Laboratory ID:	B048633-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Total Organic Carbon	10.0	10.2	102	88.3 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	10.0	10.6	106	3.95	6.58	88.3 - 112

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048634	Laboratory ID:	B048634-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Total Organic Carbon	10.0	9.94	99.4	88.3 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	10.0	9.73	97.3	2.14	6.58	88.3 - 112

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0620
Client: Ecology & Environment
Matrix: Water
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Sulfate	2.0	2.0	mg/L	ASTM D516-90, 02
Nitrite as N	0.0060	0.010	mg/L	M 18-20 4500 NO2
Nitrate as N	0.036	0.050	mg/L	M 18-20 4500 NO3
Orthophosphate as P	0.030	0.050	mg/L	SM 18-20 4500 P E
Total Organic Carbon	0.85	1.0	mg/L	SM 5310B
Ferrous Iron	0.033	0.20	mg/L	SM18-20 3500 Fe D

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PREPARATION BATCH SUMMARY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048306 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/21/12 12:00	50.00	50.00
MW-31C-March 2012	12C0620-03	03/21/12 12:00	50.00	50.00
MW-31B-March 2012	12C0620-04	03/21/12 12:00	50.00	50.00
MW-46D-March 2012	12C0620-05	03/21/12 12:00	50.00	50.00
MW-46C-March 2012	12C0620-06	03/21/12 12:00	50.00	50.00
Blank	B048306-BLK1	03/21/12 08:40	50.00	50.00
LCS	B048306-BS1	03/21/12 08:40	50.00	50.00
LCS Dup	B048306-BSD1	03/21/12 08:40	50.00	50.00
Calibration Check	B048306-CCV1	03/21/12 08:40	50.00	50.00
Calibration Check	B048306-CCV2	03/21/12 12:00	50.00	50.00
MW-31B-March 2012	B048306-DUP2	03/21/12 12:00	50.00	50.00
MW-31B-March 2012	B048306-MS2	03/21/12 12:00	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048395 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/22/12 09:10	50.00	50.00
MW-31C-March 2012	12C0620-03	03/22/12 09:10	50.00	50.00
MW-31B-March 2012	12C0620-04	03/22/12 09:10	50.00	50.00
MW-46D-March 2012	12C0620-05	03/22/12 09:10	50.00	50.00
MW-46C-March 2012	12C0620-06	03/22/12 09:10	50.00	50.00
Blank	B048395-BLK1	03/22/12 09:10	50.00	50.00
LCS	B048395-BS1	03/22/12 09:10	50.00	50.00
LCS Dup	B048395-BSD1	03/22/12 09:10	50.00	50.00
Calibration Check	B048395-CCV1	03/22/12 09:10	50.00	50.00
MW-46C-March 2012	B048395-DUP1	03/22/12 09:10	50.00	50.00
MW-46C-March 2012	B048395-MS1	03/22/12 09:10	50.00	50.00

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PREPARATION BATCH SUMMARY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048508 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/22/12 16:00	50.00	50.00
MW-31C-March 2012	12C0620-03	03/22/12 16:00	50.00	50.00
MW-31B-March 2012	12C0620-04	03/22/12 16:00	50.00	50.00
MW-46D-March 2012	12C0620-05	03/22/12 16:00	50.00	50.00
MW-46C-March 2012	12C0620-06	03/22/12 16:00	50.00	50.00
Blank	B048508-BLK1	03/22/12 16:00	50.00	50.00
LCS	B048508-BS1	03/22/12 16:00	50.00	50.00
LCS Dup	B048508-BSD1	03/22/12 16:00	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048564 Batch Matrix: Water	Preparation:	SM 4500 NO3-F

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/26/12 11:35	25.00	25.00
MW-31C-March 2012	12C0620-03	03/26/12 11:35	25.00	25.00
MW-31B-March 2012	12C0620-04	03/26/12 11:35	25.00	25.00
MW-46D-March 2012	12C0620-05	03/26/12 11:35	25.00	25.00
MW-46C-March 2012	12C0620-06	03/26/12 11:35	25.00	25.00
Blank	B048564-BLK1	03/26/12 11:35	25.00	25.00
LCS	B048564-BS1	03/26/12 11:35	25.00	25.00
LCS Dup	B048564-BSD1	03/26/12 11:35	25.00	25.00

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PREPARATION BATCH SUMMARY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048577 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/26/12 18:20	50.00	100.00
MW-31C-March 2012	12C0620-03	03/26/12 18:20	100.00	100.00
MW-31B-March 2012	12C0620-04	03/26/12 18:20	100.00	100.00
MW-46D-March 2012	12C0620-05	03/26/12 18:20	50.00	100.00
MW-46C-March 2012	12C0620-06	03/26/12 18:20	100.00	100.00
Blank	B048577-BLK1	03/26/12 18:20	100.00	100.00
LCS	B048577-BS1	03/26/12 18:20	100.00	100.00
LCS Dup	B048577-BSD1	03/26/12 18:20	100.00	100.00
MW-31B-March 2012	B048577-DUP1	03/26/12 18:20	100.00	100.00
MW-31B-March 2012	B048577-MS2	03/26/12 18:20	100.00	100.00

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PREPARATION BATCH SUMMARY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048633 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-31D-March 2012	12C0620-02	03/23/12 08:17	50.00	50.00
MW-31C-March 2012	12C0620-03	03/23/12 08:17	50.00	50.00
MW-31B-March 2012	12C0620-04	03/23/12 08:17	50.00	50.00
MW-46D-March 2012	12C0620-05	03/23/12 08:17	50.00	50.00
Blank	B048633-BLK1	03/23/12 08:17	50.00	50.00
LCS	B048633-BS1	03/23/12 08:17	50.00	50.00
LCS Dup	B048633-BSD1	03/23/12 08:17	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0620
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048634 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
MW-46C-March 2012	12C0620-06	03/26/12 08:17	50.00	50.00
Blank	B048634-BLK1	03/26/12 08:17	50.00	50.00
LCS	B048634-BS1	03/26/12 08:17	50.00	50.00
LCS Dup	B048634-BSD1	03/26/12 08:17	50.00	50.00
MW-46C-March 2012	B048634-DUP1	03/26/12 08:17	50.00	50.00

PREPARATION BENCH SHEET

B048395

Con-Test Analytical Laboratory

Printed: 3/22/2012 3:37:12PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP DLC

ABS

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0620-02	Phosphate, Ortho (as P)	03/22/12 09:10	50	50				X	Ecology & Environment	.014
12C0620-03	Phosphate, Ortho (as P)	03/22/12 09:10	50	50					Ecology & Environment	.019
12C0620-04	Phosphate, Ortho (as P)	03/22/12 09:10	50	50					Ecology & Environment	.028
12C0620-05	Phosphate, Ortho (as P)	03/22/12 09:10	50	50					Ecology & Environment	.012
12C0620-06	Phosphate, Ortho (as P)	03/22/12 09:10	50	50					Ecology & Environment	.014
B048395-BLK1	QC	03/22/12 09:10	50	50						.010
B048395-BS1	QC	03/22/12 09:10	50	50	1201037		5000		TV=0.420 mg/L	.261 101%
B048395-BSD1	QC	03/22/12 09:10	50	50	1201037		5000		± 0	.269 104%
B048395-CCV1	QC /ICV	03/22/12 09:10	50	50	1202171		300		TV=0.3 mg/L	.196 107%
B048395-DUP1	QC	03/22/12 09:10	50	50		12C0620-06				.013
B048395-MS1	QC	03/22/12 09:10	50	50	1202171	12C0620-06	300		TV=0.3 mg/L	.197 107%

Ecology (3/21) 11:05 AM

ABS / .002 = n/d

CCV = .197 = 107%

gen-eSys # 3 spec

epp # 4497797

color (wc36-214)

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Phosphate/ORTHO Method #: SM4500 PE Date/Analyst: 3/27/12 SDP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	2.5mg/L	50mL	0	mg/L	.000	std 6.	15	2.5mg/L	50mL	.75	mg/L	.408
std 2.	1	↓	↓	.105	↓	.029	std 7.	20	↓	↓	1.0	↓	.567
std 3.	4	↓	↓	.120	↓	.109	std 8.						
std 4.	6	↓	↓	.30	↓	.184	std 9.						
std 5.	10	↓	↓	.50	↓	.302	std 10.						

Intermediate: 2.5mg/L : 5mL 1202171 → 100mL (vol) w/ bottled H_2O

Intermediate:

Stock ID# 1202171

Concentration: 50 mg/L

Wavelength: 880 nm. Path Length: 1cm

Correlation Coefficient: .99764983

Expiration: 2/17/13

Diluent: bottled H_2O

Corresponding Analysis Page: batch → B0486l2

Stock Prep (Louis, Suppliers): Color WC36-230

Comments:

Analysis: _____ Method #: _____ Date/Analyst: _____

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						

Intermediate:

Intermediate:

Stock ID#

Concentration:

Wavelength: _____ nm. Path Length: _____

Correlation Coefficient: _____

Expiration:

Diluent:

Corresponding Analysis Page: _____

Stock Prep (Louis, Suppliers):

Comments:

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	**VAK**	**Prep Date/Time:**	3/22/12 9:10
		Analysis Date/Time:	3/22/12 9:10
Analyte:	**Orthophosphate as P**	**Units:**	mg/L
Method:	**SM4500PE**		

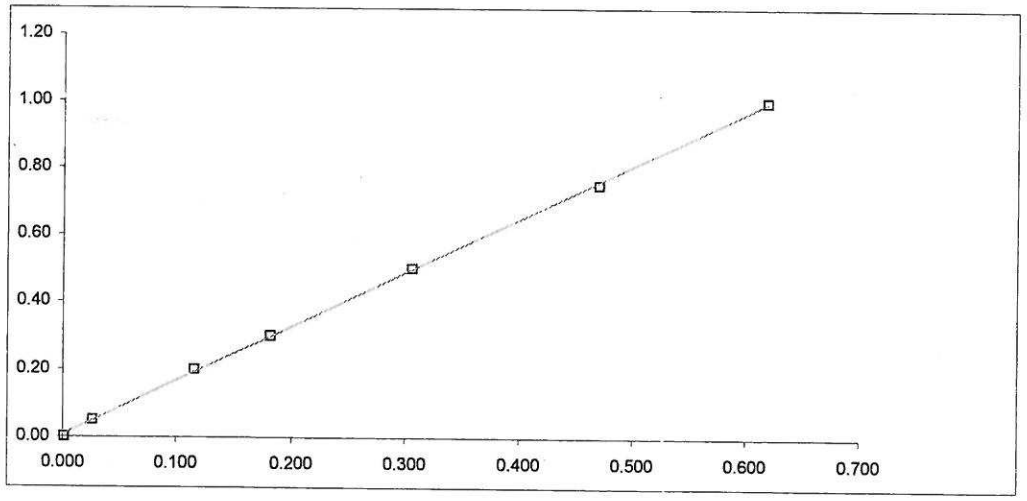
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	0.009
0.026		0.05	0.049
0.116		0.20	0.193
0.181		0.30	0.297
0.306		0.50	
0.470		0.75	
0.619		1.00	

Batch ID: B048395

LINEAR EQUATION

y=a+bx

a=	-0.0044649
b=	0.6250909
r=	0.9998537



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Import Spec. - WC_Water													
#	Sample ID	Client ID	0 0	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0620-02	MW-31D-March 2012	Sample	0.014	3/22/12 9:10		50		1		1	0.0295396	0.0295396
	12C0620-03	MW-31C-March 2012	Sample	0.019	3/22/12 9:10		50		1		1	0.037538435	0.037538435
	12C0620-04	MW-31B-March 2012	Sample	0.028	3/22/12 9:10		50		1		1	0.051936343	0.051936343
	12C0620-05	MW-46D-March 2012	Sample	0.012	3/22/12 9:10		50		1		1	0.026340066	0.026340066
	12C0620-06	MW-46C-March 2012	Sample	0.014	3/22/12 9:10		50		1		1	0.0295396	0.0295396
	B048395-BLK1	-	Blank	0.010	3/22/12 9:10		50		1		1	0.023140531	0.023140531
	B048395-BS1	-	LCS	0.261	3/22/12 9:10		50		1		1	0.42468214	0.42468214
	B048395-BSD1	-	LCS Dup	0.269	3/22/12 9:10		50		1		1	0.437480271	0.437480271
	B048395-CCV1	-	Calibration Check	0.196	3/22/12 9:10		50		1		1	0.320697248	0.320697248
	B048395-DUP1	12C0620-06	Duplicate	0.013	3/22/12 9:10		50		1		1	0.027939834	0.027939834
	B048395-MS1	12C0620-06	Matrix Spike	0.197	3/22/12 9:10		50		1		1	0.322297007	0.322297007

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048508

Con-Test Analytical Laboratory

rinted: 3/26/2012 8:05:31AM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP ab dil

mg/L (No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0566-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.060	1X		.394
12C0572-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.006	1X	Ecology & Environment	.027
12C0572-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.057	5X	Ecology & Environment	(.373)(5)= 1.865
12C0572-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.007	1X	Ecology & Environment	.034
12C0572-05	Ferrous Iron by SM350	03/22/12 16:00	50	50			.012	1X	Ecology & Environment	.068
12C0572-08	Ferrous Iron by SM350	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-02	Ferrous Iron by SM350	03/22/12 16:00	50	50			.112	2X	Ecology & Environment	(.747)2 = 1.494
12C0620-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.065	5X	Ecology & Environment	(.428)5= 2.140
12C0620-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-05	Ferrous Iron by SM350	03/22/12 16:00	50	50			.099	2X	Ecology & Environment	(.658)2= 1.316
12C0620-06	Ferrous Iron by SM350	03/22/12 16:00	50	50			.108	1X	Ecology & Environment	.720
12C0657-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.010	1X		.054
12C0657-02	Ferrous Iron by SM350	03/22/12 16:00	50	50			.059	100X		(.387)(100)= 38.7
12C0657-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.022	1X		.136
12C0657-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.003	1X		.006
B048508-BLK1	QC	03/22/12 16:00	50	50			.001	1X		ϕ
B048508-BS1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	TV: 0.8	.788 98.5%
B048508-BSD1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	1	1 1
B048508-DUP1	QC	03/22/12 16:00	50	50		12C0572-03	.054	5X	~~TV= 4.0~~ SBP 3/26	(.353)5= 1.765
B048508-DUP2	QC	03/22/12 16:00	50	50		12C0657-04	1X	.002		ϕ
B048508-MS1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.174	TV= 4.0 SBP	(1.168)5= 5.840 99.4
B048508-MS2	QC	03/22/12 16:00	50	50	1203157	12C0657-04	200 1X	.122	TV= 0.4 SBP 3/26 0.8	815= 101.9%
B048508-MSD1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.170	TV: 4.0	(1.141)5= 5.705 94.0%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

B048508

Con-Test Analytical Laboratory

rinted: 3/26/2012 8:05:31AM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP ab dil

Mgl (No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0566-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.060	1X		.394
12C0572-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.006	1X	Ecology & Environment	.027
12C0572-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.057	5X	Ecology & Environment	(.373)(5)= 1.865
12C0572-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.007	1X	Ecology & Environment	.034
12C0572-05	Ferrous Iron by SM350	03/22/12 16:00	50	50			.012	1X	Ecology & Environment	.068
12C0572-08	Ferrous Iron by SM350	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-02	Ferrous Iron by SM350	03/22/12 16:00	50	50			.112	2X	Ecology & Environment	(.747)2 = 1.494
12C0620-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.065	5X	Ecology & Environment	(.428)5= 2.140
12C0620-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.002	1X	Ecology & Environment	ϕ
12C0620-05	Ferrous Iron by SM350	03/22/12 16:00	50	50			.099	2X	Ecology & Environment	(.658)2= 1.316
12C0620-06	Ferrous Iron by SM350	03/22/12 16:00	50	50			.108	1X	Ecology & Environment	.720
12C0657-01	Ferrous Iron by SM350	03/22/12 16:00	50	50			.010	1X		.054
12C0657-02	Ferrous Iron by SM350	03/22/12 16:00	50	50			.059	100X		(.387)(100)= 38.7
12C0657-03	Ferrous Iron by SM350	03/22/12 16:00	50	50			.022	1X		.136
12C0657-04	Ferrous Iron by SM350	03/22/12 16:00	50	50			.003	1X		.006
B048508-BLK1	QC	03/22/12 16:00	50	50			.001	1X		ϕ
B048508-BS1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	TV: 0.8	.788 98.5%
B048508-BSD1	QC	03/22/12 16:00	50	50	1203158		1X 200	.118	1	1 1
B048508-DUP1	QC	03/22/12 16:00	50	50		12C0572-03	.054	5X	~~TV= 4.0~~ SBP 3/26	(.353)5= 1.765
B048508-DUP2	QC	03/22/12 16:00	50	50		12C0657-04	1X	.002		ϕ
B048508-MS1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.174	TV= 4.0 SBP	(1.168)5= 5.840 99.4
B048508-MS2	QC	03/22/12 16:00	50	50	1203157	12C0657-04	200 1X	.122	TV= ~~0.4~~ 0.8 SBP	815= 101.9%
B048508-MSD1	QC	03/22/12 16:00	50	50	1203157	12C0572-03	~~1000~~ 200 5X	.170	TV = 4.0	(1.141)5= 5.705 96.0%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped DAILY

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Surfactant Method #: SM5540C Date/Analyst: 3-29-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	10mg/l	50ml	0	mg/l	.010	std 6.						
std 2.	1.0			0.2		.035	std 7.						
std 3.	5.0			1.0		.175	std 8.						
std 4.	10.0			2.0		.356	std 9.						
std 5.	15.0			3.0		.494	std 10.						
Intermediate:	20.0			4.0		.675	Intermediate:						

Stock ID#: RR2-403 Concentration: 1000mg/l Wavelength: 652 nm. Path Length: 1cm

Correlation Coefficient: 0.999358624

Expiration: 1-13-14 Diluent: DI Corresponding Analysis Page: Binder

Stock Prep (Louis. Suppliers): on Benchsheet

Comments:

prepped DAILY

Analysis: Ferrous Iron Method #: SM3500FeD Date/Analyst: 3-28-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	200mg/l	50ml	0.0	mg/l	.001	std 6.						
std 2.	.05			0.2		.031	std 7.						
std 3.	.10			0.4		.062	std 8.						
std 4.	.20			0.8		.125	std 9.						
std 5.	.30			1.2		.182	std 10.						
Intermediate:							Intermediate:						

Stock ID#: WC36-164 Concentration: 200mg/l Wavelength: 510 nm. Path Length: 1cm

Correlation Coefficient: 0.9998187

Expiration: 3-13-13 Diluent: DI Corresponding Analysis Page: Binder

Stock Prep (Louis. Suppliers):

Comments:

343

PREPARATION BENCH SHEET

B048508

Con-Test Analytical Laboratory

rinted: 3/26/2012 8:05:31AM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments

Genesys # 3
Buffer WC 36-166
Color WC 35-274
Appendaf 3430997
4115758

.122
CCV1 = .815 = 101.8%

CCV2 = .117 = .781 = 97.6%

MDL-1 .032 .204 = 102%
TVO 02 -2 .032 .204 = 102%
-3 .032 .204 = 102%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	**SBP**	**Prep Date/Time:**	3/22/12 16:00
		Analysis Date/Time:	3/22/12 16:00
Analyte:	**Ferrous Iron**	**Units:**	mg/L
Method:	**SM 3500 FE D**		

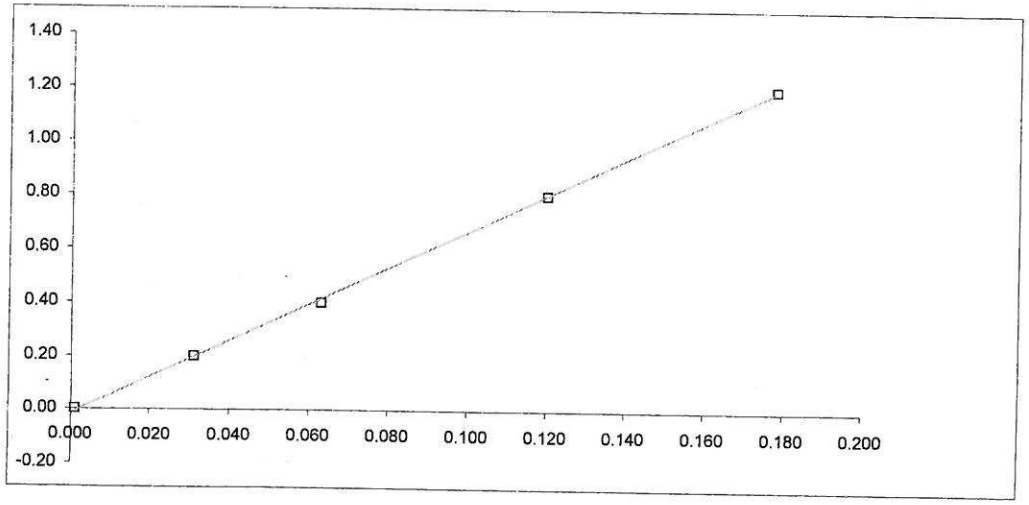
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	-0.007
0.031		0.20	0.197
0.063		0.40	0.414
0.120		0.80	0.801
0.178		1.20	

Batch ID: B048508

LINEAR EQUATION

y=a+bx

a=	0.0020345
b=	0.1472414
r=	0.9998475



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0566-01	Turnkey Solutions	Sample	0.060	3/22/12 16:00		50		1		1	0.393676788	0.393676788
	12C0572-01	MW-27-March 2012	Sample	0.006	3/22/12 16:00		50		1		1	0.026932083	0.026932083
	12C0572-03	PW-8-Ch4-March 2012	Sample	0.057	3/22/12 16:00		50		5		5	0.373302102	1.86651051
	12C0572-04	PW-8-Ch0-March-2012	Sample	0.007	3/22/12 16:00		50		1		1	0.033723652	0.033723652
	12C0572-05	PW-8-Ch0-March-2012 2	Sample	0.012	3/22/12 16:00		50		1		1	0.069039807	0.069039807
	12C0572-08	P2-14-March-2012	Sample	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	12C0620-02	MW-31D-March 2012	Sample	0.112	3/22/12 16:00		50		2		2	0.746838391	1.493676782
	12C0620-03	MW-31C-March 2012	Sample	0.065	3/22/12 16:00		50		5		5	0.427634627	2.138173103
	12C0620-04	MW-31B-March 2012	Sample	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	12C0620-05	MW-46D-March 2012	Sample	0.099	3/22/12 16:00		50		2		2	0.658547997	1.317095995
	12C0620-06	MW-46C-March 2012	Sample	0.108	3/22/12 16:00		50		1		1	0.719672143	0.719672143
	12C0657-01	RIZ-25	Sample	0.010	3/22/12 16:00		50		1		1	0.054098357	0.054098357
	12C0657-02	RIZ-43R	Sample	0.059	3/22/12 16:00		50		100		100	0.386885226	38.68852234
	12C0657-03	MW-14/RIZ-3R	Sample	0.022	3/22/12 16:00		50		1		1	0.135597184	0.135597184
	12C0657-04	RIZ-24	Sample	0.003	3/22/12 16:00		50		1		1	0.006557377	0.006557377
	B048508-BLK1	-	Blank	0.001	3/22/12 16:00		50		1		1	-0.007025761	-0.007025761
	B048508-BS1	-	LCS	0.118	3/22/12 16:00		50		1		1	0.787587821	0.787587821
	B048508-BSD1	-	LCS Dup	0.118	3/22/12 16:00		50		1		1	0.787587821	0.787587821
	B048508-DUP1	12C0572-03	Duplicate	0.054	3/22/12 16:00		50		5		5	0.352927387	1.764636993
	B048508-DUP2	12C0657-04	Duplicate	0.002	3/22/12 16:00		50		1		1	-0.000234192	-0.000234192
	B048508-MS1	12C0572-03	Matrix Spike	0.174	3/22/12 16:00		50		5		5	1.167915583	5.839578152
	B048508-MS2	12C0657-04	Matrix Spike	0.122	3/22/12 16:00		50		1		1	0.814754069	0.814754069
	B048508-MSD1	12C0572-03	Matrix Spike Dup	0.170	3/22/12 16:00		50		5		5	1.140749335	5.703746796

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048577

Con-Test Analytical Laboratory

'rinted: 3/26/2012 6:39:28PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0566-01	Sulfate by ASTM D516	03/26/12 18:20	100	100						
12C0572-01	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-03	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-04	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0572-05	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0572-08	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-02	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0620-03	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-04	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0620-05	Sulfate by ASTM D516	03/26/12 18:20	50	100					Ecology & Environment	
12C0620-06	Sulfate by ASTM D516	03/26/12 18:20	100	100					Ecology & Environment	
12C0657-01	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-02	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-03	Sulfate by ASTM D516	03/26/12 18:20	10	100						
12C0657-04	Sulfate by ASTM D516	03/26/12 18:20	10	100						
B048577-BLK1	QC	03/26/12 18:20	100	100						
B048577-BS1	QC	03/26/12 18:20	100	100	1112047		20000			
B048577-BSD1	QC	03/26/12 18:20	100	100	1112047		20000			
B048577-DUP1	QC	03/26/12 18:20	100	100		12C0620-04				
B048577-MS1	QC	03/26/12 18:20	100	100	1112048	12C0572-03	20000			
B048577-MS2	QC	03/26/12 18:20	100	100	1112048	12C0620-04	20000			
B048577-MSD1	QC	03/26/12 18:20	100	100	1112048	12C0572-03	20000			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Sulfate

Method ASTM D516-02

Spec. ID : Genesys #2 **Date :** 3/26/12 **Start time:** 5:30P **Finish time:** 6:20P **Analyst:** AOP

QC Reference (LCS) : 1112047 **T.V. =** 20.0 mg/L **Range :** 81.5 - 119%

Sample ID #	blk Abs.	Calculations / Final Results	Comments/Time
Dup & MS at 10% or ~~better~~ blk	.000	<2.0 (1.71)	
QC reference (LCS)	.190	19.15 96%	T.V.=
LFB dup	.189	19.06 95%	T.V.=
1. 12C0566-01	.027 .378	33.93	
2. 0572-01	.000 .244	24.11	
3. -03	.006 .236	22.82	
4. -04	.000 .413	39.62	
5. -05 2x	.000 .147	15.20 (2x) = 30.4	
6. -08	.000 .208	26.31	
7. 0620-02 2x	.000 .208	20.80 (2x) = 41.6	
8. -03	.007 .409	38.61	
9. -04	.000 .224	22.27	
10. -05 2x	.000 .249	21.81 (2x) = 43.62	
11. 0572-03 MS	.402	38.61 79%	TV = 20.
12. ↓ MSD	.410	39.35 83%	↓
CCV CCV	.200	20.07 100%	T.V. = 20.
13. CCB	.000	<2.0 1.71	
14. 12C0620-06	.000 .294	28.70	
15. 0657-01 10x	.000 .128	13.46 (10x) = 134.6	
16. -02 10x	.000 .046	5.93 (10x) = 59.3	
17. -03 10x	.000 .046	5.93 (10x) = 59.3	
18. -04 10x	.000 .094	10.34 (10x) = 103.4	
19. 0620-04 dup	.000 .232	23.00	
20. ↓ MS	.396	38.06 79%	TV = 20.
21. CCV	.204	20.43 102%	TV = 20.
22. CCB	.000	<2.0 1.71	
23. MDL	.095	10.43 104%	
24. MDL	.090	9.97 100%	TV = 10
CCV MDL	.091	10.06 100%	T.V.=

See next page for standard/curve worksheet

Sulfate

Method ASTM D516-02

Spec. ID : Genesys #2 **Date/Analyst :** 3/26/12 ADO

Standard	mls of Stock	Stock Conc.	Final Vol.	Std. Conc.	units	Absorbance
Std. 1	0	100 mg/L	100 mL	0	mg/L	.000
Std. 2	2			2		.010
Std. 3	5			5		.027
Std. 4	10			10		.090
	20			20		.199
	30			30		.315
	40			40		.413

Correlation Coefficient : .9992918445 **Wavelength :** 420 nm

Stock ID : 1112048 **Path Length :** 1 cm

Stock Expiration : 12/8/12 **Comments:**

Stock Concentration : 100 mg/L

Diluent : DI

Reagents: Color – Con-Test Lot # : WC35-239

PREPARATION BENCH SHEET

B048564

Con-Test Analytical Laboratory

'rinted: 3/27/2012 2:00:13PM

Matrix: Water

Prepared using: WET CHEMISTRY - SM 4500 NO3-F

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0620-05	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0657-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0572-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0572-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-05	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0572-08	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0625-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0620-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0620-03	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0657-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0598-06	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
B048564-BSD1	QC	03/26/12 11:35	25	25	1201157		1			
12C0600-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
12C0601-02	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
B048564-DUP1	QC	03/26/12 11:35	25	25		12C0601-02				
B048564-MS1	QC	03/26/12 11:35	25	25	1203161	12C0572-03	1000			
B048564-MS2	QC	03/26/12 11:35	25	25	1203161	12C0601-02	1000			
B048564-MSD1	QC	03/26/12 11:35	25	25	1203161	12C0572-03	1000			
12C0620-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	
12C0620-06	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25					Ecology & Environment	

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

B048564

Con-Test Analytical Laboratory

'rinted: 3/27/2012 2:00:13PM

Matrix: Water

Prepared using: WET CHEMISTRY - SM 4500 NO3-F

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0601-04	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						
B048564-BLK1	QC	03/26/12 11:35	25	25					Inc	
B048564-BS1	QC	03/26/12 11:35	25	25	1201157		1			
12C0596-01	Nitrate-Nitrogen (NO3)	03/26/12 11:35	25	25						

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

p. 1 of 2
NO_3/NO_2 3-26-12/VAK
Lachat 10-107-04-01-A
2.12 p.21

Creator : Lachat Instruments
Creation Date : 6/22/2011 12:32:36 PM
Last Modified : 6/22/2011 12:32:53 PM
Description :

11:35 AM

Cup	Sample ID	MDF	Weight	Sample Type	Comments
S1	Cal Std 1			Calibration Standard	
S1	Cal Std 2			Calibration Standard	
S1	Cal Std 3			Calibration Standard	# Corr 0.99999
S1	Cal Std 4			Calibration Standard	
S1	Cal Std 5			Calibration Standard	
S2	Cal Std 6			Calibration Standard	
S3	LCS = 3.71 MG/L			Check Standard	3.70 (100%) ✓
S4	ICV NO3 = 4.0 MG/L			Check Standard	4.07 (102%) ✓
S5	ICV NO2 = 4.0 MG/L			Check Standard	4.13 (103%) ✓
S3	LCS DUP = 3.71 MG/L			Check Standard	3.69 (99%) ✓
1	12C0572-01			Unknown	6.31 ✓
2	12C0572-03			Unknown	3.13 ✓
3	12C0572-03 MS=4.0 MG/L			Unknown	7.03 mg/L (98%) ✓
4	12C0572-03 MSD=4.0 MG/L			Unknown	7.03 mg/L (98%) ✓
5	12C0572-04			Unknown	2.63 ✓
6	BLANK (method)			Unknown	Ø ✓
7	12C0572-05			Unknown	2.57 ✓
8	12C0572-08			Unknown	3.92 ✓
9	12C0596-01			Unknown	[0.858 − .253] = 0.605 ✓
10	12C0598-06			Unknown	[1.07 − .065] = 1.005 ✓
S1	CCV = 5.0 MG/L			Check Standard	4.94 mg/L (99%) ✓
11	12C0600-04			Unknown	Ø ✓
12	BLANK			Unknown	Ø ✓
13	12C0601-02			Unknown	0.373 ✓
14	12C0601-02 DUP			Unknown	0.384 ✓
15	12C0601-02 MS=4.0 MG/L			Unknown	4.46 mg/L (102%) ✓
16	12C0601-04			Unknown	Ø ✓
17	12C0620-02			Unknown	0.00767 ✓
18	BLANK			Unknown	Ø ✓
19	12C0620-03			Unknown	[0.125 − .010] = 0.115 ✓
20	12C0620-04			Unknown	VK 3/26/12 Ø. 3.48 ✓
S1	CCV = 5.0 MG/L			Check Standard	5.07 mg/L (101%) ✓
21	12C0620-05			Unknown	0.348 ✓
22	12C0620-06			Unknown	[6.27 − .022] = 6.25 ✓
23	12C0625-01			Unknown	[4.42 − .175] = 4.24 ✓
24	BLANK			Unknown	Ø ✓
25	12C0657-01			Unknown	2.24 ✓
26	12C0657-02			Unknown	Ø ✓
27	12C0657-03			Unknown	0.0543 ✓
28	12C0657-04			Unknown	3.80 ✓

S1	CCV = 5.0 MG/L			Check Standard	4.91	mg/L	98%

Analyte Table

	NOX
	(mg/L)
Cal Std 1	10.0
Cal Std 6	0.00

Author: Lachat Instruments

Date : 3/26/2012

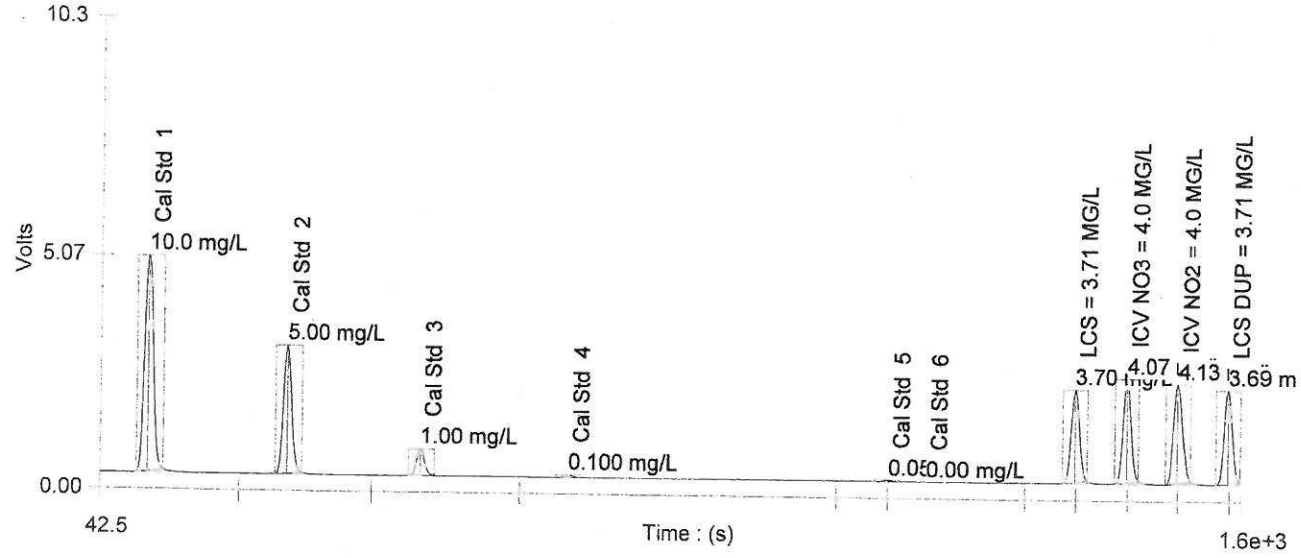
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Original Run Author's Signature: [Lachat Instruments]
Current Run Filename: OM_3-26-2012_10-22-51AM.OMN Last Modified: 3/26/2012 11:35:17 AM
Current Run Author's Signature: [Lachat Instruments]
Description: LACHAT 10-107-04-1-A

Sample	Rep.	Cup No.	Channel 1 NOX Conc. (mg/L)	Area (V.s)	Height (V)	ADF
Cal Std 1	1	S1	10.0	64.5	4.67	
Cal Std 2	1	S1	5.00	35.6	2.77	2.00
Cal Std 3	1	S1	1.00	7.14	0.578	10.00
Cal Std 4	1	S1	0.100	0.734	0.0583	100.00
Cal Std 5	1	S1	0.0500	0.415	0.0291	200.00
Cal Std 6	1	S2	0.00	-4.31e-3	-1.76e-3	
DQM Test: Minimum Correlation Coefficient						
		Result:	0.99999 > 0.99700			
		Message	PASS			
		Action	Continue			
LCS = 3.71 MG/L	1	S3	3.70	26.4	2.02	
		Known Conc:	3.71			
		Calibration:	Table/Fig. : 1			
ICV NO3 = 4.0 MG/L	1	S4	4.07	28.9	2.26	
		Known Conc:	4.00			
ICV NO2 = 4.0 MG/L	1	S5	4.13	29.3	2.15	
		Known Conc:	4.00			
LCS DUP = 3.71 MG/L	1	S3	3.69	26.4	2.04	
		Known Conc:	3.71			
12C0572-01	1	1	6.31	43.2	3.51	
12C0572-03	1	2	3.13	22.6	1.97	
12C0572-03 MS=4.0 MG/L	1	3	7.03	47.6	3.91	
12C0572-03 MSD=4.0 MG/L	1	4	7.03	47.5	3.90	
12C0572-04	1	5	2.63	19.2	1.64	
BLANK	1	6	-0.0404	-0.314	-8.95e-3	
12C0572-05	1	7	2.57	18.7	1.61	
12C0572-08	1	8	3.92	28.0	2.41	
12C0596-01	1	9	0.858	6.48	0.568	
12C0598-06	1	10	1.07	8.05	0.699	
CCV = 5.0 MG/L	1	S1	4.94	34.6	2.75	2.00
		Known Conc:	5.00			
12C0600-04	1	11	-0.392	-3.05	-0.0806	
BLANK	1	12	-0.0174	-0.137	-5.79e-3	
12C0601-02	1	13	0.373	2.85	0.241	
12C0601-02 DUP	1	14	0.384	2.93	0.262	
12C0601-02 MS=4.0 MG/L	1	15	4.46	31.5	2.72	
12C0601-04	1	16	-0.116	-0.900	-0.0236	
12C0620-02	1	17	7.67e-3	0.0563	4.57e-3	
BLANK	1	18	-5.20e-3	-0.0429	-1.53e-3	
12C0620-03	1	19	0.125	0.961	0.0836	
12C0620-04	1	20	3.48	25.0	2.17	
CCV = 5.0 MG/L	1	S1	5.07	35.4	2.76	2.00
		Known Conc:	5.00			
12C0620-05	1	21	0.348	2.66	0.234	
12C0620-06	1	22	6.27	42.9	3.57	
12C0625-01	1	23	4.42	31.2	2.63	
BLANK	1	24	-0.262	-2.03	-0.0489	
12C0657-01	1	25	2.24	16.5	1.29	
12C0657-02	1	26	-0.112	-0.871	-0.0215	
12C0657-03	1	27	0.0543	0.415	0.0332	
12C0657-04	1	28	3.80	27.1	2.22	
CCV = 5.0 MG/L	1	S1	4.91	34.4	2.57	2.00
		Known Conc:	5.00			

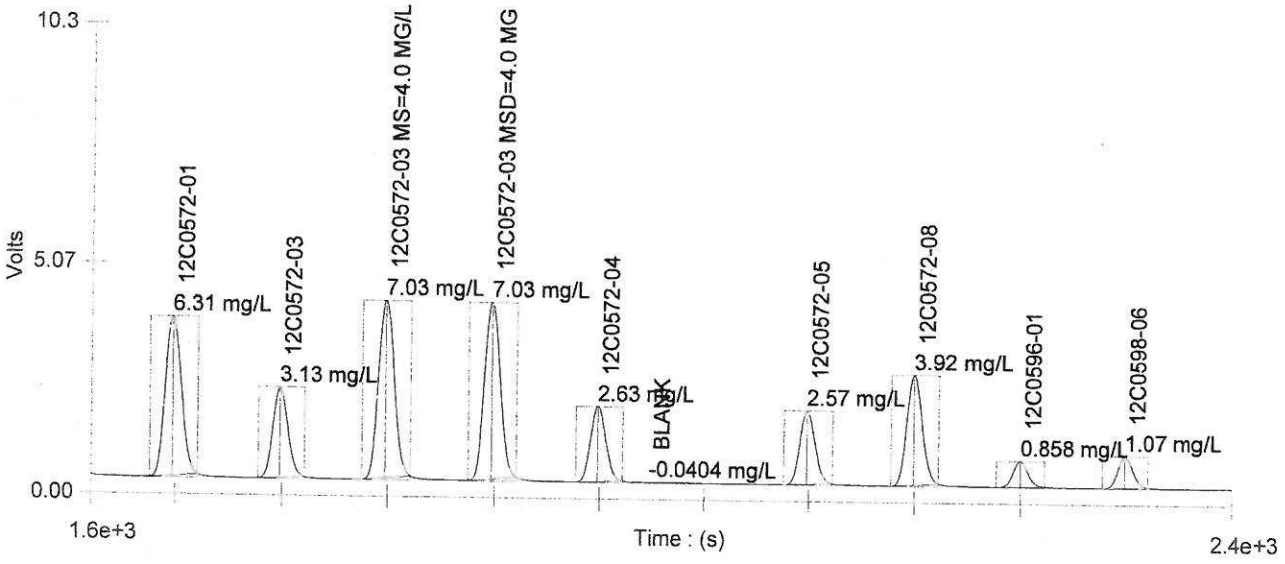
Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 1 / 5



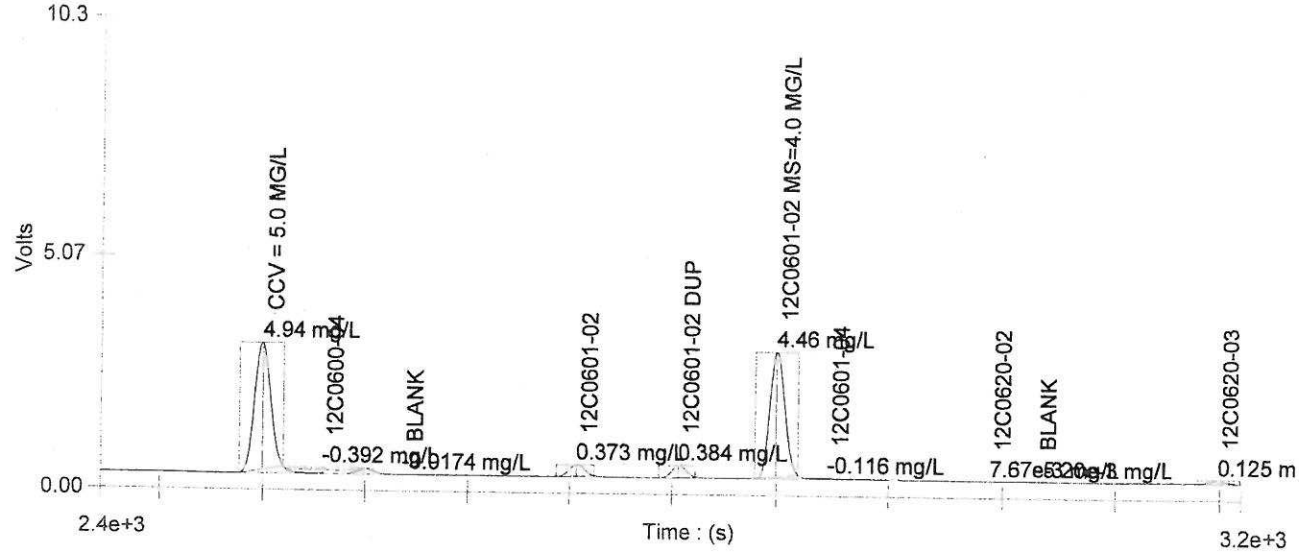
Channel 1 (NO3-NO2) - Set: 2 / 5



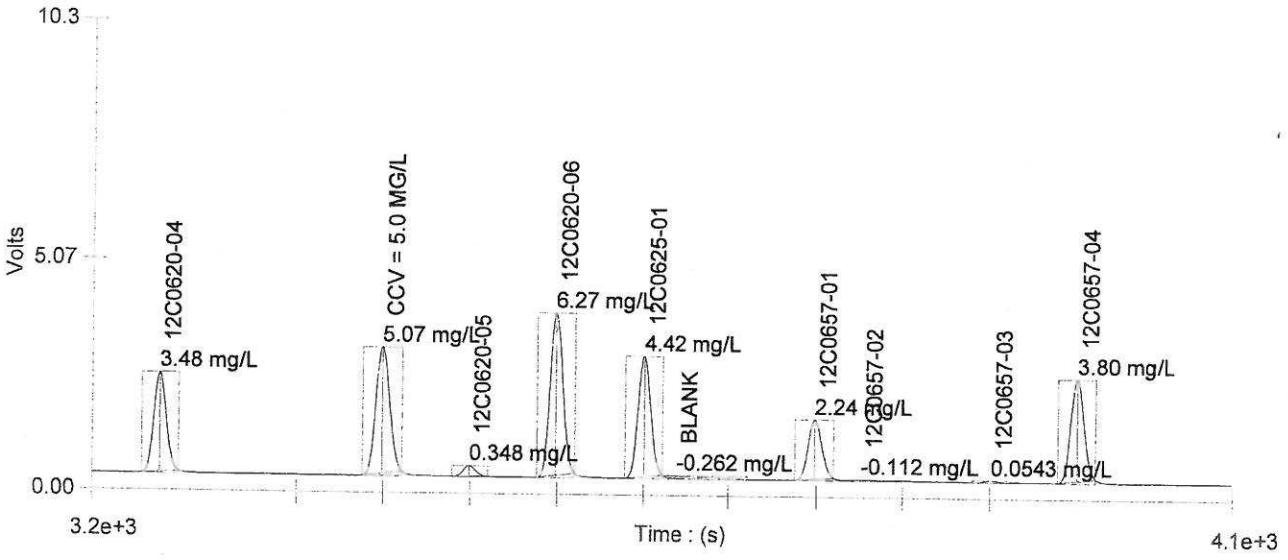
Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 3 / 5



Channel 1 (NO3-NO2) - Set: 4 / 5



Author: Lachat Instruments

Date : 3/26/2012

Channel 1 (NO3-NO2) - Set: 5 / 5

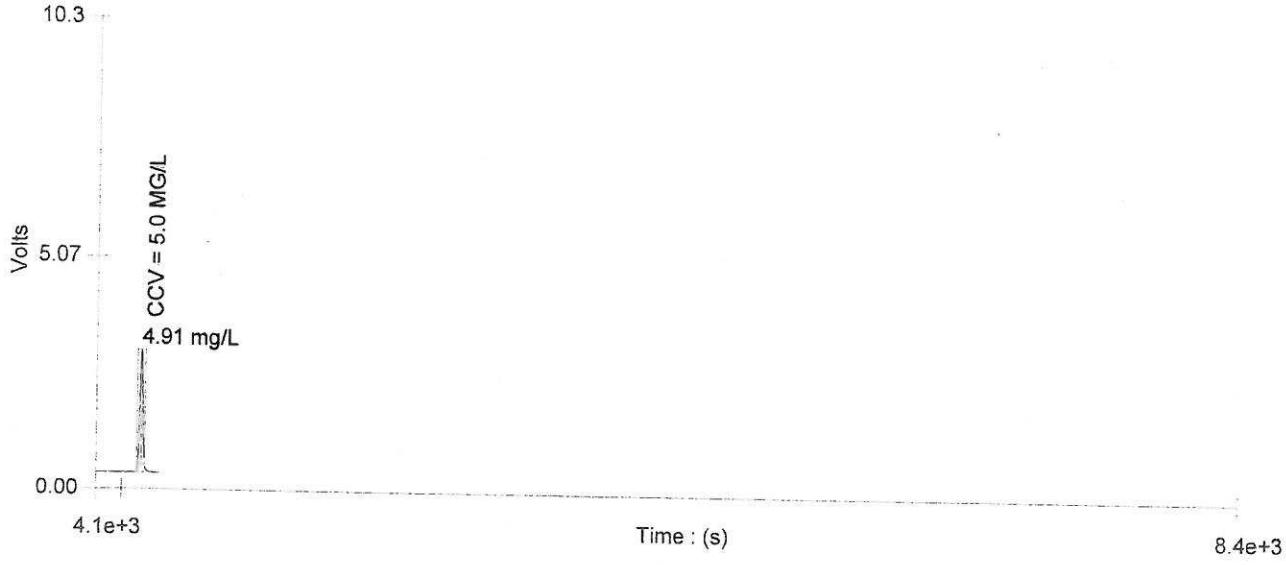
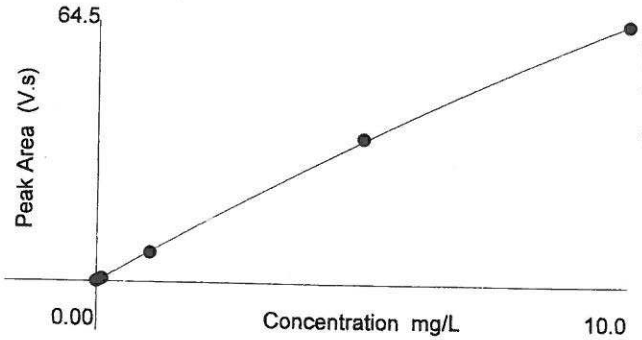


Table : 1 (NOX)

	Known Conc. (mg/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg/L)	Detection Date	Detection Time
1	10.0	1	64.5	4.67	0.0	0.4	9.94	3/26/2012	10:23:36 AM
2	5.00	1	35.6	2.77	0.0	-1.6	5.11	3/26/2012	10:26:46 AM
3	1.00	1	7.14	0.578	0.0	4.3	0.946	3/26/2012	10:29:50 AM
4	0.100	1	0.734	0.0583	0.0	3.4	0.0958	3/26/2012	10:33:14 AM
5	0.0500	1	0.415	0.0291	0.0	-8.6	0.0543	3/26/2012	10:40:32 AM
6	0.00	1	-4.31e-3	-1.76e-3			-1.94e-4	3/26/2012	10:41:42 AM

Figure : 1 (NOX)



Area = - 0.109 * Conc^2 + 7.56 * Conc + 4.21e-3
Conc = 3.80e-4 * Area^2 + 0.130 * Area + 3.66e-4
Correlation Coefficient (r) = 0.99999

Weighting : 1/x

359

PREPARATION BENCH SHEET

B048633

Con-Test Analytical Laboratory

rinted: 3/27/2012 12:25:10PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0572-01	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-03	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-04	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-05	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0572-08	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-02	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-03	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-04	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
12C0620-05	Total Organic Carbon	03/23/12 08:17	50	50					Ecology & Environment	
B048633-BLK1	QC	03/23/12 08:17	50	50						
B048633-BS1	QC	03/23/12 08:17	50	50	1109184		5000			
B048633-BSD1	QC	03/23/12 08:17	50	50	1109184		5000			
B048633-MS1	QC	03/23/12 08:17	50	50	1202035	12C0572-03	2500			
B048633-MSD1	QC	03/23/12 08:17	50	50	1202035	12C0572-03	2500			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: TOC Method #: _____ Date/Analyst: 3/27/12

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	100	50	mg/L	0		std 6.						
std 2.	.5	1	50	1	1		std 7.						
std 3.	10	1	100	1	10		std 8.						
std 4.	1	1	50	1	20		std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID# WC36-232 Concentration: 1000mg/L Wavelength: ____ nm. Path Length: ____

Correlation Coefficient: 1.0

Expiration: 9/22/12 Diluent: D.I Corresponding Analysis Page: ____

Stock Prep (Louis. Suppliers):

Comments:

Analysis: _____ Method #: _____ Date/Analyst: _____

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID# Concentration: Wavelength: ____ nm. Path Length: ____

Correlation Coefficient: _____

Expiration: Diluent: Corresponding Analysis Page: ____

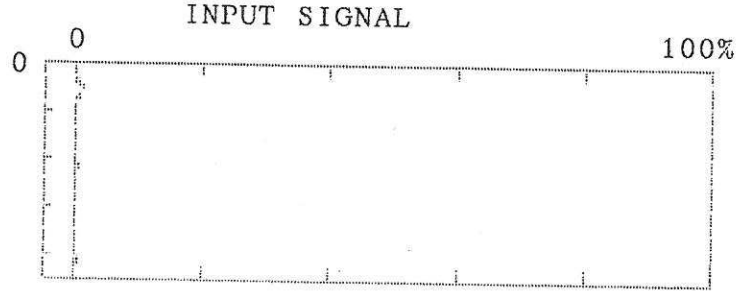
Stock Prep (Louis. Suppliers):

Comments:

361

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POWER OFF      03(MAR)-20-2012   14:00
POWER ON       03(MAR)-22-2012   06:40

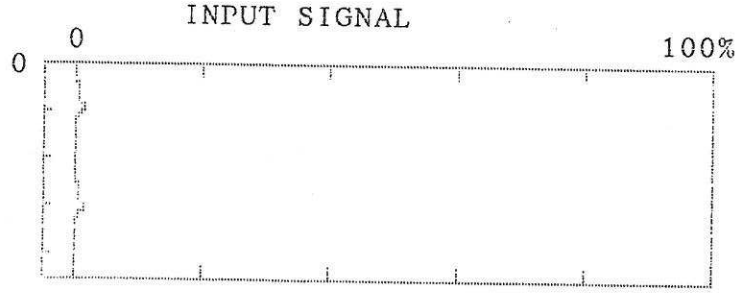
POWER OFF      03(MAR)-22-2012   07:31
POWER ON       03(MAR)-23-2012   06:43
```




```
TIME [ min ]

CAL CURVE F# 3
  1st STANDARD    TC     0.0mg/l VIAL: S1
        [x 5,  100µl, #WASH 2, SP  3min]
   #   AREA
    1-   473
    2     0
    3   224
  - - - - -
  MN    112
  SD    158
  CV    141 %

        DATE  03(MAR)-23-2012  08:17
```

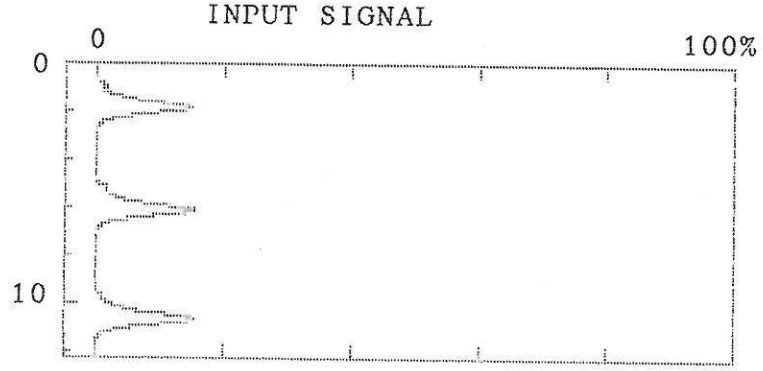



```
TIME [ min ]
```

CAL CURVE F# 3
2nd STANDARD TC 1.0mg/l VIAL: S2
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	1449
2	1525
-	-
MN	1487
SD	53
CV	3.61 %

DATE 03(MAR)-23-2012 08:29

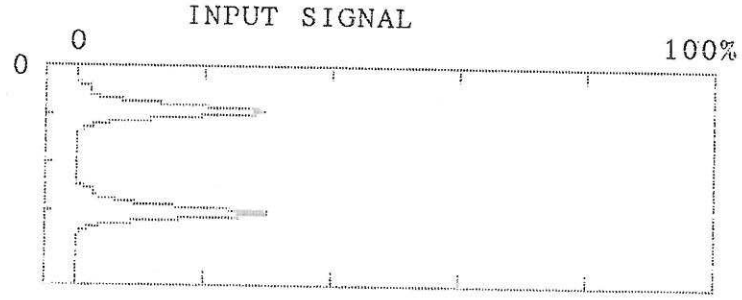


TIME [min]

CAL CURVE F# 3
3rd STANDARD TC 10.0mg/l VIAL: S3
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	-10878
2	11608
3	11523
-	-
MN	11565
SD	60
CV	0.51 %

DATE 03(MAR)-23-2012 08:47



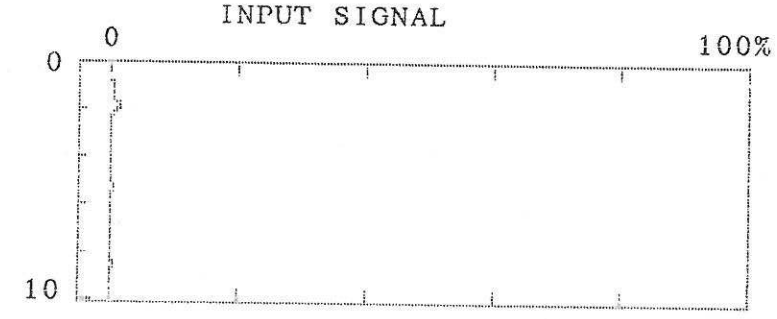
TIME [min]

CAL CURVE F# 3
4th STANDARD TC 20.0mg/l VIAL: S4
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	21383
2	21835

MN 21609
SD 319
CV 1.47 %

DATE 03(MAR)-23-2012 08:58



TIME [min]

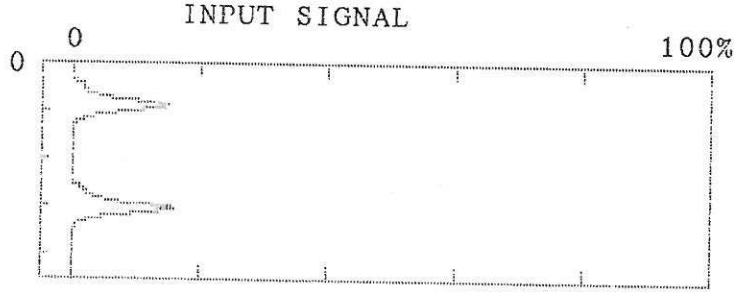
SAMPLE# 1 NPOC VIAL: 1
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	1379	0.941			
2	219	-0.13			
3	213	-0.14			
MN	216	-0.14			
SD	4	0.004			
CV	1.96 %				

COR CONC DIL -0.14 [x 1.0]
COR CONC INJ -0.14 [x 1.0]

BLK

DATE 03(MAR)-23-2012 09:13



TIME [min]

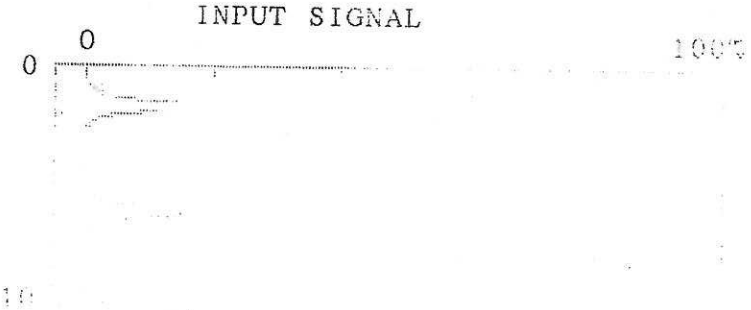
SAMPLE# 2 NPOC VIAL: 2
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	11147	10.03			
2	11459	10.32			
MN	11303	10.17			
SD	220	0.205			
CV	1.95 %				

COR CONC DIL 10.17 [x 1.0]
COR CONC INJ 10.17 [x 1.0]

LCS

DATE 03(MAR)-23-2012 09:26



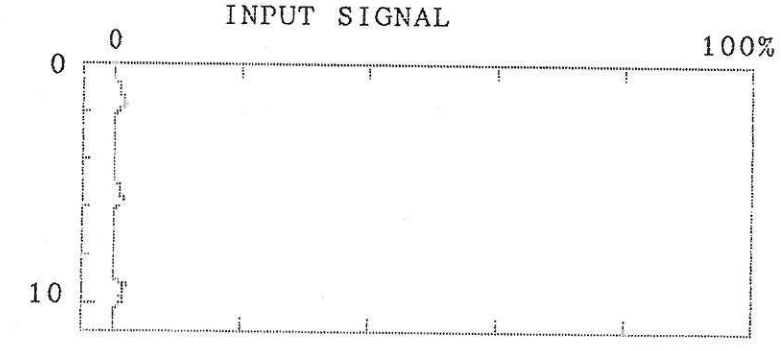
LCSdP

SAMPLE# 3 SPOC V1.4
[S: 5. 100µl. 1= : =WASH 2, SP 3min]

	Area (mV.s)	C#	µl	RG
1	11825		10.32	
2	11789		10.63	
3	11689		10.53	
MN	11739		10.58	
SD	70		0.065	

CV 0.60 %
COR CONC DIL 10.58 [x 1.0]
COR CONC INJ 10.58 [x 1.0]

DATE 03(MAR)-23-2012 09:43



SAMPLE# 4 NPOC VIAL: 4
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

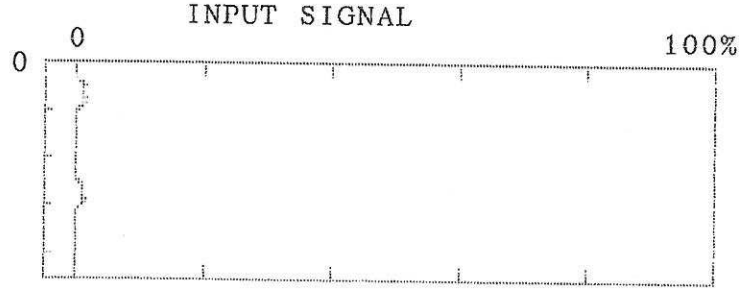
#	AREA	mg/l	C#	µl	RG
1	2052	1.568			
2-	1624	1.169			
3	1919	1.444			
MN	1985	1.506			
SD	94	0.087			
CV	4.73 %				

COR CONC DIL 1.506 [x 1.0]
COR CONC INJ 1.506 [x 1.0]

DATE 03(MAR)-23-2012 09:56

12C0572-01

INPUT SIGNAL



TIME [min]

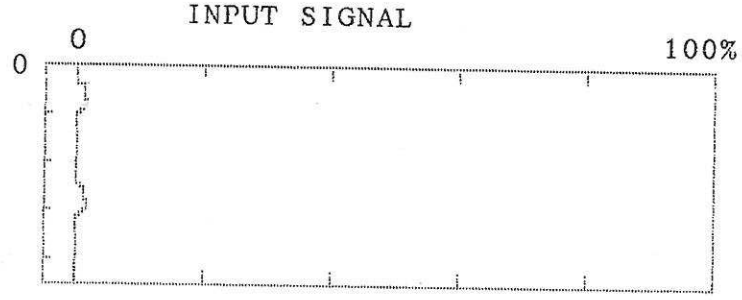
SAMPLE# 5 NPOC VIAL: 5
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1656	1.199			
2	1472	1.028			
MN	1564	1.114			
SD	130	0.121			
CV	8.31 %				

COR CONC DIL 1.114 [x 1.0]
COR CONC INJ 1.114 [x 1.0]

DATE 03(MAR)-23-2012 10:08

12C0572-03



TIME [min]

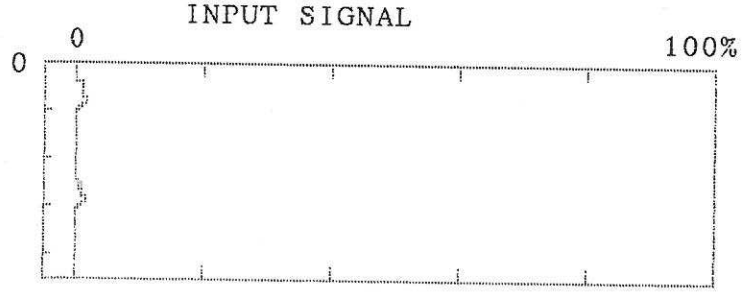
SAMPLE# 6 NPOC VIAL: 6
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1575	1.124			
2	1674	1.216			
MN	1624	1.170			
SD	70	0.065			
CV	4.30 %				

COR CONC DIL 1.170 [x 1.0]
COR CONC INJ 1.170 [x 1.0]

DATE 03(MAR)-23-2012 10:22

12C0572-04



TIME [min]

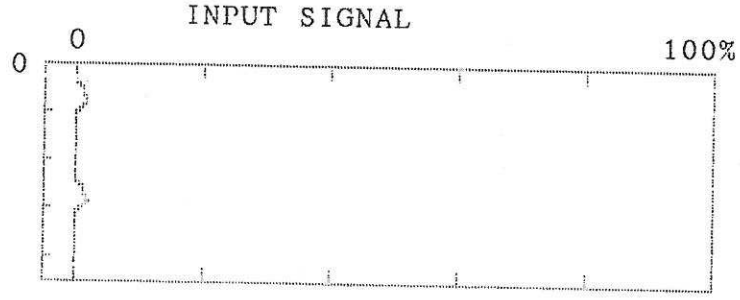
SAMPLE# 7 NPOC VIAL: 7
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1534	1.086			
2	1465	1.022			
MN	1499	1.054			
SD	48	0.045			
CV	3.25 %				

COR CONC DIL 1.054 [x 1.0]
COR CONC INJ 1.054 [x 1.0]

DATE 03(MAR)-23-2012 10:36

12C0572-05



TIME [min]

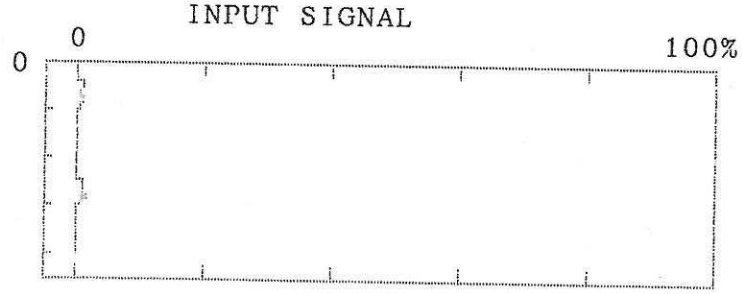
SAMPLE# 8 NPOC VIAL: 8
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1646	1.190			
2	1687	1.228			
MN	1666	1.209			
SD	28	0.027			
CV	1.73 %				

COR CONC DIL 1.209 [x 1.0]
COR CONC INJ 1.209 [x 1.0]

DATE 03(MAR)-23-2012 10:49

12C0572-08



TIME [min]

SAMPLE# 9 NPOC VIAL: 9
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

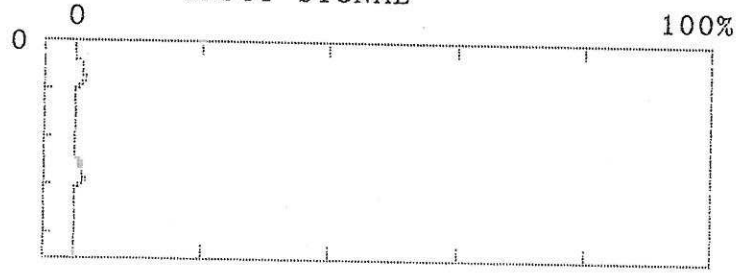
#	AREA	mg/l	C#	µl	RG
1	1272	0.842			
2	1303	0.871			
MN	1287	0.856			
SD	21	0.020			
CV	1.70 %				

COR CONC DIL 0.856 [x 1.0]
COR CONC INJ 0.856 [x 1.0]

DATE 03(MAR)-23-2012 11:03

12C0630-08

INPUT SIGNAL



TIME [min]

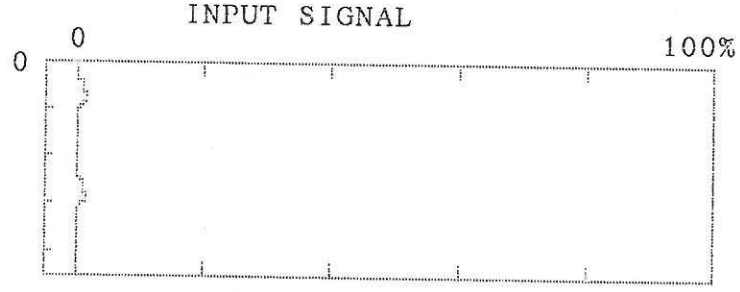
12C0620-03

SAMPLE# 10 NPOC VIAL: 10
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1533	1.085			
2	1501	1.055			
MN	1517	1.070			
SD	22	0.021			
CV	1.49 %				
COR CONC DIL		1.070 [x 1.0]			
COR CONC INJ		1.070 [x 1.0]			

DATE 03(MAR)-23-2012 11:17

INPUT SIGNAL



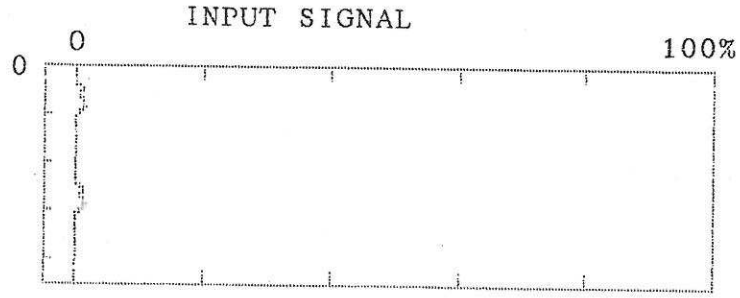
TIME [min]

12C0620-04

SAMPLE# 11 NPOC VIAL: 11
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1729	1.267			
2	1640	1.184			
MN	1684	1.226			
SD	62	0.058			
CV	3.73 %				
COR CONC DIL		1.226 [x 1.0]			
COR CONC INJ		1.226 [x 1.0]			

DATE 03(MAR)-23-2012 11:31



TIME [min]

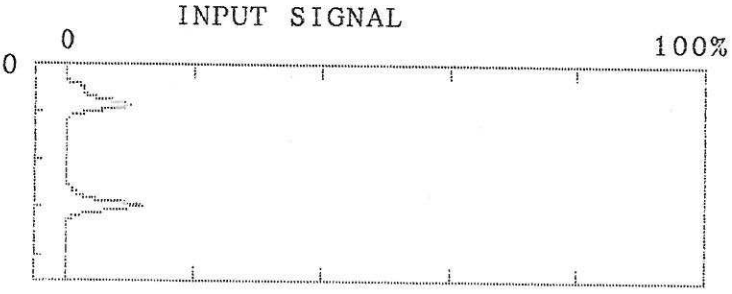
SAMPLE# 12 NPOC VIAL: 12
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1393	0.954			
2	1356	0.920			
MN	1374	0.937			
SD	26	0.024			
CV	1.90 %				

COR CONC DIL 0.937 [x 1.0]
COR CONC INJ 0.937 [x 1.0]

DATE 03(MAR)-23-2012 11:45

12C0620-05



TIME [min]

SAMPLE# 13 NPOC VIAL: 13
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

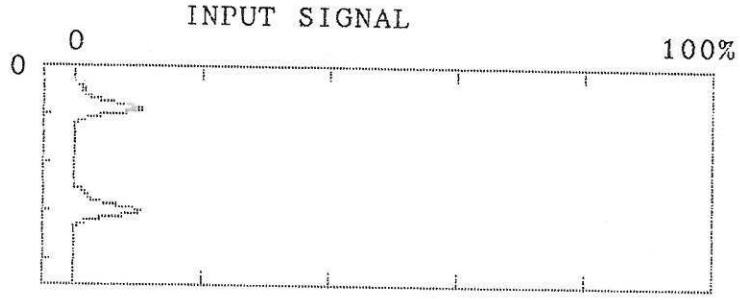
#	AREA	mg/l	C#	µl	RG
1	7308	6.460			
2	7428	6.572			
MN	7368	6.516			
SD	84	0.079			
CV	1.15 %				

COR CONC DIL 6.516 [x 1.0]
COR CONC INJ 6.516 [x 1.0]

DATE 03(MAR)-23-2012 11:59

MS 12C0527-03

108.0%



TIME [min]

SAMPLE# 14 NPOC VIAL: 14
[x 5, 100µl, C# 3, #WASH 2, SP 3min]

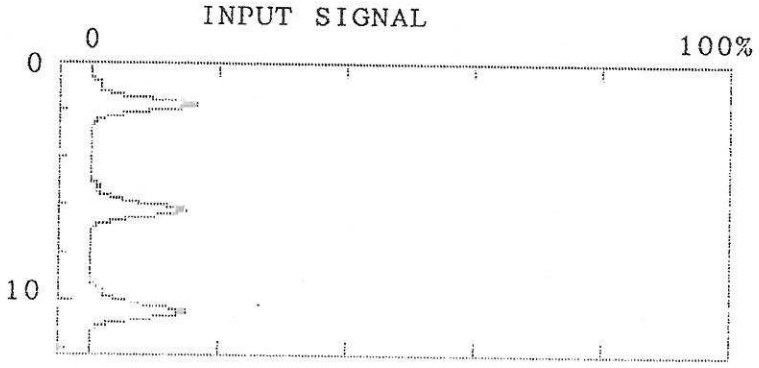
#	AREA	mg/l	C#	µl	RG
1	7560	6.695			
2	7624	6.754			
MN	7592	6.724			
SD	45	0.042			
CV	0.59 %				

COR CONC DIL 6.724 [x 1.0]
COR CONC INJ 6.724 [x 1.0]

DATE 03(MAR)-23-2012 12:13

11504 120572-03

112.2%



TIME [min]

CALIBRATION CURVE FILE LIST

F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	22663	292	1.29	02(FEB)-06-2012
5	3	2	20415	383	1.87	12(DEC)-16-2011
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	555	1.95	11(NOV)-15-2011
8	3	2	30381	802	2.64	11(NOV)-22-2011
9	3	2	27943	35	0.12	11(NOV)-23-2011
10	3	2	29288	561	1.91	12(DEC)-01-2011
11	3	2	30677	306	0.99	12(DEC)-05-2011
12	3	2	29457	740	2.51	12(DEC)-07-2011
13	3	2	28594	125	0.44	12(DEC)-08-2011
14	3	2	29901	391	1.31	12(DEC)-11-2011
15	3	2	28963	231	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

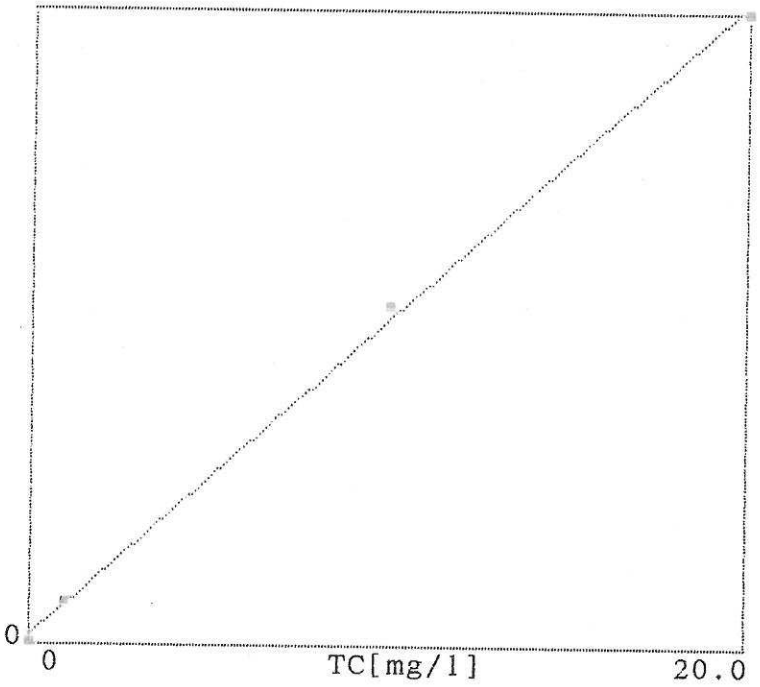
TOC-5000 DATA REPORT
DATE 03(MAR)-23-2012 12:46

SPL#	POC	RMK	NPOC,mg/l	RMK	TOC
1			-0.14	3****	
2			10.17	3****	
3			10.58	3****	
4			1.506	3****	
5			1.114	3****	
6			1.170	3****	
7			1.054	3****	

9	0.856	3****
10	1.070	3****
11	1.226	3****
12	0.937	3****
13	6.516	3****
14	6.724	3****
15	11.02	3****
16	-0.34	3****

ANALYST :
SAMPLE :

21609



CAL CURVE F# 3
TC 4-POINT
LEAST SQUARES r=0.999

[CONDITIONS]
TC CATALYST : NORMAL SENS
INJ VOL/SYRINGE SIZE: 100/2500µl
RANGE : x5
SPARGE TIME : 3min
NO OF WASHES : 2
DATE : 03(MAR)-23-2012

[DATA]

STD CONC	AREA	#INJ	SD	CV
20.0mg/l	21609	2	319	1.47%
10.0mg/l	11565	2	60	0.51%
1.0mg/l	1487	2	53	3.61%
0.0mg/l	112	2	158	141%

PREPARATION BENCH SHEET

B048634

Con-Test Analytical Laboratory

rinted: 3/27/2012 12:39:42PM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0684-38	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-05	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-06	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-07	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-08	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-11	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-18	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-25	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-28	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-34	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-35	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-01	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-37	Total Organic Carbon	03/26/12 08:17	50	50						
B048634-BSD1	QC	03/26/12 08:17	50	50	1203299		5000			
12C0684-39	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-40	Total Organic Carbon	03/26/12 08:17	50	50						
12C0684-42	Total Organic Carbon	03/26/12 08:17	50	50						
B048634-DUP1	QC	03/26/12 08:17	50	50		12C0620-06				
B048634-DUP2	QC	03/26/12 08:17	50	50		12C0684-28				
B048634-MS1	QC	03/26/12 08:17	50	50	1202035	12C0684-08	2500			
B048634-MS2	QC	03/26/12 08:17	50	50	1202035	12C0684-34	2500			
12C0684-41	Total Organic Carbon	03/26/12 08:17	50	50						
12C0620-06	Total Organic Carbon	03/26/12 08:17	50	50					Ecology & Environment	

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

PREPARATION BENCH SHEET

B048634

Con-Test Analytical Laboratory

rinted: 3/27/2012 12:39:42PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP

(No Surrogate)

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
B048634-BLK1	QC	03/26/12 08:17	50	50						
B048634-BS1	QC	03/26/12 08:17	50	50	1203299		5000			
12C0684-36	Total Organic Carbon	03/26/12 08:17	50	50						

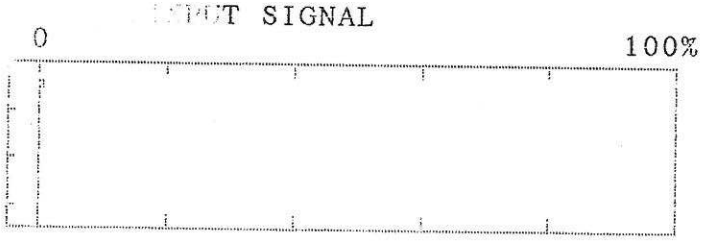
Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

-2012 18:27
)-26-2012 06:38

T SIGNAL



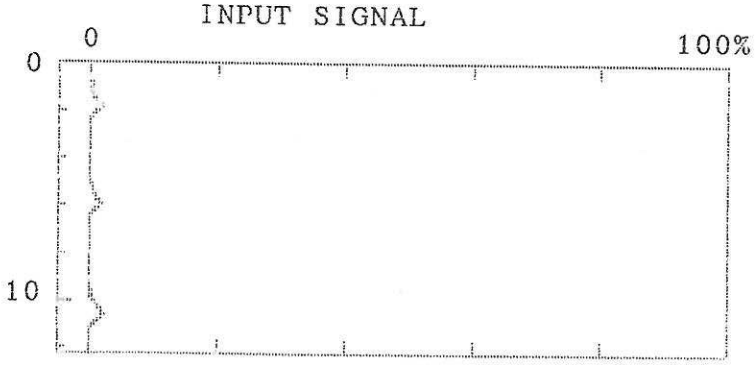
TIME [min]

CAL CURVE F# 4
1st STANDARD TC 0.0mg/l VIAL: S1
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	201
2	0
MN	100
SD	142
CV	141 %

DATE 03(MAR)-26-2012 08:17

INPUT SIGNAL

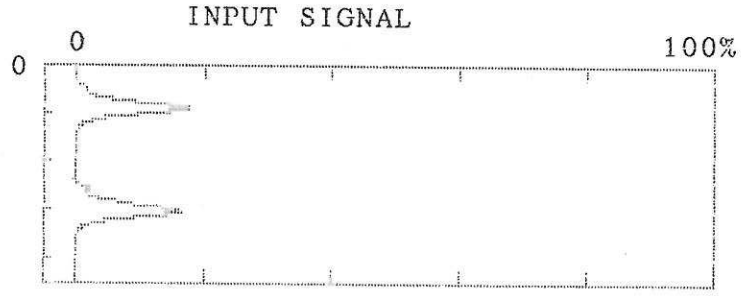


TIME [min]

CAL CURVE F# 4
2nd STANDARD TC 1.0mg/l VIAL: S2
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1-	915
2	1759
3	1802
MN	1780
SD	30
CV	1.70 %

DATE 03(MAR)-26-2012 08:34

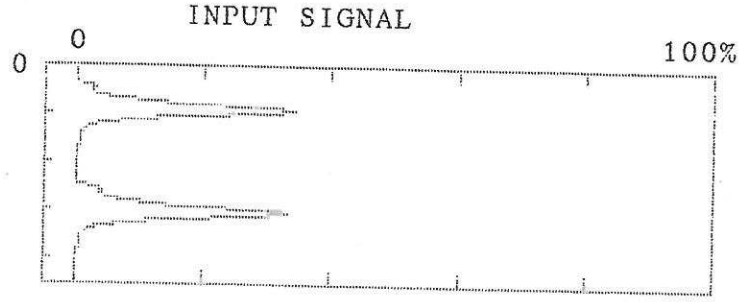


TIME [min]

CAL CURVE F# 4
3rd STANDARD TC 10.0mg/l VIAL: S3
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	12729
2	12708
MN	12718
SD	14
CV	0.11 %

DATE 03(MAR)-26-2012 08:45



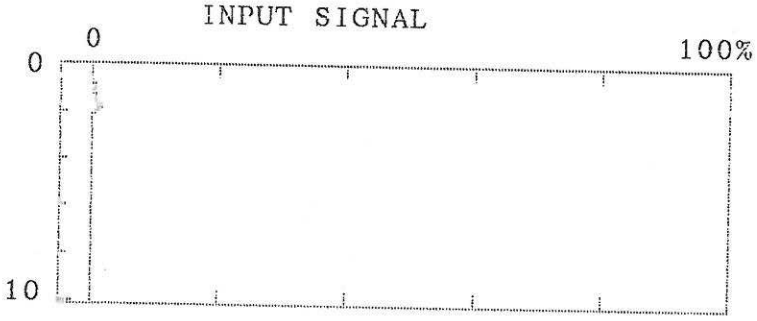
TIME [min]

CAL CURVE F# 4
4th STANDARD TC 20.0mg/l VIAL: S4
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	25326
2	25062

MN 25194
SD 186
CV 0.74 %

DATE 03(MAR)-26-2012 08:59



TIME [min]

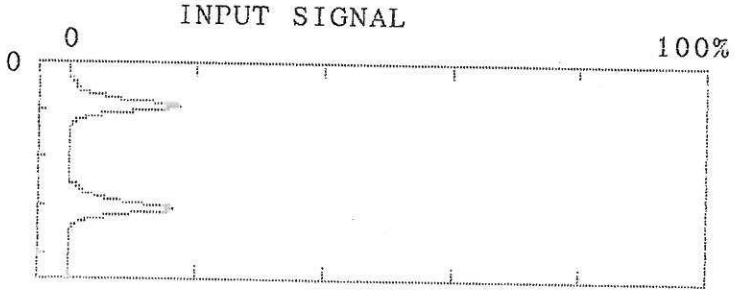
SAMPLE# 1 NPOC VIAL: 1
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	1149	0.679			
2	0	-0.24			
3	0	-0.24			
MN	0	-0.24			
SD	0	0.000			

CV 0.00 %
COR CONC DIL -0.24 [x 1.0]
COR CONC INJ -0.24 [x 1.0]

BLK

DATE 03(MAR)-26-2012 09:15



TIME [min]

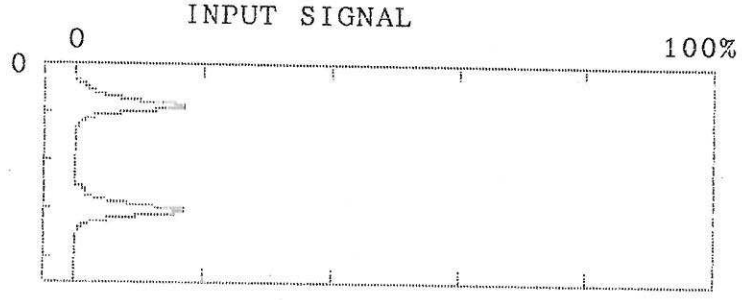
SAMPLE# 2 NPOC VIAL: 2
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	12571	9.857			
2	12779	10.02			
MN	12675	9.940			
SD	147	0.118			

CV 1.16 %
COR CONC DIL 9.940 [x 1.0]
COR CONC INJ 9.940 [x 1.0]

LCS

DATE 03(MAR)-26-2012 09:27



TIME [min]

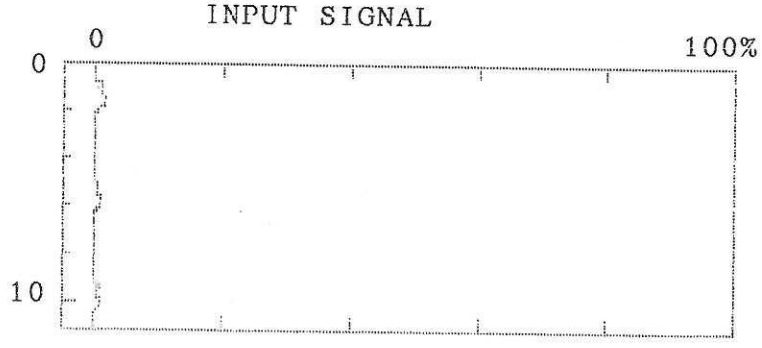
SAMPLE# 3 NPOC VIAL: 3
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	12563	9.850			
2	12264	9.610			
MN	12413	9.730			
SD	211	0.169			
CV	1.70 %				

COR CONC DIL 9.730 [x 1.0]
COR CONC INJ 9.730 [x 1.0]

DATE 03(MAR)-26-2012 09:41

LCS dup



TIME [min]

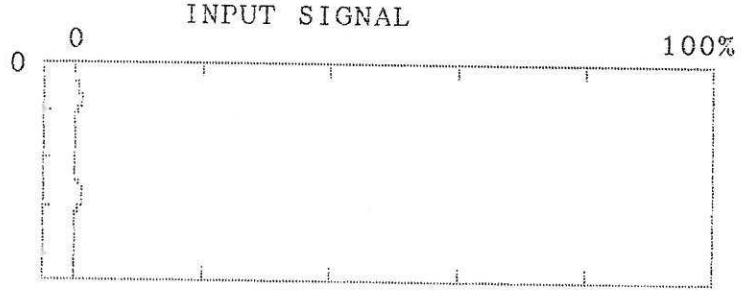
SAMPLE# 4 NPOC VIAL: 4
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	1660	1.090			
2	1278	0.783			
3	1273	0.779			
MN	1275	0.781			
SD	3	0.002			
CV	0.27 %				

COR CONC DIL 0.781 [x 1.0]
COR CONC INJ 0.781 [x 1.0]

DATE 03(MAR)-26-2012 09:58

120620-06



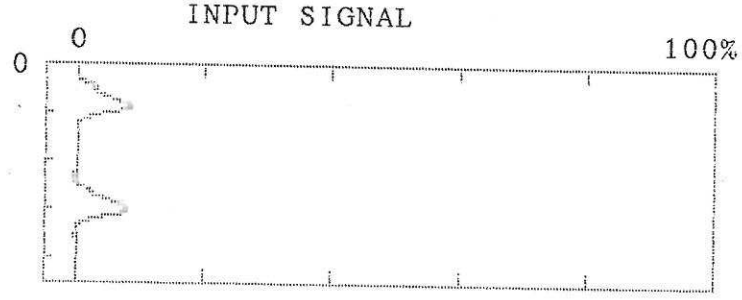
SAMPLE# 5 NPOC VIAL: 5
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1295	0.797			
2	1331	0.826			
MN	1313	0.811			
SD	25	0.020			
CV	1.93 %				

COR CONC DIL 0.811 [x 1.0]
COR CONC INJ 0.811 [x 1.0]

DATE 03(MAR)-26-2012 10:10

dp 120620-06



TIME [min]

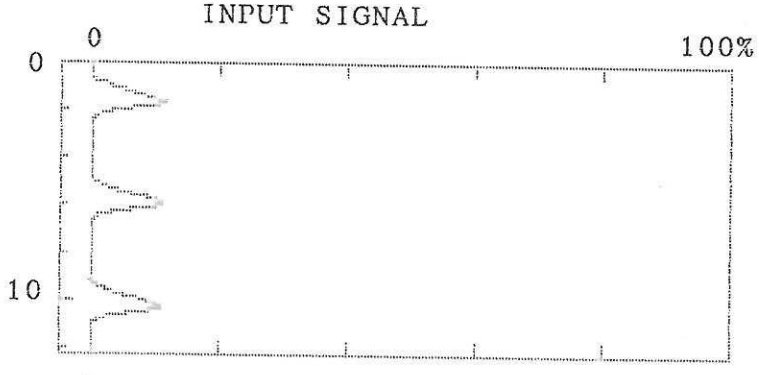
SAMPLE# 6 NPOC VIAL: 6
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	8102	6.266			
2	7836	6.052			
MN	7969	6.159			
SD	188	0.151			
CV	2.36 %				

COR CONC DIL 6.159 [x 1.0]
COR CONC INJ 6.159 [x 1.0]

DATE 03(MAR)-26-2012 10:24

1200684-01

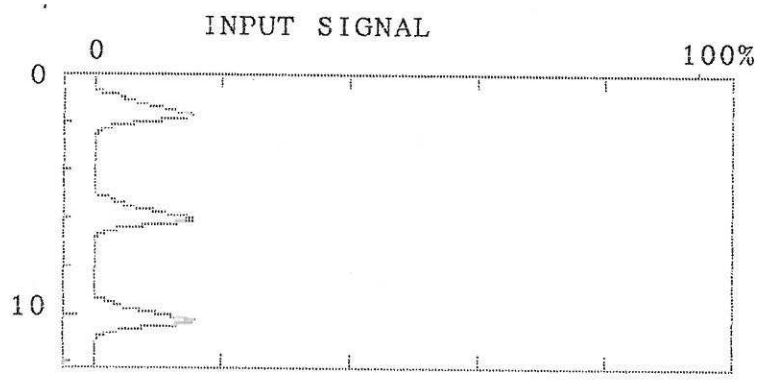


TIME [min]

```
SAMPLE#    7 NPOC  VIAL:  7
 [x 5,  100µl, C#  4, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1 10074  7.851
    2- 9453  7.352
    3  9824  7.650
   - - - - - - - - - - - - - - -
   MN  9949  7.750
   SD   176  0.142
   CV  1.77 %
   COR CONC DIL  7.750 [x 1.0]
   COR CONC INJ  7.750 [x 1.0]

        DATE  03(MAR)-26-2012  10:41
```

12C0684-05

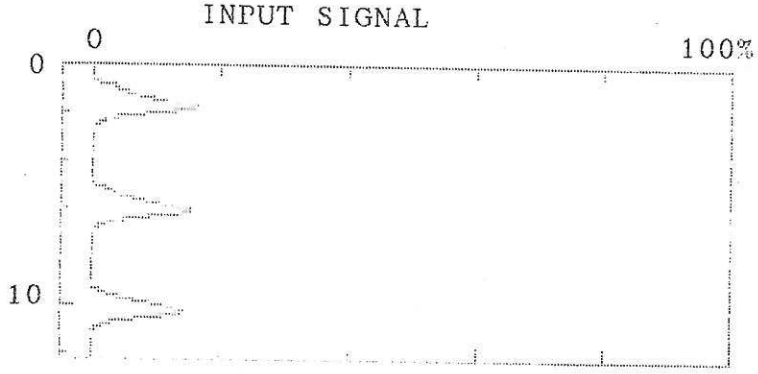


TIME [min]

```
SAMPLE#    8 NPOC  VIAL:  8
 [x 5,  100µl, C#  4, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1-14288  11.23
    2 13440  10.55
    3 13720  10.78
   - - - - - - - - - - - - - - -
   MN 13580  10.66
   SD   197  0.159
   CV  1.45 %
   COR CONC DIL  10.66 [x 1.0]
   COR CONC INJ  10.66 [x 1.0]

        DATE  03(MAR)-26-2012  10:55
```

12C0684-06
X2



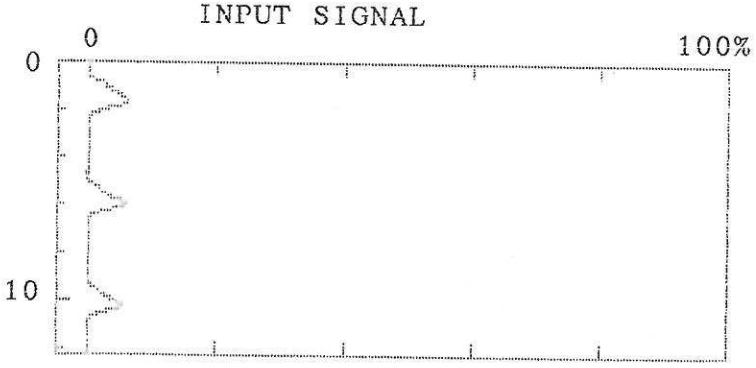
TIME [min]

SAMPLE# 9 NPOC VIAL: 9
[x 5. 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	14796	11.64			
2	13902	10.92			
3	-12409	9.727			
MN	14349	11.28			
SD	632	0.508			
CV	4.40 %				

COR CONC DIL 11.28 [x 1.0]
COR CONC INJ 11.28 [x 1.0]

DATE 03(MAR)-26-2012 11:10



TIME [min]

12C 0684-07

X2

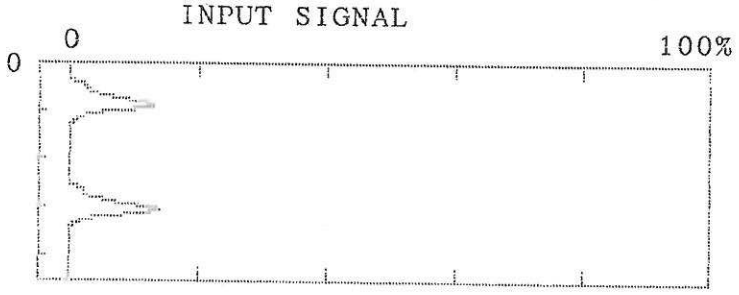
SAMPLE# 10 NPOC VIAL: 10
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	6180	4.722			
2	5105	3.858			
3	4436	3.320			
MN	4770	3.589			
SD	473	0.380			
CV	9.91 %				

COR CONC DIL 3.589 [x 1.0]
COR CONC INJ 3.589 [x 1.0]

DATE 03(MAR)-26-2012 11:24

12C0684-08



TIME [min]

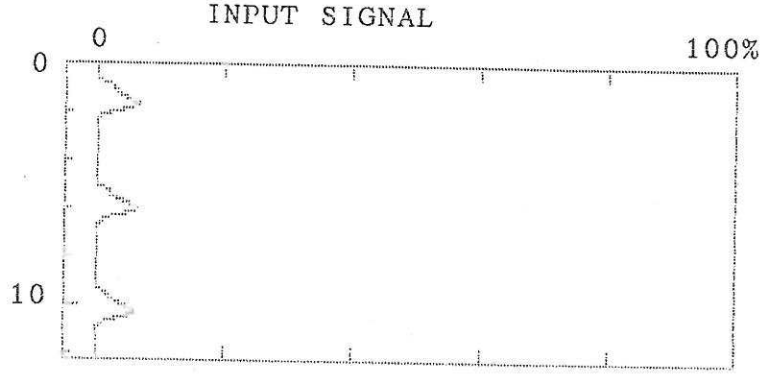
MS
12C0684-08

SAMPLE# 11 NPOC VIAL: 11
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	10302	8.034			
2	10513	8.203			
MN	10407	8.118			
SD	149	0.119			
CV	1.43 %				

COR CONC DIL 8.118 [x 1.0]
COR CONC INJ 8.118 [x 1.0]

DATE 03(MAR)-26-2012 11:35

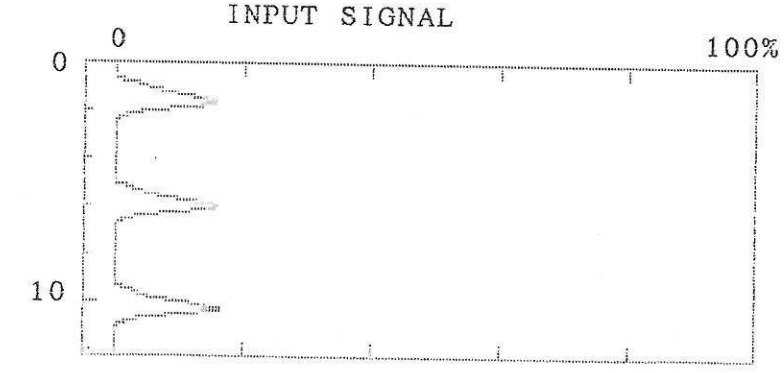


TIME [min]

SAMPLE# 12 NPOC VIAL: 12
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	6084	4.645			
2	5672	4.314			
3	5487	4.165			
MN	5579	4.239			
SD	130	0.105			
CV	2.34 %				
COR CONC DIL		4.239 [x 1.0]			
COR CONC INJ		4.239 [x 1.0]			

DATE 03(MAR)-26-2012 11:52



TIME [min]

12C) 0684-11

5

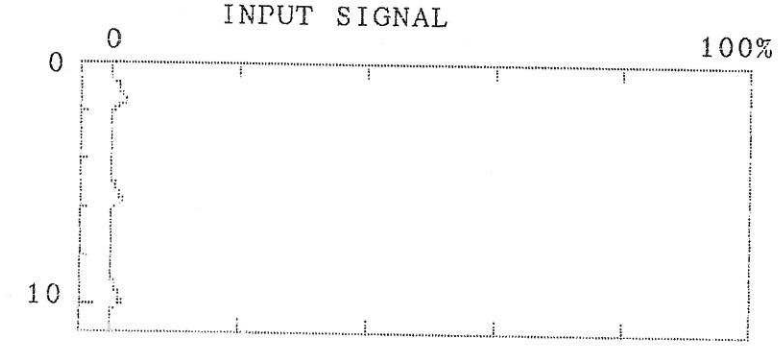
SAMPLE# 13 NPOC VIAL: 13
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	13973	10.98			
2	13449	10.56			
3	13175	10.34			
MN	13312	10.45			
SD	193	0.155			
CV	1.45 %				

COR CONC DIL 10.45 [x 1.0]
COR CONC INJ 10.45 [x 1.0]

DATE 03(MAR)-26-2012 12:07

120684-18



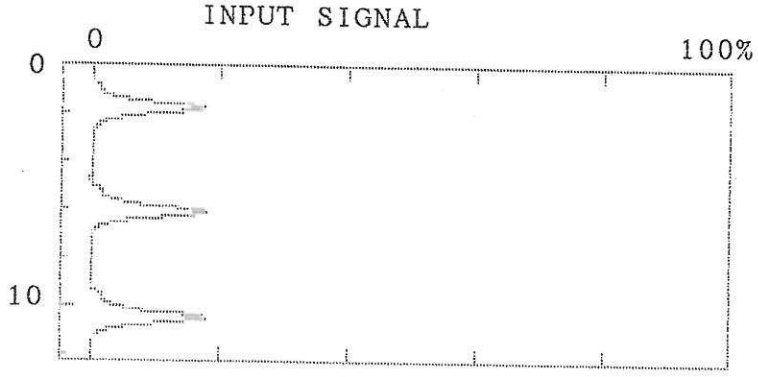
SAMPLE# 14 NPOC VIAL: 14
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	2016	1.376			
2	1395	0.877			
3	1404	0.884			
MN	1399	0.881			
SD	6	0.005			
CV	0.45 %				

COR CONC DIL 0.881 [x 1.0]
COR CONC INJ 0.881 [x 1.0]

DATE 03(MAR)-26-2012 12:20

120684-25



ICV/CCV

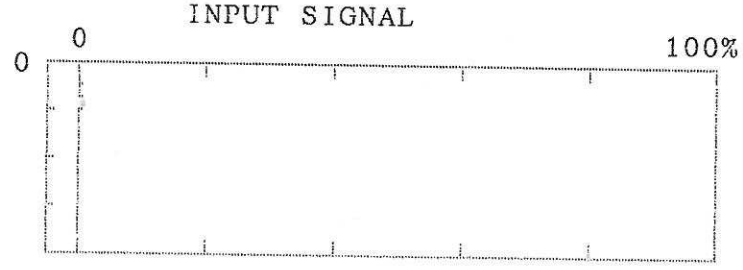
TIME [min]

SAMPLE# 15 NPOC VIAL: 15
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	12027	9.420			
2	12800	10.04			
3	12942	10.15			
MN	12871	10.09			
SD	100	0.080			

CV 0.78 %
COR CONC DIL 10.09 [x 1.0]
COR CONC INJ 10.09 [x 1.0]

DATE 03(MAR)-26-2012 12:36



TIME [min]

SAMPLE# 16 NPOC VIAL: 16
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	0	-0.24			
2	0	-0.24			
MN	0	-0.24			
SD	0	0.000			

CV 0.00 %
COR CONC DIL -0.24 [x 1.0]
COR CONC INJ -0.24 [x 1.0]

DATE 03(MAR)-26-2012 12:45

CALIBRATION CURVE FILE LIST

F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

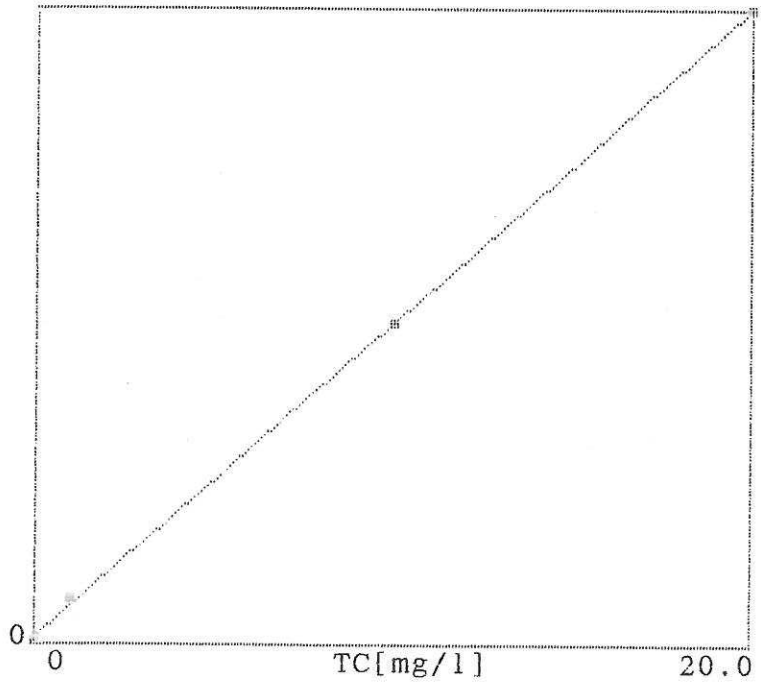
F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	25194	186	0.74	03(MAR)-26-2012
5	3	2	20415	383	1.87	12(DEC)-16-2011
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	555	1.95	11(NOV)-15-2011
8	3	2	30381	802	2.64	11(NOV)-22-2011
9	3	2	27943	35	0.12	11(NOV)-23-2011
10	3	2	29288	561	1.91	12(DEC)-01-2011
11	3	2	30677	306	0.99	12(DEC)-05-2011
12	3	2	29457	740	2.51	12(DEC)-07-2011
13	3	2	28594	125	0.44	12(DEC)-08-2011
14	3	2	29901	391	1.31	12(DEC)-11-2011
15	3	2	28963	231	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

TOC-5000 DATA REPORT
DATE 03(MAR)-26-2012 12:49

SPL#	POC	RMK	NPOC,mg/l	RMK	TOC
1			-0.24	4****	
2			9.940	4****	
3			9.730	4****	
4			0.781	4****	
5			0.811	4****	
6			6.159	4****	
7			7.750	4****	
8			10.66	4****	
9			11.28	4****	
10			3.589	4****	
11			8.118	4****	
12			4.239	4****	
13			10.45	4****	
14			0.881	4****	
15			10.09	4****	
16			-0.24	4****	

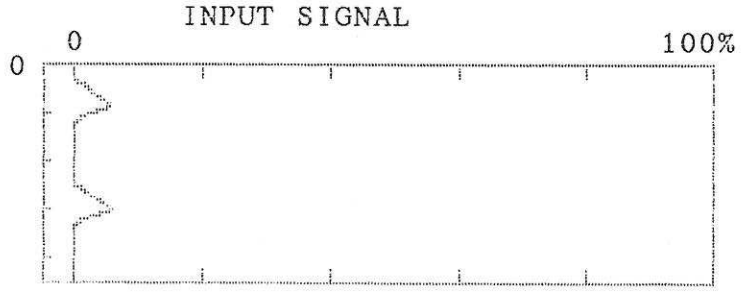
ANALYST :
SAMPLE :

25194



```
CAL CURVE F# 4
 TC 4-POINT
 LEAST SQUARES r=1.000

 [CONDITIONS]
   TC CATALYST           : NORMAL SENS
   INJ VOL/SYRINGE SIZE: 100/2500µl
   RANGE                 : x5
   SPARGE TIME           : 3min
   NO OF WASHES          : 2
   DATE                  : 03(MAR)-26-2012
 [DATA]
   STD CONC    AREA #INJ   SD     CV
    20.0mg/l 25194   2    186 0.74%
    10.0mg/l 12718   2     14 0.11%
     1.0mg/l  1780   2     30 1.70%
     0.0mg/l   100   2    142  141%
```



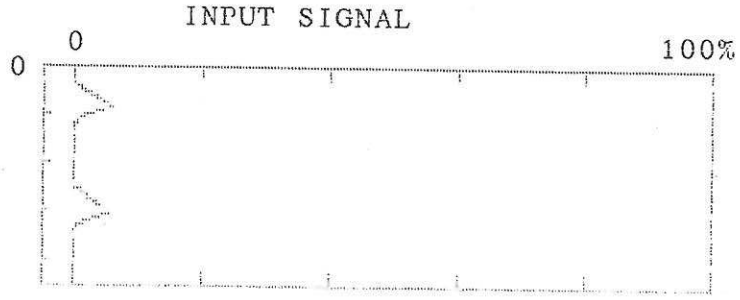

```
TIME [ min ]

SAMPLE#    1 NPOC  VIAL:  1
 [x 5,  100µl, C#  4, #WASH 2, SP  3min]
    #  AREA mg/l     C#  µl RG
    1  5210  3.942
    2  5434  4.122
   - - - - - - - - - - - - - - -
   MN  5322  4.032
   SD   158  0.127
   CV  2.97 %
   COR CONC DIL  4.032 [x 1.0]
   COR CONC INJ  4.032 [x 1.0]

        DATE  03(MAR)-26-2012  13:07
```

12C 0684-28

X50



TIME [min]

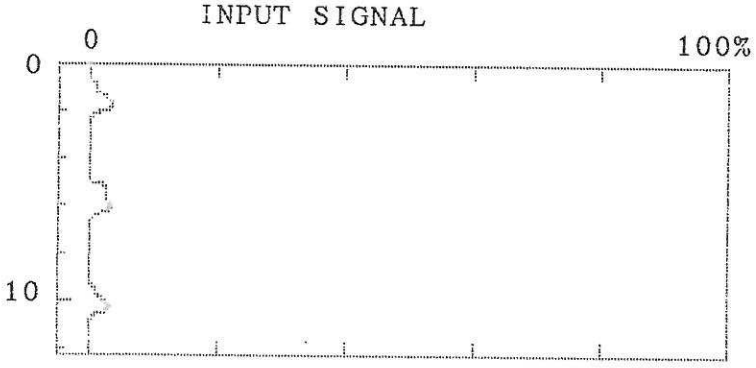
SAMPLE# 2 NPOC VIAL: 2
[x 5. 100µl. C# 4. #WASH 2. SP 3min]

#	AREA	mg/l	C#	µl	RG
1	5377	4.077			
2	5373	4.073			
MN	5375	4.075			
SD	2	0.002			

CV 0.05 %
COR CONC DIL 4.075 [x 1.0]
COR CONC INJ 4.075 [x 1.0]

DATE 03(MAR)-26-2012 13:21

dp
12C-0684-28
XR 30
3/26/12



TIME [min]

SAMPLE# 3 NPOC VIAL: 3
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

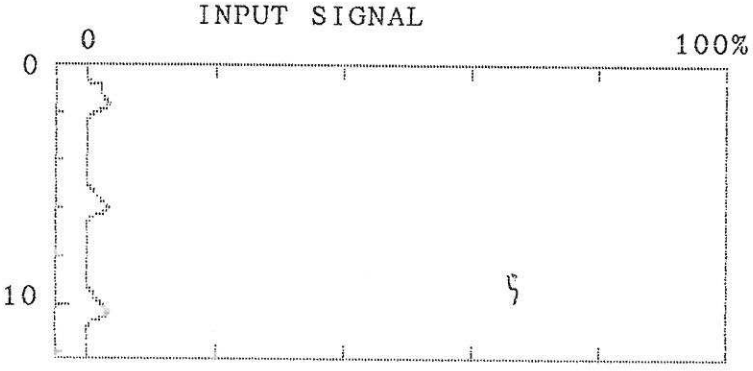
#	AREA	mg/l	C#	µl	RG
1	3578	2.631			
2	4142	3.084			
3-	2953	2.129			
MN	3860	2.858			
SD	398	0.320			
CV	10.3 %				

COR CONC DIL 2.858 [x 1.0]
COR CONC INJ 2.858 [x 1.0]

DATE 03(MAR)-26-2012 13:38

12C0684-34

INPUT SIGNAL



TIME [min]

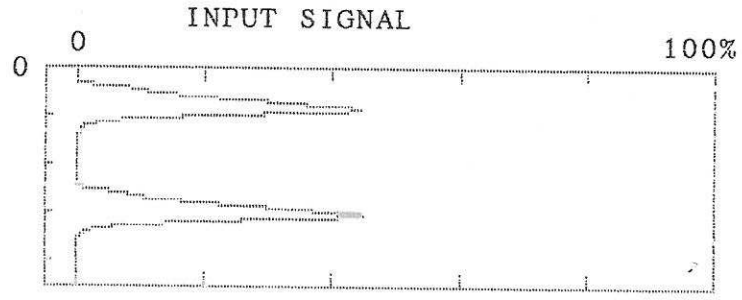
SAMPLE# 4 NPOC VIAL: 4
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	3682	2.715			
2	3143	2.282			
3	3234	2.355			
MN	3188	2.318			
SD	64	0.051			
CV	2.01 %				

COR CONC DIL 2.318 [x 1.0]
COR CONC INJ 2.318 [x 1.0]

DATE 03(MAR)-26-2012 13:52

12C0684-35



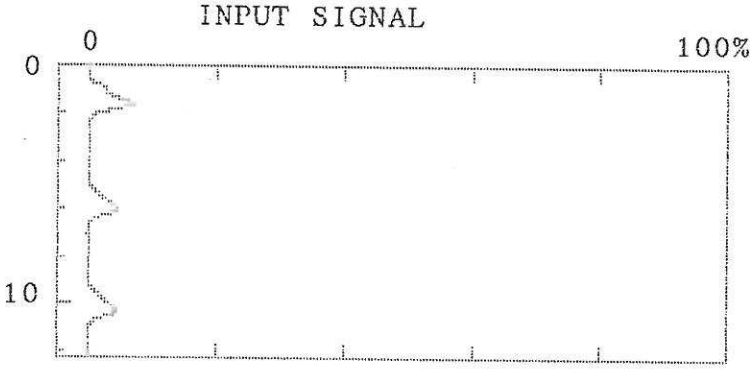
TIME [min]

SAMPLE# 5 NPOC VIAL: 5
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	38849	30.97			
2	38566	30.74			
MN	38707	30.85			
SD	200	0.160			
CV	0.51 %				
COR CONC DIL		30.85 [x 1.0]			
COR CONC INJ		30.85 [x 1.0]			

DATE 03(MAR)-26-2012 14:04

1206684-36
Needs 2X

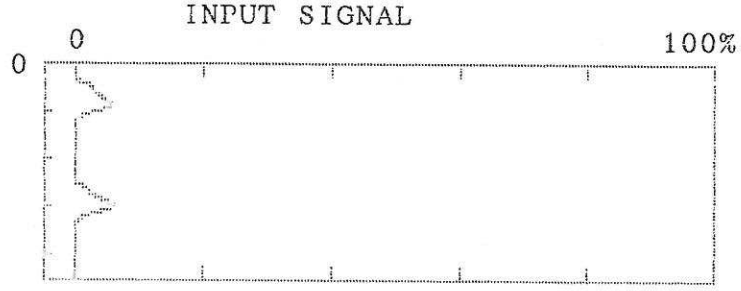


TIME [min]

```
SAMPLE#    6 NPOC   VIAL:   6
 [x 5,   100µl, C#   4, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1-  5835  4.445
    2   4223  3.149
    3   4106  3.055
   - - - - - - - - - - - - - - -
   MN   4164  3.102
   SD     82  0.066
   CV   1.98 %
   COR CONC DIL   3.102 [x 1.0]
   COR CONC INJ   3.102 [x 1.0]

        DATE   03(MAR)-26-2012   14:21
```

12C0684-37

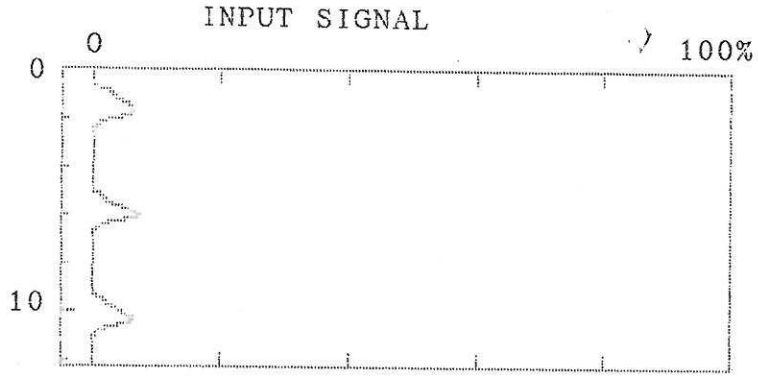


TIME [min]

```
SAMPLE#    7 NPOC   VIAL:   7
 [x 5,   100µl, C#   4, #WASH 2, SP   3min]
    #   AREA mg/l      C#   µl RG
    1   5711  4.345
    2   5484  4.163
   - - - - - - - - - - - - - - -
   MN   5597  4.254
   SD    160  0.129
   CV   2.86 %
   COR CONC DIL   4.254 [x 1.0]
   COR CONC INJ   4.254 [x 1.0]

        DATE   03(MAR)-26-2012   14:32
```

12C0684-38



TIME [min]

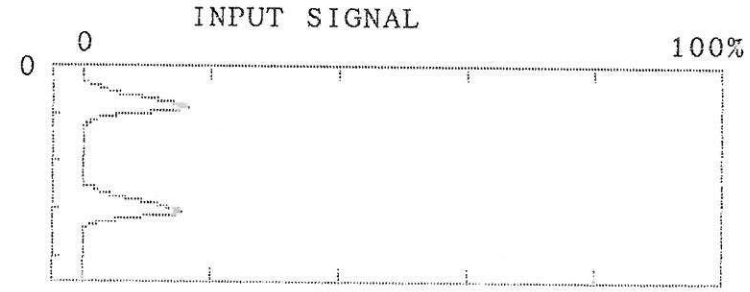
SAMPLE# 8 NPOC VIAL: 8
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

	#	AREA	mg/l	C#	µl	RG
	1-	6626	5.080			
	2	6188	4.728			
	3	5964	4.548			
MN		6076	4.638			
SD		158	0.127			
CV		2.60 %				

COR CONC DIL 4.638 [x 1.0]
COR CONC INJ 4.638 [x 1.0]

DATE 03(MAR)-26-2012 14:49

12C0484-39

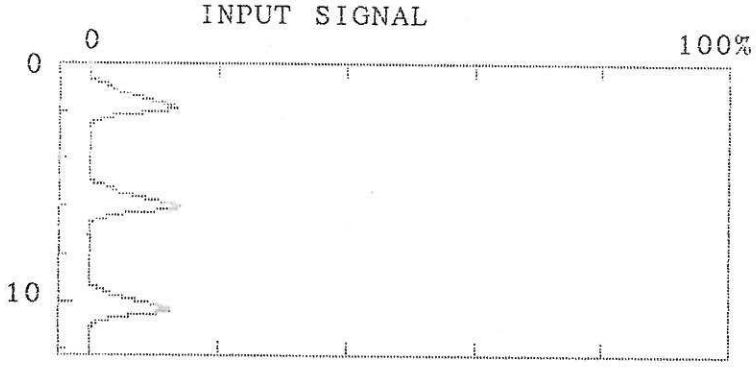


TIME [min]

```
SAMPLE#    9 NPOC   VIAL:   9
 [x 5,  100µl, C#  4, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1 14221  11.18
    2 13846  10.88
   - - - - - - - - - - - - - -
   MN 14033  11.03
   SD   265  0.213
   CV  1.88 %
   COR CONC DIL  11.03 [x 1.0]
   COR CONC INJ  11.03 [x 1.0]

        DATE  03(MAR)-26-2012  15:01
```

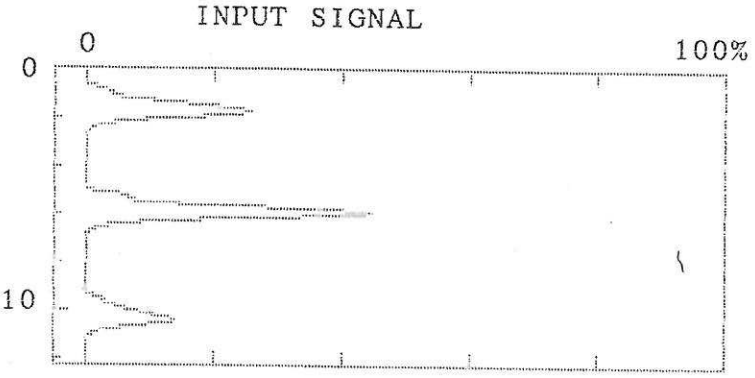
12C0684-40




```
SAMPLE#   10 NPOC   VIAL: 10
 [x 5,  100µl, C#  4, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1 12619  9.895
    2 12151  9.519
    3-10681  8.338
   - - - - - - - - - - - - - -
   MN 12385  9.707
   SD   330  0.265
   CV  2.67 %
   COR CONC DIL  9.707 [x 1.0]
   COR CONC INJ  9.707 [x 1.0]

        DATE  03(MAR)-26-2012  15:18
```

12C0684-41

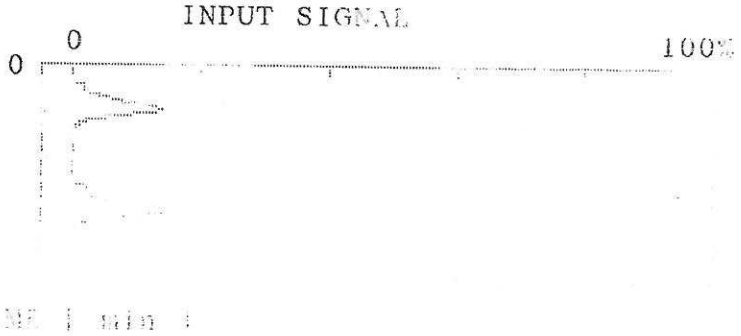


SAMPLE# 11 NPOC VIAL: 11
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	21091	16.70			
2	30926	24.60			
3	12155	9.523			
MN	16623	13.11			
SD	6318	5.077			
CV	38.0 %				
COR CONC DIL		13.11 [x 1.0]			
COR CONC INJ		13.11 [x 1.0]			

DATE 03(MAR)-26-2012 15:32

120684-43

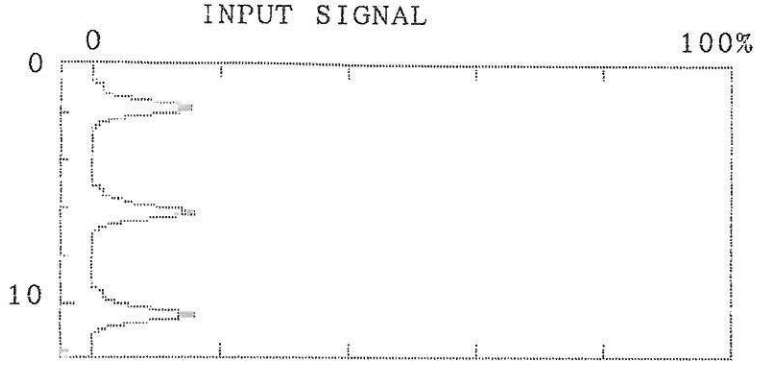


[illegible]

DATE [illegible]-26-2012 15:44

MS 1200684-34

INPUT SIGNAL



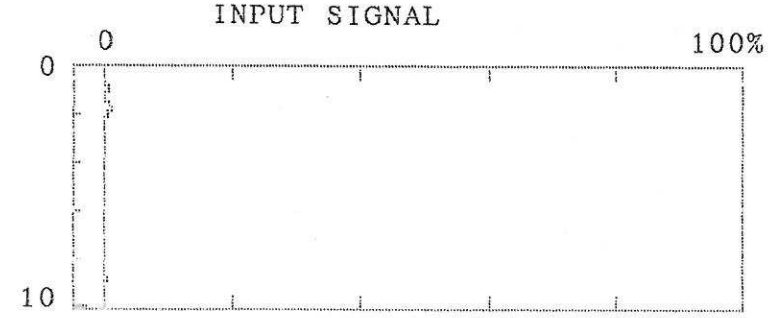
TIME [min]

SAMPLE# 13 NPOC VIAL: 13
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	12302	9.641			
2-	12914	10.13			
3	12566	9.853			
MN	12434	9.747			
SD	186	0.150			
CV	1.50 %				
COR CONC DIL		9.747 [x 1.0]			
COR CONC INJ		9.747 [x 1.0]			

DATE 03(MAR)-26-2012 16:01

~~FC~~ ICV/CCV 97.5%



TIME [min]

SAMPLE# 14 NPOC VIAL: 14
[x 5, 100µl, C# 4, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	920	0.495			
2	0	-0.24			
3	245	-0.04			
MN	122	-0.14			
SD	173	0.139			
CV	141	%			

COR CONC DIL -0.14 [x 1.0]
COR CONC INJ -0.14 [x 1.0]

DATE 03(MAR)-26-2012 16:14

CUB

CALIBRATION CURVE FILE LIST

F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	25194	186	0.74	03(MAR)-26-2012
5	3	2	20415	383	1.87	12(DEC)-16-2011
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	555	1.95	11(NOV)-15-2011
8	3	2	30381	802	2.64	11(NOV)-22-2011
9	3	2	27943	35	0.12	11(NOV)-23-2011
10	3	2	29288	561	1.91	12(DEC)-01-2011
11	3	2	30677	306	0.99	12(DEC)-05-2011
12	3	2	29457	740	2.51	12(DEC)-07-2011
13	3	2	28594	125	0.44	12(DEC)-08-2011
14	3	2	29901	391	1.31	12(DEC)-11-2011
15	3	2	28963	231	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

TOC-5000 DATA REPORT
DATE 03(MAR)-26-2012 16:17

SPL#	POC	RMK	NPOC,mg/l	RMK	TOC
1			4.032	4****	
2			4.075	4****	
3			2.858	4****	
4			2.318	4****	
5			30.85	4****	
6			3.102	4****	
7			4.254	4****	
8			4.638	4****	
9			11.03	4****	
10			9.707	4****	
11			13.11	4****	
12			8.823	4****	
13			9.747	4****	
14			-0.14	4****	

PREPARATION BENCH SHEET

B048306

Con-Test Analytical Laboratory

'rinted: 3/21/2012 2:06:47PM

Matrix: Water

Prepared using: WET CHEMISTRY - NO PREP 10 uL

ABS. **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments (mg/L)
12C0600-04	Nitrite-Nitrogen (NO2)	03/21/12 08:40	50	50				1X		.053 = .018
12C0601-01	Nitrite-Nitrogen (NO2)	03/21/12 08:40	50	50						.015
12C0601-03	Nitrite-Nitrogen (NO2)	03/21/12 08:40	50	50						.002
12C0620-02	Nitrite-Nitrogen (NO2)	03/21/12 12:00	50	50					Ecology & Environment	.002
12C0620-03	Nitrite-Nitrogen (NO2)	03/21/12 12:00	50	50					Ecology & Environment	.031 = .010
12C0620-04	Nitrite-Nitrogen (NO2)	03/21/12 12:00	50	50					Ecology & Environment	.002
12C0620-05	Nitrite-Nitrogen (NO2)	03/21/12 12:00	50	50					Ecology & Environment	.023
12C0620-06	Nitrite-Nitrogen (NO2)	03/21/12 12:00	50	50					Ecology & Environment	.064 = .022
B048306-BLK1	QC	03/21/12 08:40	50	50						.003
B048306-BS1	QC	03/21/12 08:40	50	50	1202153		500		TV=0.10mg/L	.288 101%
B048306-BSD1	QC	03/21/12 08:40	50	50	1202153		500			.290 102%
B048306-CCV1	QC /ICV	03/21/12 08:40	50	50	1109161		500			.276 97%
B048306-CCV2	QC	03/21/12 12:00	50	50	1109161		500			.291 102%
B048306-DUP1	QC	03/21/12 08:40	50	50		12C0600-04				.056
B048306-DUP2	QC	03/21/12 12:00	50	50		12C0620-04				.002
B048306-MS1	QC	03/21/12 08:40	50	50	1109161	12C0600-04	500		TV=0.10mg/L	.310 91%
B048306-MS2	QC	03/21/12 12:00	50	50	1109161	12C0620-04	500			.258 91%

See B048302
For spec / epp# / color

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Nitrite Method #: SM 4500 NO_2 B Date/Analyst: 3-27-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	0	50ml	0	mg/L	.003	std 6.						
std 2.	.05	10mg/L		.01		.031	std 7.						
std 3.	.15			.03		.90	std 8.						
std 4.	.500			.10		.293	std 9.						
std 5.	.900			.18		.526	std 10.						
Intermediate: 10 ml stock (WC34-324) + 100 ml (vol) WDI							Intermediate:						

Stock ID#: WC34-324

Concentration: 100 mg/L

Wavelength: 543 nm.

Path Length: 1cm

Correlation Coefficient: 0.999998093

Expiration: 9-21-12

Diluent: DI

Corresponding Analysis Page:

Stock Prep (Louis. Suppliers):

Comments:

Analysis: Method #: Date/Analyst:

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#

Concentration:

Wavelength: nm.

Path Length:

Correlation Coefficient:

Expiration:

Diluent:

Corresponding Analysis Page:

Stock Prep (Louis. Suppliers):

Comments:

404

Import Spec. - WC_Water

Initial Calibration Date:		**Test Code:**	
Analyst:	VAK	**Prep Date/Time:**	3/21/12 8:40
		Analysis Date/Time:	3/21/12 8:40
Analyte:	Nitrite as N	**Units:**	mg/L
Method:	SM4500NO2B		

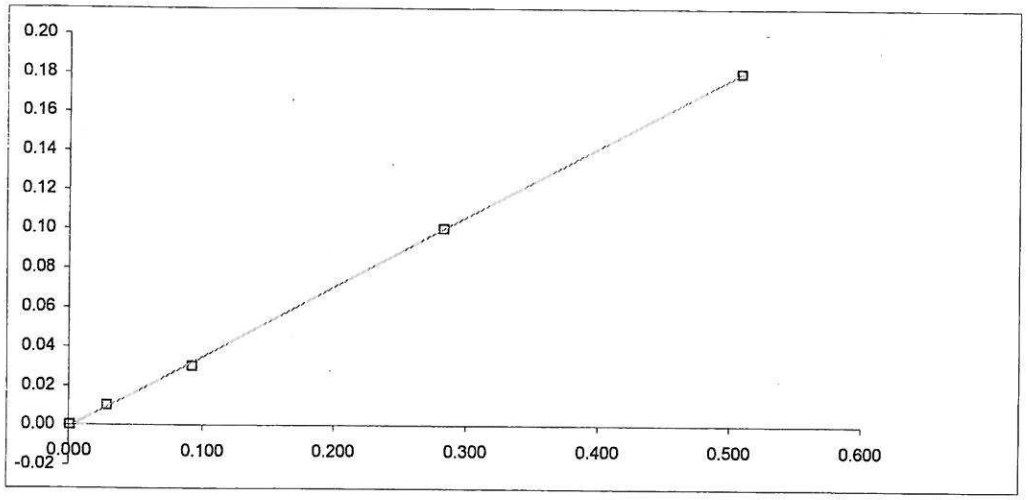
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	-0.001
0.028		0.01	0.009
0.092		0.03	0.032
0.283		0.10	0.100
0.509		0.18	

Batch ID: B048306

LINEAR EQUATION

y=a+bx

a=	0.0024171
b=	2.8153578
r=	0.9999015



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0600-04	Willow Primary Effluent	Sample	0.053	3/21/12 8:40		50		1		1	0.017966775	0.017966775
	12C0601-01	Housatonic River	Sample	0.015	3/21/12 8:40		50		1		1	0.004469377	0.004469377
	12C0601-03	Beartown River	Sample	0.002	3/21/12 8:40		50		1		1	-0.000148153	-0.000148153
	12C0620-02	MW-31D-March 2012	Sample	0.002	3/21/12 8:40		50		1		1	-0.000148153	-0.000148153
	12C0620-03	MW-31C-March 2012	Sample	0.031	3/21/12 8:40		50		1		1	0.010152492	0.010152492
	12C0620-04	MW-31B-March 2012	Sample	0.002	3/21/12 8:40		50		1		1	-0.000148153	-0.000148153
	12C0620-05	MW-46D-March 2012	Sample	0.023	3/21/12 8:40		50		1		1	0.007310935	0.007310935
	12C0620-06	MW-46C-March 2012	Sample	0.064	3/21/12 8:40		50		1		1	0.021873917	0.021873917
	B048306-BLK1	-	Blank	0.003	3/21/12 8:40		50		1		1	0.000207042	0.000207042
	B048306-BS1	-	LCS	0.288	3/21/12 8:40		50		1		1	0.101437517	0.101437517
	B048306-BSD1	-	LCS Dup	0.290	3/21/12 8:40		50		1		1	0.102147907	0.102147907
	B048306-CCV1	-	Calibration Check	0.276	3/21/12 8:40		50		1		1	0.097175181	0.097175181
	B048306-CCV2	-	Calibration Check	0.291	3/21/12 8:40		50		1		1	0.102503106	0.102503106
	B048306-DUP1	12C0600-04	Duplicate	0.056	3/21/12 8:40		50		1		1	0.019032359	0.019032359
	B048306-DUP2	12C0620-04	Duplicate	0.002	3/21/12 8:40		50		1		1	-0.000148153	-0.000148153
	B048306-MS1	12C0600-04	Matrix Spike	0.310	3/21/12 8:40		50		1		1	0.109251805	0.109251805
	B048306-MS2	12C0620-04	Matrix Spike	0.258	3/21/12 8:40		50		1		1	0.090781674	0.090781674

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

Data Package

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ANALYTICAL LABORATORY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 29, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale
Client Job Number:
Project Number: EN.002699.0025.06
Laboratory Work Order Number: 12C0706

Enclosed are results of analyses for samples received by the laboratory on March 22, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Charles W. Balicki
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 3/29/2012

PURCHASE ORDER NUMBER: EN.002699.0025.06

PROJECT NUMBER: EN.002699.0025.06

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0706

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB12321-04	12C0706-01	Trip Blank Water		SW-846 8260C	
Dec-MW3-March2012	12C0706-02	Ground Water		SW-846 8260C	
MW22A-March2012	12C0706-03	Ground Water		SW-846 8260C	
RB12321	12C0706-04	Ground Water		3810/RSK175	
				ASTM D516-90, 02	
				SM 18-20 4500 NO2 B	
				SM 18-20 4500 NO3 F	
				SM 18-20 4500 P E	
				SM 5310B	
				SM18-20 3500 Fe D	
				SW-846 6010C	
				SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK)

12C0706-01[TB12321-04], 12C0706-02[Dec-MW3-March2012], 12C0706-03[MW22A-March2012], 12C0706-04[RB12321], B048653-BLK1, B048653-BS1, B048653-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

trans-1,4-Dichloro-2-butene

B048653-BS1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 2-Hexanone (MBK), Naphthalene, tert-Butyl Alcohol (TBA), Tetrahydrofuran

12C0706-01[TB12321-04], 12C0706-02[Dec-MW3-March2012], 12C0706-03[MW22A-March2012], 12C0706-04[RB12321], B048653-BLK1, B048653-BS1, B048653-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Hexanone (MBK)

12C0706-01[TB12321-04], 12C0706-02[Dec-MW3-March2012], 12C0706-03[MW22A-March2012], 12C0706-04[RB12321], B048653-BLK1, B048653-BS1, B048653-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

12C0706-01[TB12321-04], 12C0706-02[Dec-MW3-March2012], 12C0706-03[MW22A-March2012], 12C0706-04[RB12321], B048653-BLK1, B048653-BS1, B048653-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromoform, Methylene Chloride

B048653-BS1, B048653-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: TB12321-04 | Sampled: 3/21/2012 07:00

Sample ID: 12C0706-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: TB12321-04 | Sampled: 3/21/2012 07:00

Sample ID: 12C0706-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
2-Hexanone (MBK)	ND	50	µg/L	1	L-04, R-05, V-05	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 2:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		3/28/12 2:47
Toluene-d8	97.9	70-130		3/28/12 2:47
4-Bromofluorobenzene	96.7	70-130		3/28/12 2:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: Dec-MW3-March2012 | Sampled: 3/21/2012 08:53

Sample ID: 12C0706-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
cis-1,2-Dichloroethylene	16	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: Dec-MW3-March2012 | Sampled: 3/21/2012 08:53

Sample ID: 12C0706-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
2-Hexanone (MBK)	ND	50	µg/L	1	L-04, R-05, V-05	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Tetrachloroethylene	21	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Trichloroethylene	3.4	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:18	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		3/28/12 4:18
Toluene-d8	97.8	70-130		3/28/12 4:18
4-Bromofluorobenzene	98.1	70-130		3/28/12 4:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: MW22A-March2012 | Sampled: 3/21/2012 09:53

Sample ID: 12C0706-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
cis-1,2-Dichloroethylene	1.5	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: MW22A-March2012 | Sampled: 3/21/2012 09:53

Sample ID: 12C0706-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
2-Hexanone (MBK)	ND	50	µg/L	1	L-04, R-05, V-05	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Tetrachloroethylene	2.0	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Trichloroethylene	1.1	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 4:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		3/28/12 4:48
Toluene-d8	98.2	70-130		3/28/12 4:48
4-Bromofluorobenzene	96.7	70-130		3/28/12 4:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: RB12321 | Sampled: 3/21/2012 11:30

Sample ID: 12C0706-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: RB12321 | Sampled: 3/21/2012 11:30

Sample ID: 12C0706-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,4-Dioxane	ND	50	µg/L	1	V-05, V-16	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Hexachlorobutadiene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
2-Hexanone (MBK)	ND	50	µg/L	1	L-04, R-05, V-05	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Naphthalene	ND	2.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Tetrahydrofuran	ND	10	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	R-05	SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/27/12	3/28/12 3:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag		
1,2-Dichloroethane-d4	104	70-130		3/28/12	3:47
Toluene-d8	99.5	70-130		3/28/12	3:47
4-Bromofluorobenzene	97.9	70-130		3/28/12	3:47

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: RB12321 | Sampled: 3/21/2012 11:30

Sample ID: 12C0706-04

Sample Matrix: Ground Water

Miscellaneous Organic Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.10	mg/L	1		3810/RSK175	3/28/12	3/28/12 12:16	WSD
Ethene	ND	0.10	mg/L	1		3810/RSK175	3/28/12	3/28/12 12:16	WSD
Methane	ND	0.010	mg/L	1		3810/RSK175	3/28/12	3/28/12 12:16	WSD

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: RB12321 | Sampled: 3/21/2012 11:30

Sample ID: 12C0706-04

Sample Matrix: Ground Water

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Iron	ND	0.050	mg/L	1		SW-846 6010C	3/26/12	3/26/12 12:54	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale | Sample Description: | Work Order: 12C0706

Date Received: 3/22/2012

Field Sample #: RB12321 | Sampled: 3/21/2012 11:30

Sample ID: 12C0706-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Ferrous Iron	ND	0.20	mg/L	1		SM18-20 3500 Fe D	3/28/12	3/28/12 9:15	SBP
Nitrate as N	ND	0.050	mg/L	1		SM 18-20 4500 NO3 F	3/27/12	3/27/12 9:51	VAK
Nitrite as N	ND	0.010	mg/L	1		SM 18-20 4500 NO2 B	3/22/12	3/22/12 11:30	VAK
Orthophosphate as P	ND	0.050	mg/L	1		SM 18-20 4500 P E	3/22/12	3/22/12 11:30	VAK
Sulfate	ND	2.0	mg/L	1		ASTM D516-90, 02	3/29/12	3/29/12 14:30	AED
Total Organic Carbon	ND	1.0	mg/L	1		SM 5310B	3/27/12	3/27/12 11:01	LL

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

3810/RSK175

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048725	1.00	1.00	03/28/12

ASTM D516-90, 02

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048829	100	100	03/29/12

SM 18-20 4500 NO2 B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048420	50.0	50.0	03/22/12

Prep Method: SM 4500 NO3-F-SM 18-20 4500 NO3 F

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048649	25.0	25.0	03/27/12

SM 18-20 4500 P E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048421	50.0	50.0	03/22/12

SM 5310B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048716	50.0	50.0	03/27/12

SM18-20 3500 Fe D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048753	50.0	50.0	03/28/12

Prep Method: SW-846 3005A-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-04 [RB12321]	B048573	50.0	50.0	03/26/12

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0706-01 [TB12321-04]	B048653	5	5.00	03/27/12
12C0706-02 [Dec-MW3-March2012]	B048653	5	5.00	03/27/12
12C0706-03 [MW22A-March2012]	B048653	5	5.00	03/27/12
12C0706-04 [RB12321]	B048653	5	5.00	03/27/12

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048653 - SW-846 5030B										
Blank (B048653-BLK1)				Prepared: 03/27/12 Analyzed: 03/28/12						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							R-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-05, V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	50	µg/L							L-04, R-05, V-05
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B048653 - SW-846 5030B											
Blank (B048653-BLK1)				Prepared: 03/27/12 Analyzed: 03/28/12							
Methylene Chloride	ND	5.0	µg/L								
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L								
Naphthalene	ND	2.0	µg/L							R-05	
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L							R-05	
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L							R-05	
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		101	70-130				
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2	70-130				
Surrogate: 4-Bromofluorobenzene	*24.4*		µg/L	25.0		97.4	70-130				
LCS (B048653-BS1)				Prepared: 03/27/12 Analyzed: 03/28/12							
Acetone	103	50	µg/L	100		103	70-160				†
Acrylonitrile	8.94	5.0	µg/L	10.0		89.4	70-130				
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130				
Benzene	10.0	1.0	µg/L	10.0		100	70-130				
Bromobenzene	10.0	1.0	µg/L	10.0		100	70-130				
Bromochloromethane	10.4	1.0	µg/L	10.0		104	70-130				
Bromodichloromethane	9.56	0.50	µg/L	10.0		95.6	70-130				
Bromoform	12.0	1.0	µg/L	10.0		120	70-130			V-20	
Bromomethane	4.62	2.0	µg/L	10.0		46.2	40-160				†
2-Butanone (MEK)	90.8	20	µg/L	100		90.8	40-160				†
tert-Butyl Alcohol (TBA)	69.0	20	µg/L	100		69.0	40-160			R-05, V-16	†
n-Butylbenzene	9.46	1.0	µg/L	10.0		94.6	70-130				
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106	70-130				
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104	70-130				
Carbon Disulfide	9.96	2.0	µg/L	10.0		99.6	70-130				
Carbon Tetrachloride	9.79	5.0	µg/L	10.0		97.9	70-130				
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130				
Chlorodibromomethane	10.6	0.50	µg/L	10.0		106	70-130				
Chloroethane	8.86	2.0	µg/L	10.0		88.6	70-130				
Chloroform	10.6	2.0	µg/L	10.0		106	70-130				
Chloromethane	9.29	2.0	µg/L	10.0		92.9	40-160				†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B048653 - SW-846 5030B												
LCS (B048653-BS1)				Prepared: 03/27/12 Analyzed: 03/28/12								
4-Chlorotoluene	10.7	1.0	µg/L	10.0		107		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.34	5.0	µg/L	10.0		83.4		70-130				
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.0		100		70-130				
Dibromomethane	9.84	1.0	µg/L	10.0		98.4		70-130				
1,2-Dichlorobenzene	10.5	1.0	µg/L	10.0		105		70-130				
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103		70-130				
1,4-Dichlorobenzene	9.66	1.0	µg/L	10.0		96.6		70-130				
trans-1,4-Dichloro-2-butene	6.60	2.0	µg/L	10.0		**66.0**	*	70-130			L-07	
Dichlorodifluoromethane (Freon 12)	7.95	2.0	µg/L	10.0		79.5		40-160				†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichloroethane	9.89	1.0	µg/L	10.0		98.9		70-130				
1,1-Dichloroethylene	9.89	1.0	µg/L	10.0		98.9		70-130				
cis-1,2-Dichloroethylene	9.62	1.0	µg/L	10.0		96.2		70-130				
trans-1,2-Dichloroethylene	9.86	1.0	µg/L	10.0		98.6		70-130				
1,2-Dichloropropane	9.99	1.0	µg/L	10.0		99.9		70-130				
1,3-Dichloropropane	9.86	0.50	µg/L	10.0		98.6		70-130				
2,2-Dichloropropane	8.65	1.0	µg/L	10.0		86.5		40-130				†
1,1-Dichloropropene	10.1	2.0	µg/L	10.0		101		70-130				
cis-1,3-Dichloropropene	9.48	0.50	µg/L	10.0		94.8		70-130				
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.0		108		70-130				
Diethyl Ether	9.77	2.0	µg/L	10.0		97.7		70-130				
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106		70-130				
1,4-Dioxane	70.4	50	µg/L	100		70.4		40-130			V-05, V-16	†
Ethylbenzene	10.1	1.0	µg/L	10.0		101		70-130				
Hexachlorobutadiene	9.67	1.0	µg/L	10.0		96.7		70-130				
2-Hexanone (MBK)	20.5	50	µg/L	100		**20.5**	*	70-160			L-04, R-05, V-05	†
Isopropylbenzene (Cumene)	10.9	1.0	µg/L	10.0		109		70-130				
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.0		102		70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108		70-130				
Methylene Chloride	11.9	5.0	µg/L	10.0		119		70-130			V-20	
4-Methyl-2-pentanone (MIBK)	85.3	10	µg/L	100		85.3		70-160				†
Naphthalene	7.34	2.0	µg/L	10.0		73.4		40-130			R-05	†
n-Propylbenzene	10.7	1.0	µg/L	10.0		107		70-130				
Styrene	10.5	1.0	µg/L	10.0		105		70-130				
1,1,1,2-Tetrachloroethane	10.0	1.0	µg/L	10.0		100		70-130				
1,1,2,2-Tetrachloroethane	10.0	0.50	µg/L	10.0		100		70-130				
Tetrachloroethylene	9.93	1.0	µg/L	10.0		99.3		70-130				
Tetrahydrofuran	7.52	10	µg/L	10.0		75.2		70-130			R-05	
Toluene	10.1	1.0	µg/L	10.0		101		70-130				
1,2,3-Trichlorobenzene	7.56	5.0	µg/L	10.0		75.6		70-130			R-05	
1,2,4-Trichlorobenzene	7.71	1.0	µg/L	10.0		77.1		70-130				
1,3,5-Trichlorobenzene	8.47	1.0	µg/L	10.0		84.7		70-130				
1,1,1-Trichloroethane	9.91	1.0	µg/L	10.0		99.1		70-130				
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.0		100		70-130				
Trichloroethylene	9.55	1.0	µg/L	10.0		95.5		70-130				
Trichlorofluoromethane (Freon 11)	9.51	2.0	µg/L	10.0		95.1		70-130				
1,2,3-Trichloropropane	9.93	2.0	µg/L	10.0		99.3		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6	1.0	µg/L	10.0		106		70-130				
1,2,4-Trimethylbenzene	9.68	1.0	µg/L	10.0		96.8		70-130				
1,3,5-Trimethylbenzene	9.88	1.0	µg/L	10.0		98.8		70-130				
Vinyl Chloride	8.19	2.0	µg/L	10.0		81.9		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes	
Batch B048653 - SW-846 5030B												
LCS (B048653-BS1)				Prepared: 03/27/12 Analyzed: 03/28/12								
m+p Xylene	20.3	2.0	µg/L	20.0		102	70-130					
o-Xylene	10.8	1.0	µg/L	10.0		108	70-130					
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101	70-130					
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		102	70-130					
Surrogate: 4-Bromofluorobenzene	*25.1*		µg/L	25.0		100	70-130					
LCS Dup (B048653-BSD1)				Prepared: 03/27/12 Analyzed: 03/28/12								
Acetone	101	50	µg/L	100		101	70-160	1.26		25		†
Acrylonitrile	10.4	5.0	µg/L	10.0		104	70-130	14.9		25		
tert-Amyl Methyl Ether (TAME)	10.4	0.50	µg/L	10.0		104	70-130	0.677		25		
Benzene	9.67	1.0	µg/L	10.0		96.7	70-130	3.65		25		
Bromobenzene	9.86	1.0	µg/L	10.0		98.6	70-130	1.71		25		
Bromochloromethane	10.2	1.0	µg/L	10.0		102	70-130	1.55		25		
Bromodichloromethane	9.48	0.50	µg/L	10.0		94.8	70-130	0.840		25		
Bromoform	12.9	1.0	µg/L	10.0		129	70-130	7.48		25	V-20	
Bromomethane	5.01	2.0	µg/L	10.0		50.1	40-160	8.10		25		†
2-Butanone (MEK)	103	20	µg/L	100		103	40-160	12.7		25		†
tert-Butyl Alcohol (TBA)	102	20	µg/L	100		102	40-160	**38.5**	*	25	R-05, V-16	†
n-Butylbenzene	9.61	1.0	µg/L	10.0		96.1	70-130	1.57		25		
sec-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130	1.23		25		
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	0.386		25		
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105	70-130	1.15		25		
Carbon Disulfide	9.06	2.0	µg/L	10.0		90.6	70-130	9.46		25		
Carbon Tetrachloride	9.33	5.0	µg/L	10.0		93.3	70-130	4.81		25		
Chlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	0.944		25		
Chlorodibromomethane	10.9	0.50	µg/L	10.0		109	70-130	2.32		25		
Chloroethane	8.16	2.0	µg/L	10.0		81.6	70-130	8.23		25		
Chloroform	10.1	2.0	µg/L	10.0		101	70-130	4.74		25		
Chloromethane	8.60	2.0	µg/L	10.0		86.0	40-160	7.71		25		†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130	0.193		25		
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130	0.562		25		
1,2-Dibromo-3-chloropropane (DBCP)	10.1	5.0	µg/L	10.0		101	70-130	19.4		25		
1,2-Dibromoethane (EDB)	10.4	0.50	µg/L	10.0		104	70-130	3.33		25		
Dibromomethane	10.4	1.0	µg/L	10.0		104	70-130	5.53		25		
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130	2.07		25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	0.488		25		
1,4-Dichlorobenzene	9.74	1.0	µg/L	10.0		97.4	70-130	0.825		25		
trans-1,4-Dichloro-2-butene	8.13	2.0	µg/L	10.0		81.3	70-130	20.8		25		
Dichlorodifluoromethane (Freon 12)	7.73	2.0	µg/L	10.0		77.3	40-160	2.81		25		†
1,1-Dichloroethane	9.96	1.0	µg/L	10.0		99.6	70-130	4.71		25		
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130	2.79		25		
1,1-Dichloroethylene	8.88	1.0	µg/L	10.0		88.8	70-130	10.8		25		
cis-1,2-Dichloroethylene	9.18	1.0	µg/L	10.0		91.8	70-130	4.68		25		
trans-1,2-Dichloroethylene	9.44	1.0	µg/L	10.0		94.4	70-130	4.35		25		
1,2-Dichloropropane	9.69	1.0	µg/L	10.0		96.9	70-130	3.05		25		
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130	3.19		25		
2,2-Dichloropropane	8.60	1.0	µg/L	10.0		86.0	40-130	0.580		25		†
1,1-Dichloropropene	9.97	2.0	µg/L	10.0		99.7	70-130	1.49		25		
cis-1,3-Dichloropropene	9.66	0.50	µg/L	10.0		96.6	70-130	1.88		25		
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114	70-130	5.38		25		
Diethyl Ether	9.24	2.0	µg/L	10.0		92.4	70-130	5.58		25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130	0.849		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B048653 - SW-846 5030B													
LCS Dup (B048653-BSD1)				Prepared: 03/27/12 Analyzed: 03/28/12									
1,4-Dioxane	90.0	50	µg/L	100		90.0		40-130	24.5		50	V-05, V-16	† ‡
Ethylbenzene	9.83	1.0	µg/L	10.0		98.3		70-130	2.81		25		
Hexachlorobutadiene	10.1	1.0	µg/L	10.0		101		70-130	4.75		25		
2-Hexanone (MBK)	47.0	50	µg/L	100		**47.0**	*	70-160	**78.6**	*	25	V-05, L-04, R-05	†
Isopropylbenzene (Cumene)	10.8	1.0	µg/L	10.0		108		70-130	0.554		25		
p-Isopropyltoluene (p-Cymene)	10.1	1.0	µg/L	10.0		101		70-130	0.988		25		
Methyl tert-Butyl Ether (MTBE)	11.1	1.0	µg/L	10.0		111		70-130	2.01		25		
Methylene Chloride	10.7	5.0	µg/L	10.0		107		70-130	10.2		25	V-20	
4-Methyl-2-pentanone (MIBK)	98.5	10	µg/L	100		98.5		70-160	14.4		25		†
Naphthalene	9.56	2.0	µg/L	10.0		95.6		40-130	**26.3**	*	25	R-05	†
n-Propylbenzene	10.6	1.0	µg/L	10.0		106		70-130	0.564		25		
Styrene	10.3	1.0	µg/L	10.0		103		70-130	1.63		25		
1,1,1,2-Tetrachloroethane	10.1	1.0	µg/L	10.0		101		70-130	1.29		25		
1,1,2,2-Tetrachloroethane	11.0	0.50	µg/L	10.0		110		70-130	9.39		25		
Tetrachloroethylene	9.75	1.0	µg/L	10.0		97.5		70-130	1.83		25		
Tetrahydrofuran	10.1	10	µg/L	10.0		101		70-130	**29.5**	*	25	R-05	
Toluene	9.86	1.0	µg/L	10.0		98.6		70-130	2.21		25		
1,2,3-Trichlorobenzene	9.74	5.0	µg/L	10.0		97.4		70-130	**25.2**	*	25	R-05	
1,2,4-Trichlorobenzene	9.11	1.0	µg/L	10.0		91.1		70-130	16.6		25		
1,3,5-Trichlorobenzene	8.66	1.0	µg/L	10.0		86.6		70-130	2.22		25		
1,1,1-Trichloroethane	9.70	1.0	µg/L	10.0		97.0		70-130	2.14		25		
1,1,2-Trichloroethane	9.91	1.0	µg/L	10.0		99.1		70-130	0.904		25		
Trichloroethylene	9.37	1.0	µg/L	10.0		93.7		70-130	1.90		25		
Trichlorofluoromethane (Freon 11)	8.67	2.0	µg/L	10.0		86.7		70-130	9.24		25		
1,2,3-Trichloropropane	10.9	2.0	µg/L	10.0		109		70-130	9.68		25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57	1.0	µg/L	10.0		95.7		70-130	10.2		25		
1,2,4-Trimethylbenzene	9.73	1.0	µg/L	10.0		97.3		70-130	0.515		25		
1,3,5-Trimethylbenzene	9.83	1.0	µg/L	10.0		98.3		70-130	0.507		25		
Vinyl Chloride	7.46	2.0	µg/L	10.0		74.6		40-160	9.33		25		†
m+p Xylene	20.0	2.0	µg/L	20.0		99.8		70-130	1.74		25		
o-Xylene	10.7	1.0	µg/L	10.0		107		70-130	0.838		25		
Surrogate: 1,2-Dichloroethane-d4	*25.3*		µg/L	25.0		101		70-130					
Surrogate: Toluene-d8	*24.8*		µg/L	25.0		99.2		70-130					
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102		70-130					

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048725 - 3810/RSK175										
Blank (B048725-BLK1)				Prepared & Analyzed: 03/28/12						
Ethane	ND	0.10	mg/L							
Ethene	ND	0.10	mg/L							
Methane	ND	0.010	mg/L							
LCS (B048725-BS1)				Prepared & Analyzed: 03/28/12						
Ethane	2200		mg/L	2000		108	60-122			
Ethene	2200		mg/L	2000		108	67-113			
Methane	2200		mg/L	2000		108	56-121			
Duplicate (B048725-DUP1)	**Source: 12C0706-04**			Prepared & Analyzed: 03/28/12						
Ethane	ND	0.10	mg/L		ND			NC		
Ethene	ND	0.10	mg/L		ND			NC		
Methane	ND	0.010	mg/L		ND			NC		

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048573 - SW-846 3005A										
Blank (B048573-BLK1)				Prepared & Analyzed: 03/26/12						
Iron	ND	0.050	mg/L							
LCS (B048573-BS1)				Prepared & Analyzed: 03/26/12						
Iron	0.501	0.050	mg/L	0.500		100	80-120			
LCS Dup (B048573-BSD1)				Prepared & Analyzed: 03/26/12						
Iron	0.501	0.050	mg/L	0.500		100	80-120	0.0137	20	
Duplicate (B048573-DUP1)		**Source: 12C0706-04**		Prepared & Analyzed: 03/26/12						
Iron	ND	0.050	mg/L		ND			NC	20	
Matrix Spike (B048573-MS1)		**Source: 12C0706-04**		Prepared & Analyzed: 03/26/12						
Iron	0.497	0.050	mg/L	0.500	ND	99.4	75-125			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048420 - SM 18-20 4500 NO2 B										
Blank (B048420-BLK1)				Prepared & Analyzed: 03/22/12						
Nitrite as N	ND	0.010	mg/L							
LCS (B048420-BS1)				Prepared & Analyzed: 03/22/12						
Nitrite as N	0.098	0.010	mg/L	0.100		98.4	90.9-113			
LCS Dup (B048420-BSD1)				Prepared & Analyzed: 03/22/12						
Nitrite as N	0.099	0.010	mg/L	0.100		99.1	90.9-113	0.712	6.88	
Batch B048421 - SM 18-20 4500 P E										
Blank (B048421-BLK1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	ND	0.050	mg/L							
LCS (B048421-BS1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	0.42	0.050	mg/L	0.420		101	87.4-119			
LCS Dup (B048421-BSD1)				Prepared & Analyzed: 03/22/12						
Orthophosphate as P	0.44	0.050	mg/L	0.420		104	87.4-119	2.97	11.2	
Batch B048649 - SM 4500 NO3-F										
Blank (B048649-BLK1)				Prepared & Analyzed: 03/27/12						
Nitrate as N	ND	0.050	mg/L							
LCS (B048649-BS1)				Prepared & Analyzed: 03/27/12						
Nitrate as N	3.8		mg/L	3.71		103	94.7-112			
LCS Dup (B048649-BSD1)				Prepared & Analyzed: 03/27/12						
Nitrate as N	3.9		mg/L	3.71		106	94.7-112	2.58	3.36	
Duplicate (B048649-DUP1)	**Source: 12C0706-04**			Prepared & Analyzed: 03/27/12						
Nitrate as N	ND	0.050	mg/L		ND			NC	22.3	
Matrix Spike (B048649-MS1)	**Source: 12C0706-04**			Prepared & Analyzed: 03/27/12						
Nitrate as N	4.6	0.050	mg/L	3.98	ND	114	60.8-138			
Batch B048716 - SM 5310B										
Blank (B048716-BLK1)				Prepared & Analyzed: 03/27/12						
Total Organic Carbon	ND	1.0	mg/L							

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048716 - SM 5310B										
LCS (B048716-BS1)				Prepared & Analyzed: 03/27/12						
Total Organic Carbon	9.46	1.0	mg/L	10.0		94.6	88.3-112			
LCS Dup (B048716-BSD1)				Prepared & Analyzed: 03/27/12						
Total Organic Carbon	9.71	1.0	mg/L	10.0		97.1	88.3-112	2.55	6.58	
Batch B048753 - SM18-20 3500 Fe D										
Blank (B048753-BLK1)				Prepared & Analyzed: 03/28/12						
Ferrous Iron	ND	0.20	mg/L							
LCS (B048753-BS1)				Prepared & Analyzed: 03/28/12						
Ferrous Iron	0.78	0.20	mg/L	0.800		96.9	85-115			
LCS Dup (B048753-BSD1)				Prepared & Analyzed: 03/28/12						
Ferrous Iron	0.76	0.20	mg/L	0.800		94.5	85-115	2.58	20	
Duplicate (B048753-DUP1)	**Source: 12C0706-04**			Prepared & Analyzed: 03/28/12						
Ferrous Iron	ND	0.20	mg/L		ND			NC	20	
Matrix Spike (B048753-MS1)	**Source: 12C0706-04**			Prepared & Analyzed: 03/28/12						
Ferrous Iron	0.80	0.20	mg/L	0.800	ND	100	85-115			
Batch B048829 - ASTM D516-90, 02										
Blank (B048829-BLK1)				Prepared & Analyzed: 03/29/12						
Sulfate	ND	2.0	mg/L							
LCS (B048829-BS1)				Prepared & Analyzed: 03/29/12						
Sulfate	20	2.0	mg/L	20.0		99.0	81.5-115			
LCS Dup (B048829-BSD1)				Prepared & Analyzed: 03/29/12						
Sulfate	20	2.0	mg/L	20.0		102	81.5-115	2.54	10.6	
Matrix Spike (B048829-MS2)	**Source: 12C0706-04**			Prepared & Analyzed: 03/29/12						
Sulfate	20	2.0	mg/L	20.0	ND	100	54.4-133			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
ASTM D516-90, 02 in Water	
Sulfate	NY,NH,MA,CT,RI
SM 18-20 4500 NO2 B in Water	
Nitrite as N	CT,NH,NY,ME,NC
SM 18-20 4500 NO3 F in Water	
Nitrate as N	CT,MA,NH,NY,RI,ME,NC
SM 18-20 4500 P E in Water	
Orthophosphate as P	CT,MA,NH,NY,RI,ME
SM 5310B in Water	
Total Organic Carbon	CT,MA,NH,NY,RI,NC,ME
SW-846 6010C in Water	
Iron	CT,NH,NY,RI,ME,NC
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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CHAIN OF CUSTODY RECORD

Page 1 of 1

12C0706

Company Name: Ecology & Environment
Address: 368 Pleasantview Drive
Lancaster NY 14086
Attention: Rick Watt
Project Location: Farmingdale
Sampled By: L Roedl, M Chaplowitz

Telephone: 716 684-8060
Project # EN-002699-0025-06
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ◉ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS ◉ OTHER EQuIS-EDD
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection ~~Ending~~ Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code	ANALYSIS REQUESTED: VOA's 8260	Total Iron	Nitrate	Nitrite, Sulfate, Opbs	Ferrous Iron	TOC	methane, Ethane, Ethene
								11	11	1	1	1	1	1	1	2	
								11	N	S	I	H	H	H			
								V	9	9	P	A	A	V			
-01	TB12321-04	3/21/12	7:00		X	GW	L				X						
-02	Dec-MW3-march2012	3/21/12	8:53		X	GW	L				X						
-03	MW22A-March2012	3/21/12	9:53		X	GW	L				X						
-04	RB12321	3/21/12	11:30		X	GW	L				X	X	X	X	X	X	X

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Lawrence Thorell	3/21/12 15:00
Received by: (signature)	Date/Time:
Alan Frankowski 2.2°C	3/22/12 10:18
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☑ Other per contract
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Detailed Results

Printer-Friendly Get Link Help

Enter tracking number

Detailed Results | Notifications

Tracking no.: 857422796610 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated Picked up In transit Delivered

Delivered
Signed for by: P.BLAKE

Shipment Dates	Destination
Ship date Mar 21, 2012	Signature Proof of Delivery
Delivery date Mar 22, 2012 10:18 AM	

Shipment Options Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts Help

Service type	Priority Overnight	Delivered to	Shipping/Receiving
Weight	33.0 lbs/15.0 kg	Reference	EN-002699-0025-06

Shipment Travel History Help

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 22, 2012 10:18 AM	**Delivered**		
Mar 22, 2012 7:26 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Mar 22, 2012 6:50 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Mar 22, 2012 3:15 AM	Departed FedEx location	NEWARK, NJ	
Mar 21, 2012 10:05 PM	Departed FedEx location	NEWARK, NJ	
Mar 21, 2012 10:00 PM	Arrived at FedEx location	NEWARK, NJ	
Mar 21, 2012 9:00 PM	Left FedEx origin facility	MELVILLE, NY	
Mar 21, 2012 3:00 PM	Picked up	MELVILLE, NY	

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Sample Receipt Checklist



CLIENT NAME: Ecology + Env. RECEIVED BY: AP DATE: 3/22/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.2°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified SBP Date 3/22/12 Time 10:30

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No (N/A) _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber Tall	1	8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	1	2 oz amber/clear jar	
1 Liter Plastic	1	Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic	2	Plastic Bag / Ziploc	
40 mL Vial - type listed below	13	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl 13 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB12321-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0706-01	File ID:	VC087030.D
Sampled:	03/21/12 07:00	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB12321-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0706-01	File ID:	VC087030.D
Sampled:	03/21/12 07:00	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-05, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

TB12321-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0706-01	File ID:	VC087030.D
Sampled:	03/21/12 07:00	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	R-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB12321-04

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	12C0706-01	File ID:	VC087030.D
Sampled:	03/21/12 07:00	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

40

Data Path : X:\1\DATA\032712\
Data File : VC087030.D
Acq On : 28 Mar 2012 2:47 am
Operator :
Sample : 12C0706-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

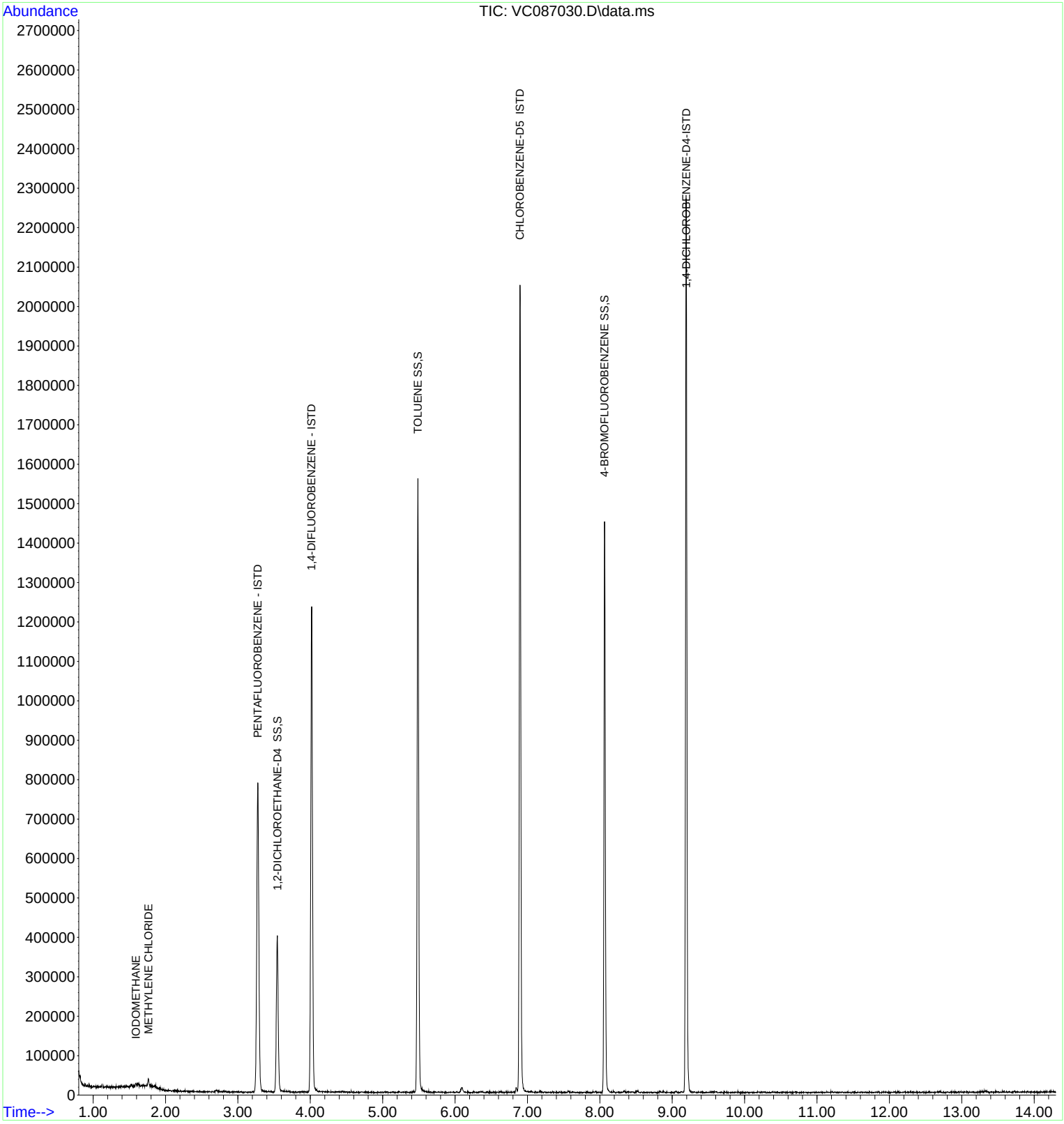
Quant Time: Mar 29 12:31:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

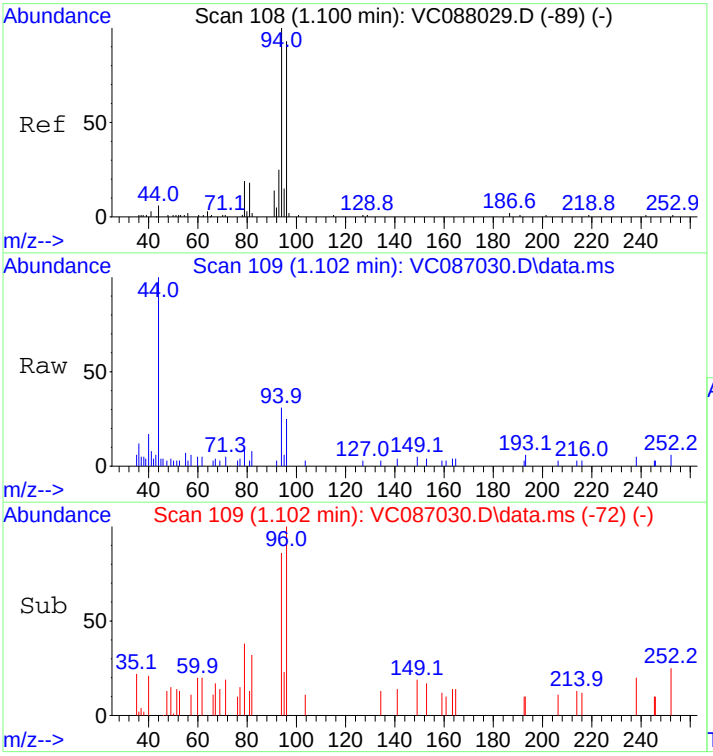
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	585383	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	946902	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	505340	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	506992	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	250288	25.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%			
49) TOLUENE SS	5.486	98	860109	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
71) 4-BROMOFLUOROBENZENE SS	8.065	95	400245	24.17	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.68%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.102	94	1052	Below Cal	#	41
17) IODOMETHANE	1.593	142	6183	0.44	UG/L	90
23) METHYLENE CHLORIDE	1.766	49	7122	0.54	UG/L	98
65) 2-HEXANONE	6.258	43	514	Below Cal	#	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087030.D
Acq On : 28 Mar 2012 2:47 am
Operator :
Sample : 12C0706-01 @ TB Inst : GCMSVOA3
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Mar 29 12:31:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

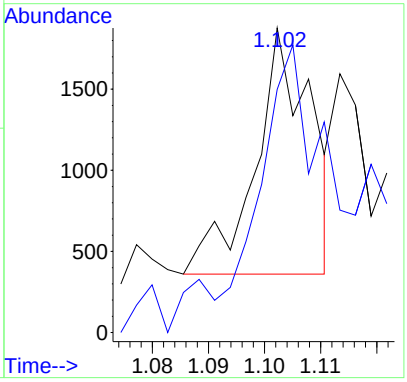


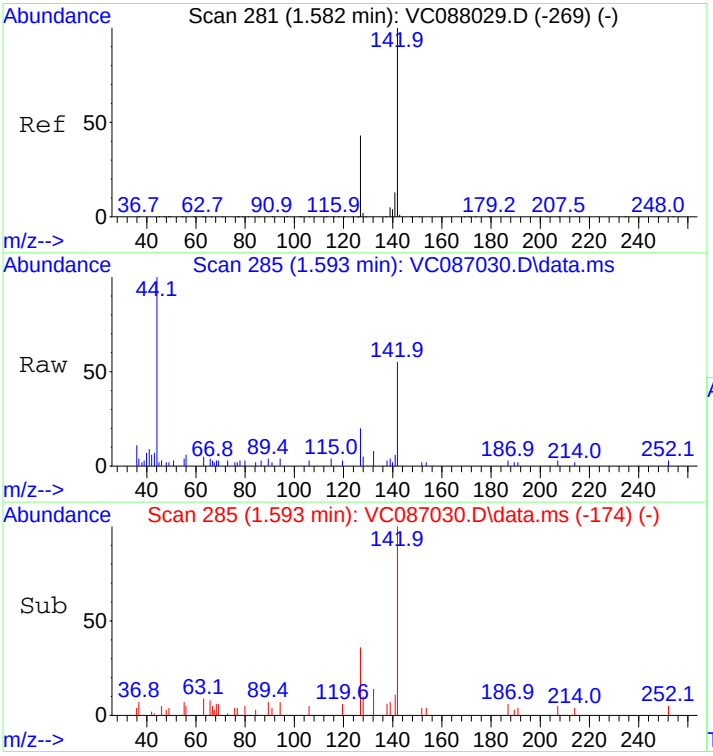


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC087030.D
Acq: 28 Mar 2012 2:47 am

Tgt Ion: 94 Resp: 1052

Ion	Ratio	Lower	Upper
94	100		
96	151.9	75.5	113.3#

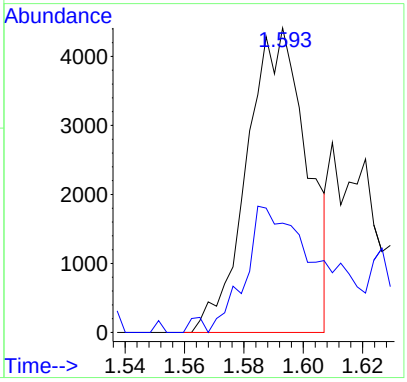


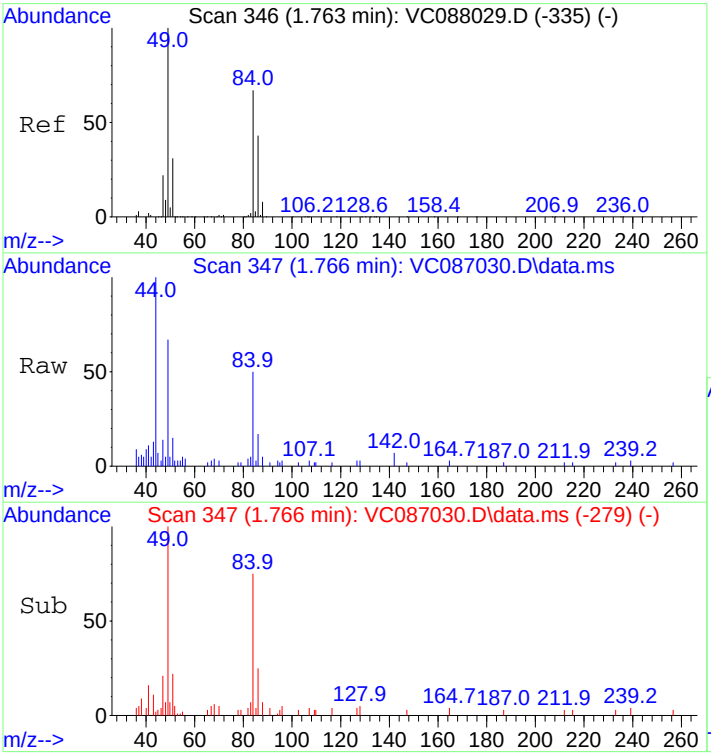


#17
IODOMETHANE
Concen: 0.44 UG/L
RT: 1.593 min Scan# 285
Delta R.T. 0.008 min
Lab File: VC087030.D
Acq: 28 Mar 2012 2:47 am

Tgt Ion:142 Resp: 6183

Ion	Ratio	Lower	Upper
142	100		
127	52.5	36.8	55.2

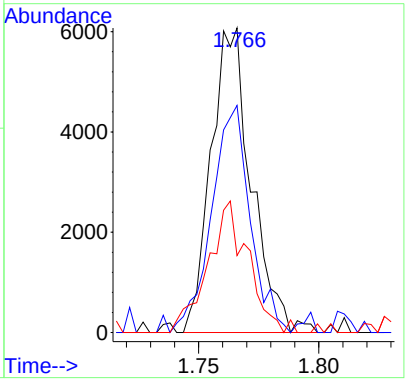


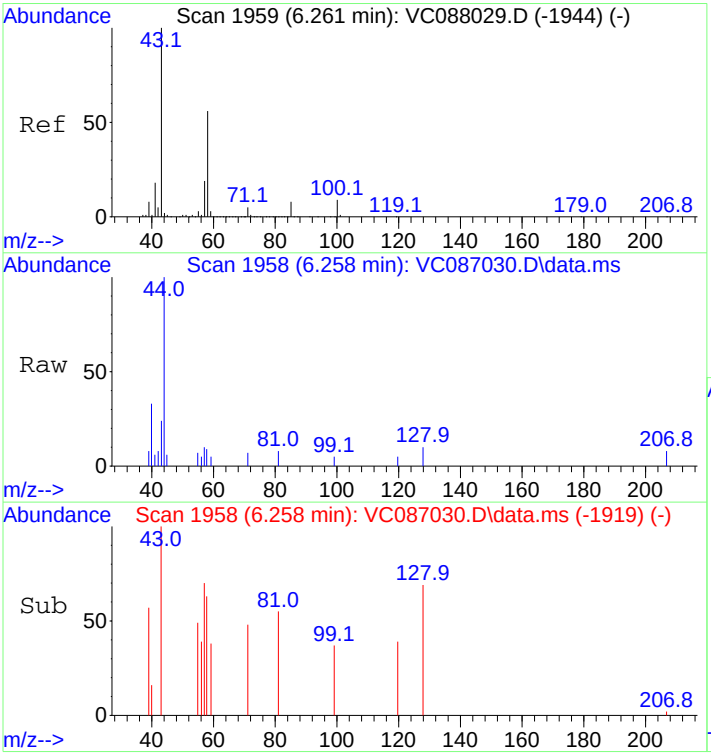


#23
METHYLENE CHLORIDE
Concen: 0.54 UG/L
RT: 1.766 min Scan# 347
Delta R.T. -0.000 min
Lab File: VC087030.D
Acq: 28 Mar 2012 2:47 am

Tgt Ion: 49 Resp: 7122

Ion	Ratio	Lower	Upper
49	100		
84	70.9	57.0	85.6
86	42.7	36.7	55.1

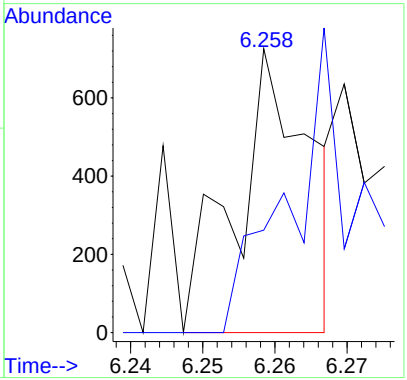




#65
2-HEXANONE
Concen: Below Cal
RT: 6.258 min Scan# 1958
Delta R.T. -0.003 min
Lab File: VC087030.D
Acq: 28 Mar 2012 2:47 am

Tgt Ion: 43 Resp: 514

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#



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1 - FORM I
ANALYSIS DATA SHEET

Dec-MW3-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-02	File ID:	VC087033.D
Sampled:	03/21/12 08:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Dec-MW3-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-02	File ID:	VC087033.D
Sampled:	03/21/12 08:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	16	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-05, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Dec-MW3-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-02	File ID:	VC087033.D
Sampled:	03/21/12 08:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	R-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	21	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	3.4	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

Dec-MW3-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-02	File ID:	VC087033.D
Sampled:	03/21/12 08:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087033.D
Acq On : 28 Mar 2012 4:18 am
Operator :
Sample : 12C0706-02 Inst : GCMSVOA3
Misc :
ALS Vial : 33 Sample Multiplier: 1

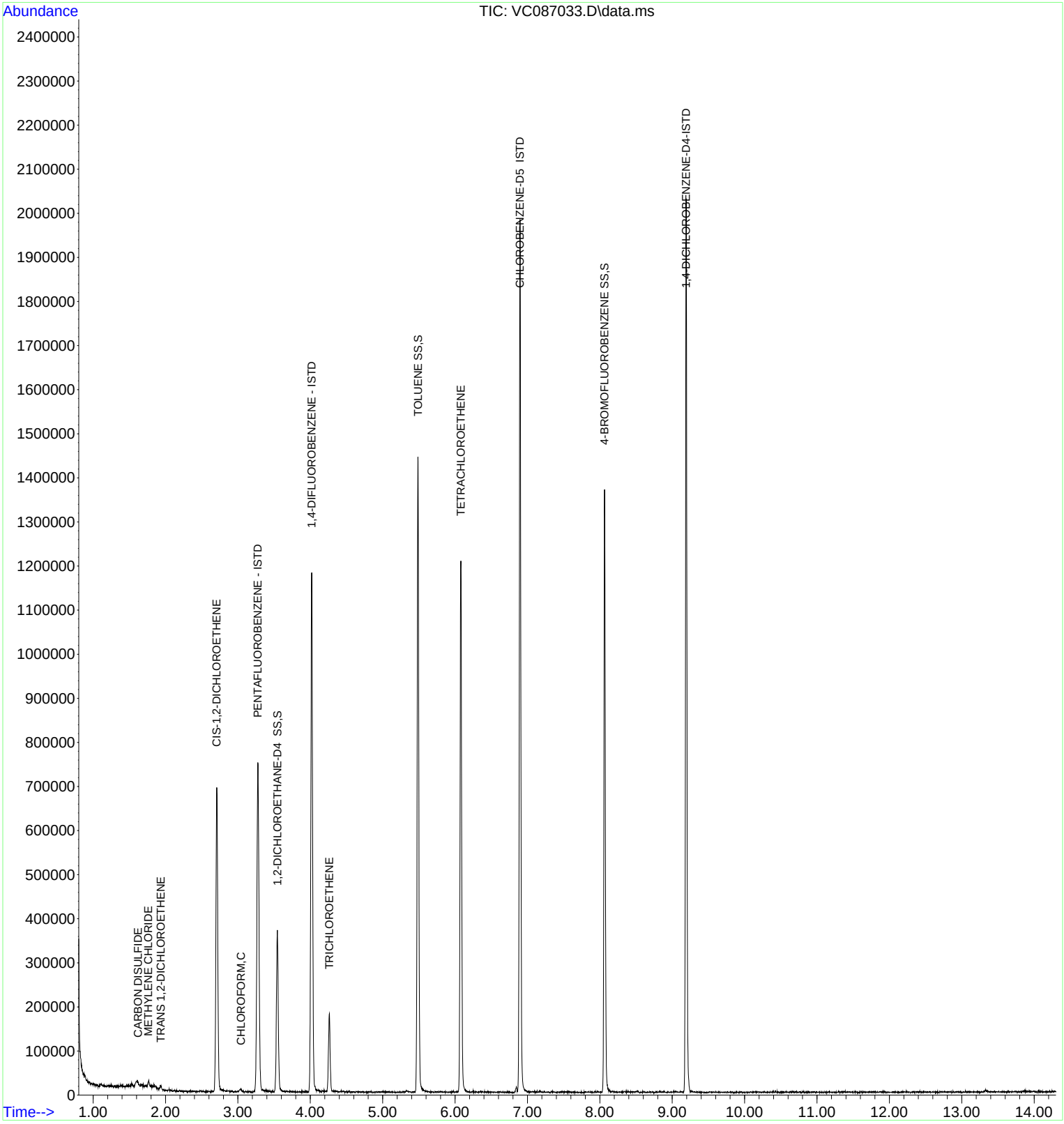
Quant Time: Mar 29 12:34:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

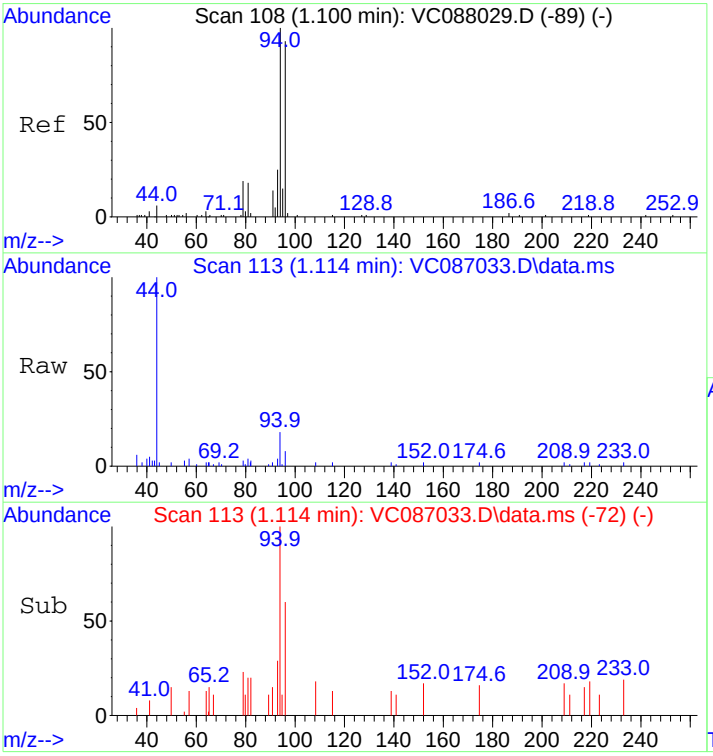
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	554768	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	905217	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	474294	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	451710	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	233859	25.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%				
49) TOLUENE SS	5.489	98	821160	24.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	381075	24.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.08%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.114	94	1992	Below Cal		#	75
23) METHYLENE CHLORIDE	1.763	49	5322	0.43	UG/L		98
24) CARBON DISULFIDE	1.621	76	2668	0.12	UG/L	#	100
26) TRANS 1,2-DICHLOROETHENE	1.936	61	3553	0.18	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	370843	16.18	UG/L		95
40) CHLOROFORM	3.043	83	4774	0.22	UG/L	#	53
51) TRICHLOROETHENE	4.262	95	49209	3.42	UG/L		98
66) TETRACHLOROETHENE	6.080	166	317164	21.23	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087033.D
Acq On : 28 Mar 2012 4:18 am
Operator :
Sample : 12C0706-02 Inst : GCMSVOA3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 29 12:34:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

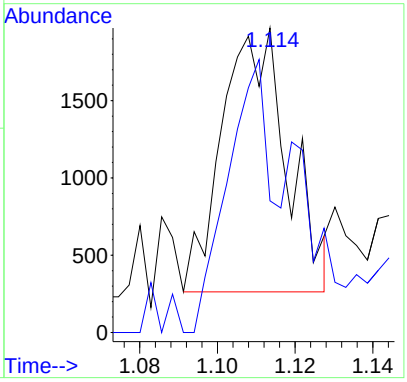


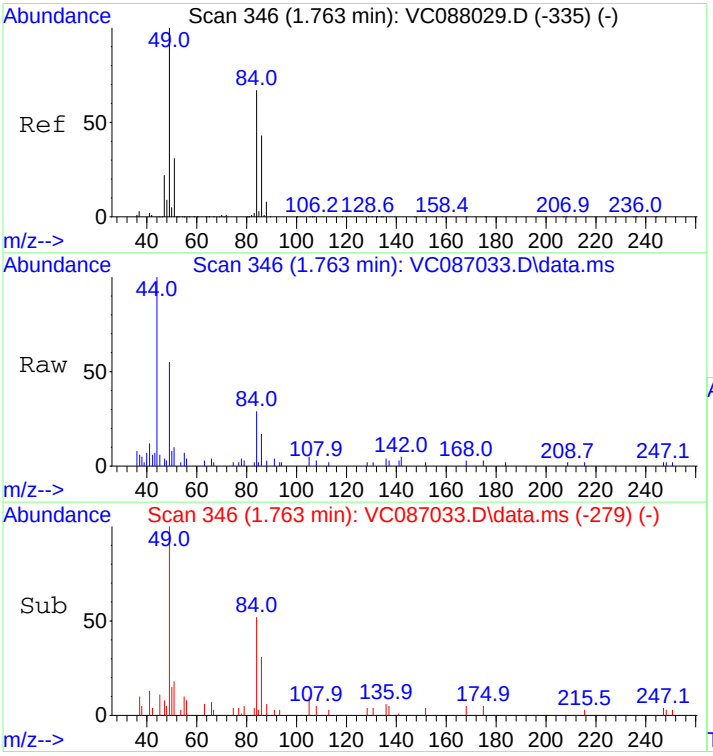


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.114 min Scan# 113
Delta R.T. 0.015 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 94 Resp: 1992

Ion	Ratio	Lower	Upper
94	100		
96	69.8	75.5	113.3#

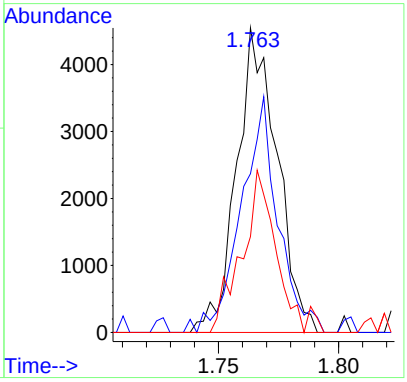


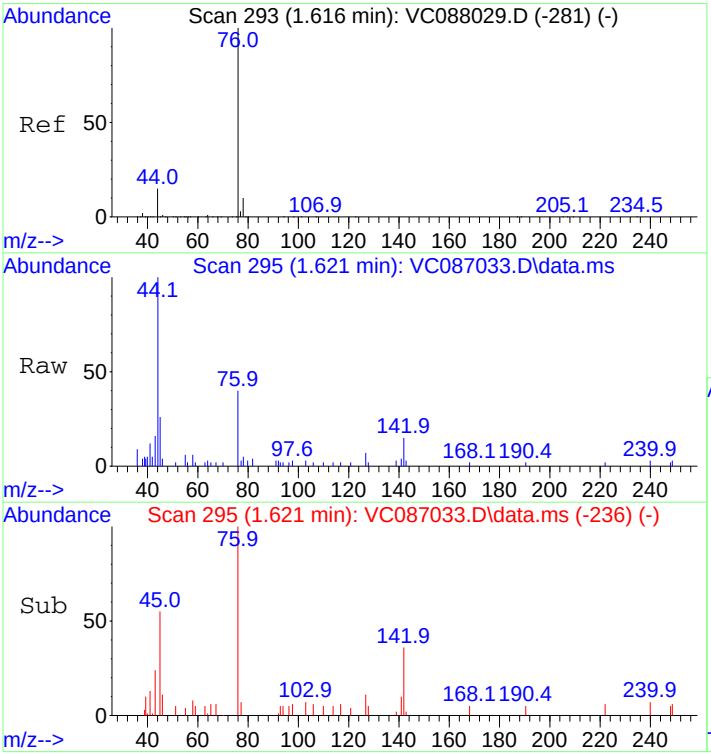


#23
METHYLENE CHLORIDE
Concen: 0.43 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 49 Resp: 5322

Ion	Ratio	Lower	Upper
49	100		
84	70.6	57.0	85.6
86	44.0	36.7	55.1

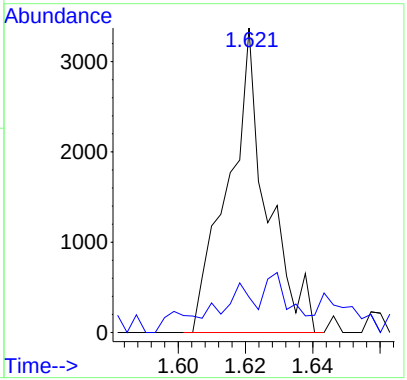


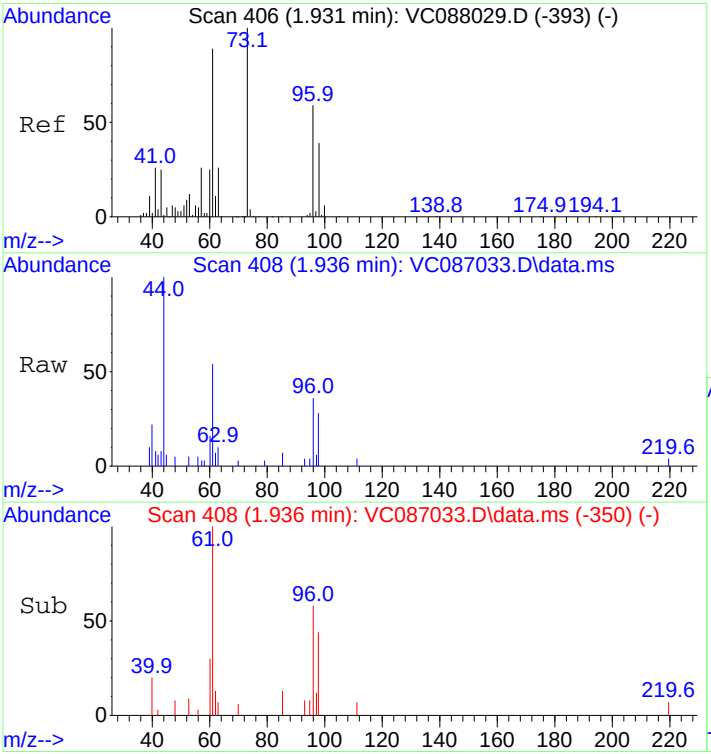


#24
CARBON DISULFIDE
Concen: 0.12 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 76 Resp: 2668

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

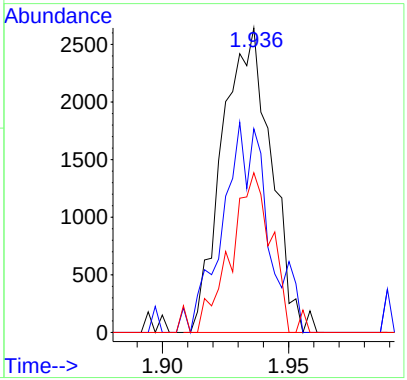


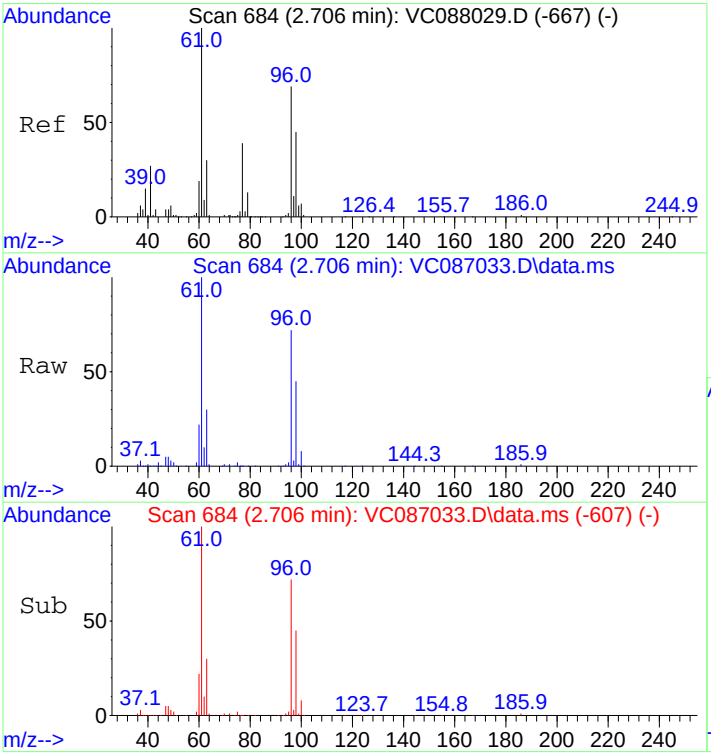


#26
TRANS 1,2-DICHLOROETHENE
Concen: 0.18 UG/L
RT: 1.936 min Scan# 408
Delta R.T. 0.006 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 61 Resp: 3553

Ion	Ratio	Lower	Upper
61	100		
96	65.0	55.0	82.4
98	43.1	35.4	53.0

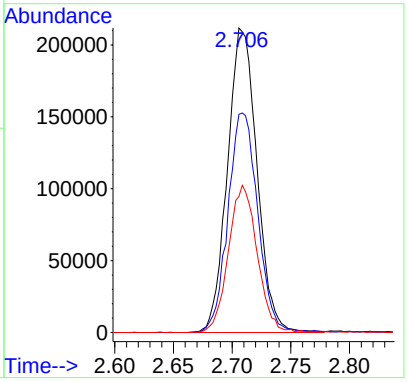


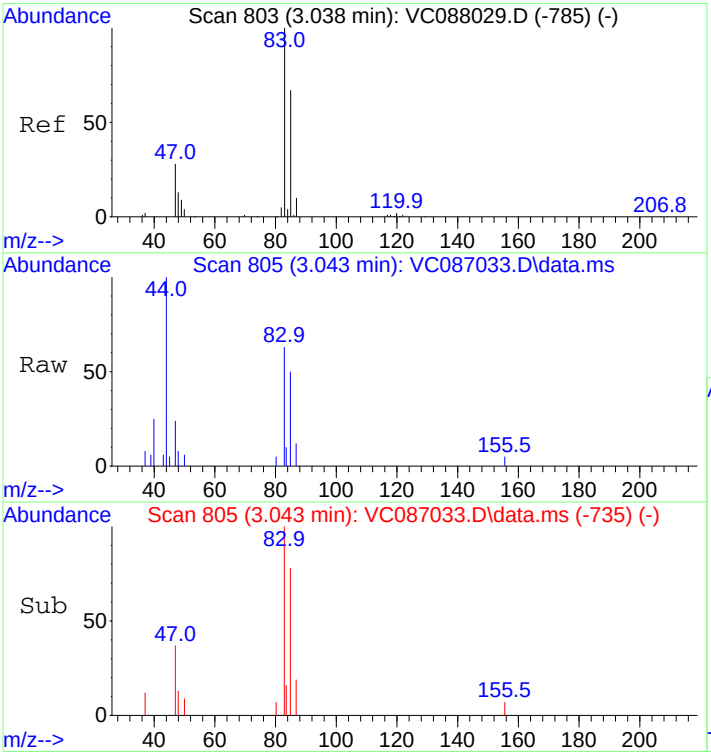


#33
CIS-1,2-DICHLOROETHENE
Concen: 16.18 UG/L
RT: 2.706 min Scan# 684
Delta R.T. 0.000 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 61 Resp: 370843

Ion	Ratio	Lower	Upper
61	100		
96	72.7	54.6	81.8
98	47.0	35.3	52.9

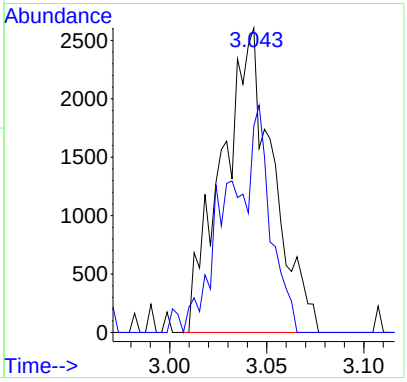


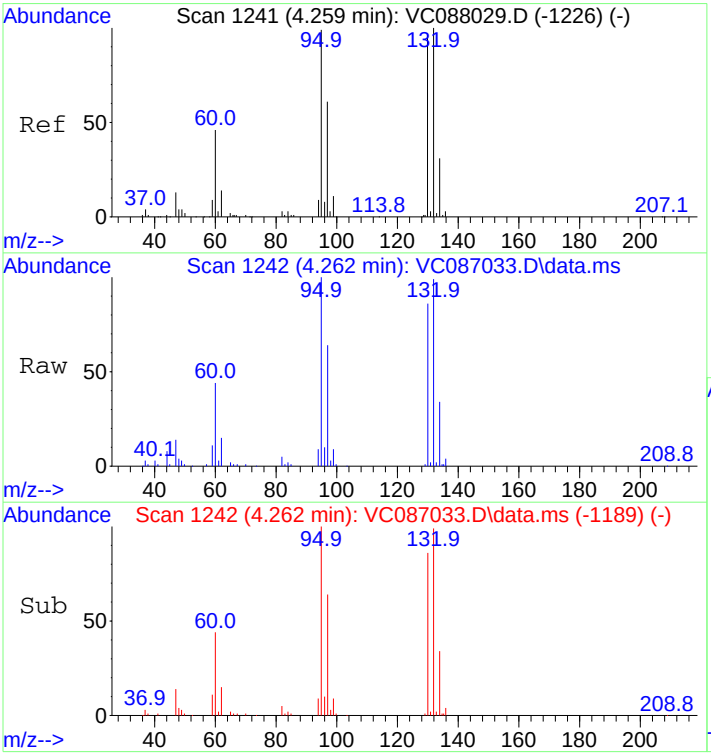


#40
CHLOROFORM
Concen: 0.22 UG/L
RT: 3.043 min Scan# 805
Delta R.T. 0.006 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 83 Resp: 4774

Ion	Ratio	Lower	Upper
83	100		
85	27.6	51.6	77.4#

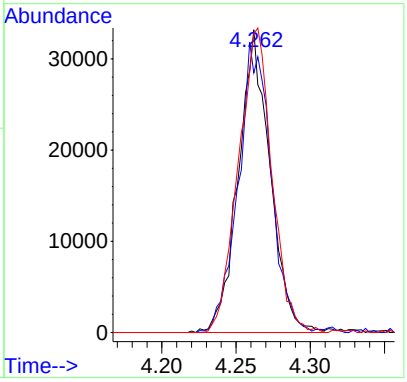


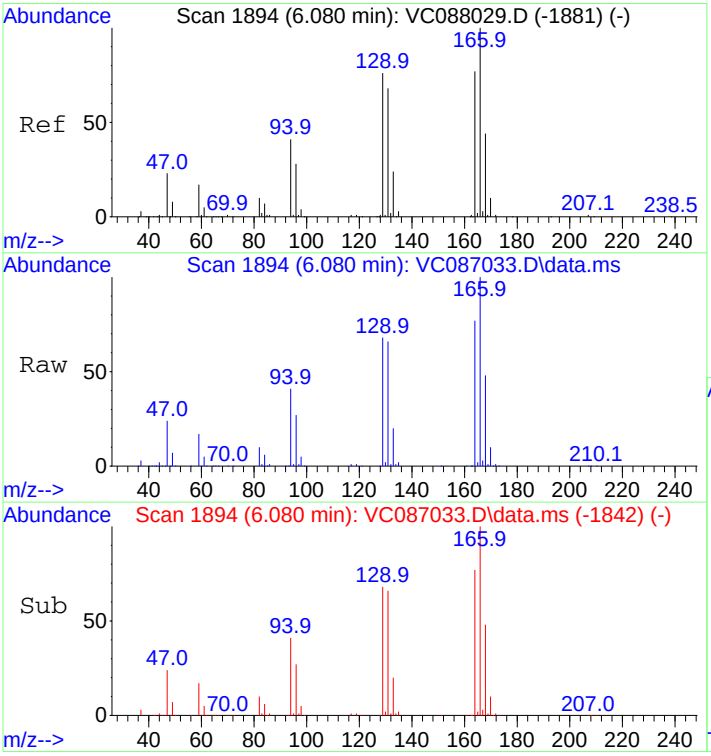


#51
TRICHLOROETHENE
Concen: 3.42 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion: 95 Resp: 49209

Ion	Ratio	Lower	Upper
95	100		
130	99.3	82.4	123.6
132	106.5	84.7	127.1

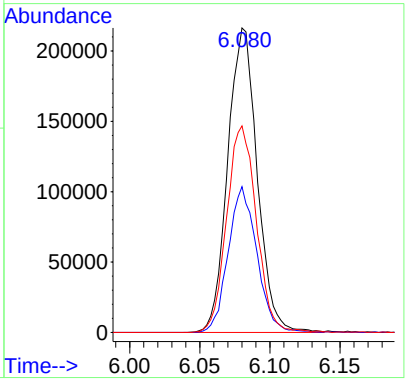




#66
TETRACHLOROETHENE
Concen: 21.23 UG/L
RT: 6.080 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VC087033.D
Acq: 28 Mar 2012 4:18 am

Tgt Ion:166 Resp: 317164

Ion	Ratio	Lower	Upper
166	100		
168	46.6	38.1	57.1
129	68.2	56.0	84.0



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1 - FORM I
ANALYSIS DATA SHEET

MW22A-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-03	File ID:	VC087034.D
Sampled:	03/21/12 09:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW22A-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-03	File ID:	VC087034.D
Sampled:	03/21/12 09:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	1.5	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-05, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW22A-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-03	File ID:	VC087034.D
Sampled:	03/21/12 09:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	R-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	2.0	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	1.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

MW22A-March2012

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-03	File ID:	VC087034.D
Sampled:	03/21/12 09:53	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 04:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087034.D
Acq On : 28 Mar 2012 4:48 am
Operator :
Sample : 12C0706-03 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

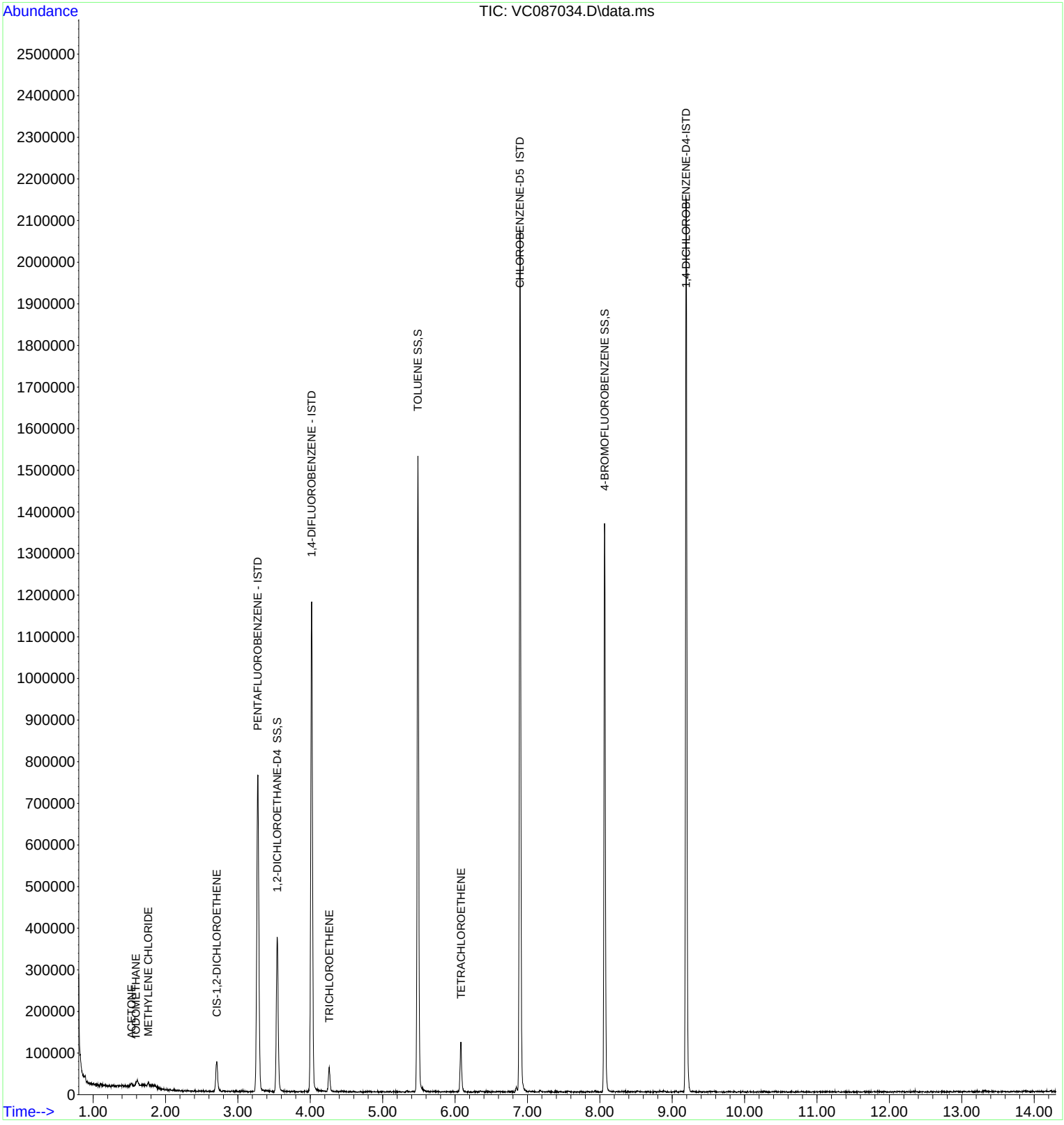
Quant Time: Mar 29 12:35:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

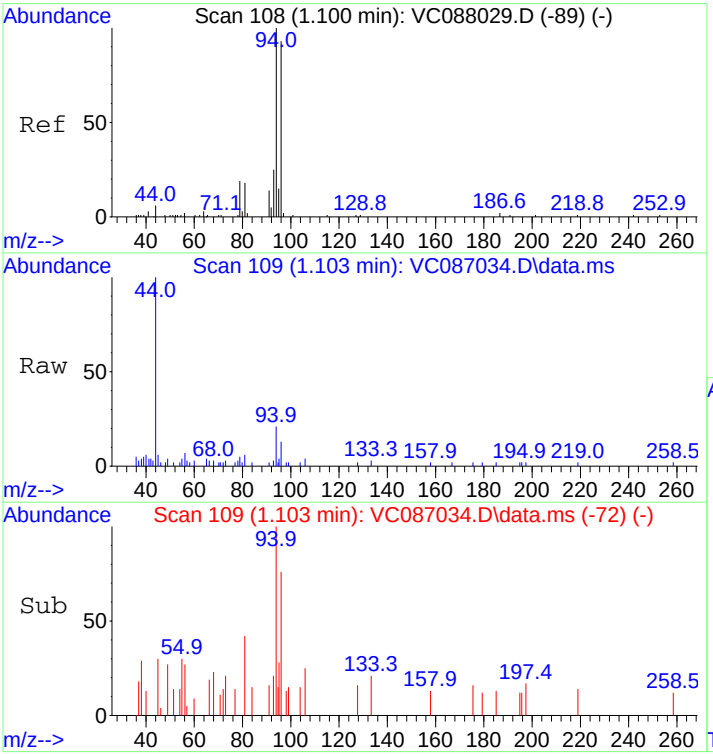
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	569522	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	918492	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	488878	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	473764	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	239189	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
49) TOLUENE SS	5.486	98	836776	24.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.20%				
71) 4-BROMOFLUOROBENZENE SS	8.069	95	387397	24.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%				
Target Compounds							Qvalue
7) BROMOMETHANE	1.103	94	1280	Below Cal		#	76
14) ACETONE	1.532	43	6192	2.79	UG/L	#	67
17) IODOMETHANE	1.593	142	3891	0.29	UG/L	#	69
23) METHYLENE CHLORIDE	1.763	49	3500	0.27	UG/L		95
33) CIS-1,2-DICHLOROETHENE	2.709	61	35250	1.50	UG/L	#	89
51) TRICHLOROETHENE	4.262	95	16176	1.11	UG/L		95
65) 2-HEXANONE	6.348	43	538	Below Cal		#	21
66) TETRACHLOROETHENE	6.083	166	30058	1.98	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087034.D
Acq On : 28 Mar 2012 4:48 am
Operator :
Sample : 12C0706-03 Inst : GCMSVOA3
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 29 12:35:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

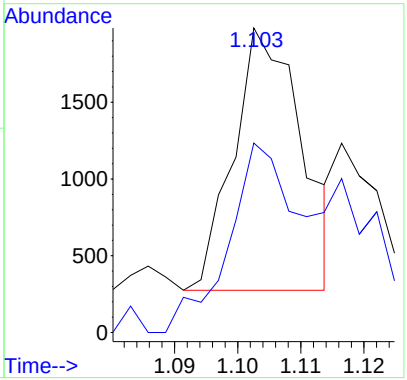


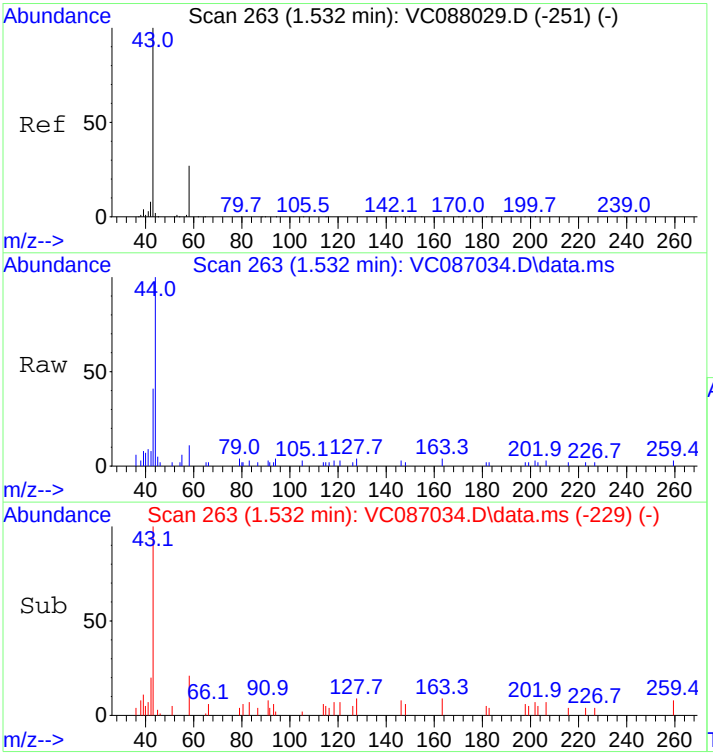


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.103 min Scan# 109
Delta R.T. 0.004 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 94 Resp: 1280

Ion	Ratio	Lower	Upper
94	100		
96	70.8	75.5	113.3#

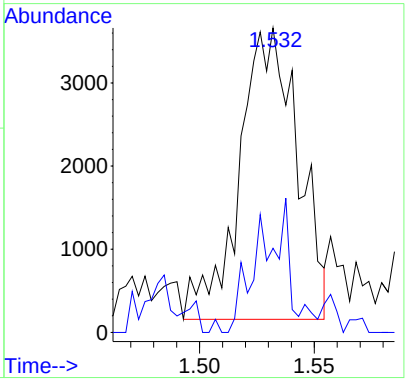


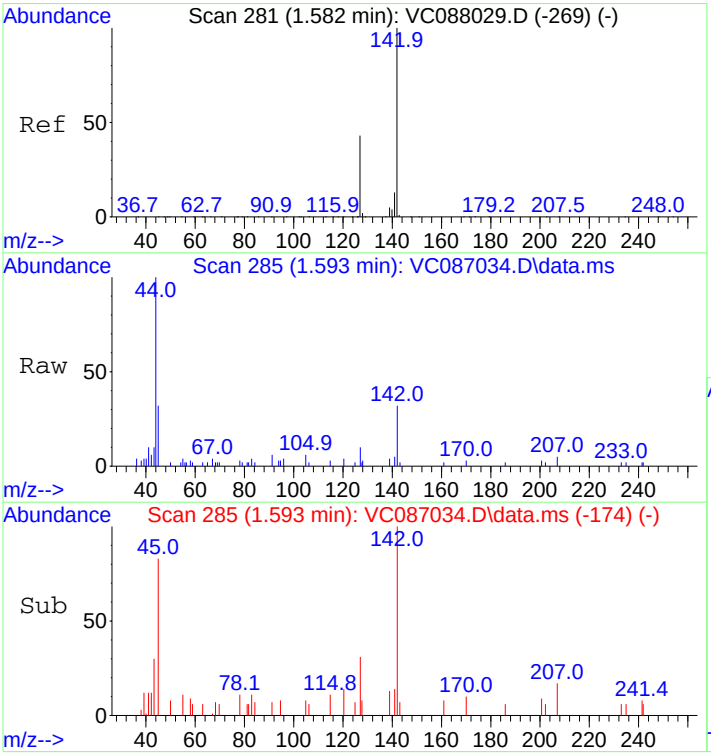


#14
ACETONE
Concen: 2.79 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.000 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 43 Resp: 6192

Ion	Ratio	Lower	Upper
43	100		
58	11.9	23.8	35.8#

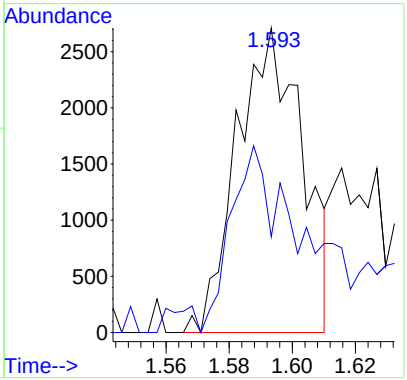


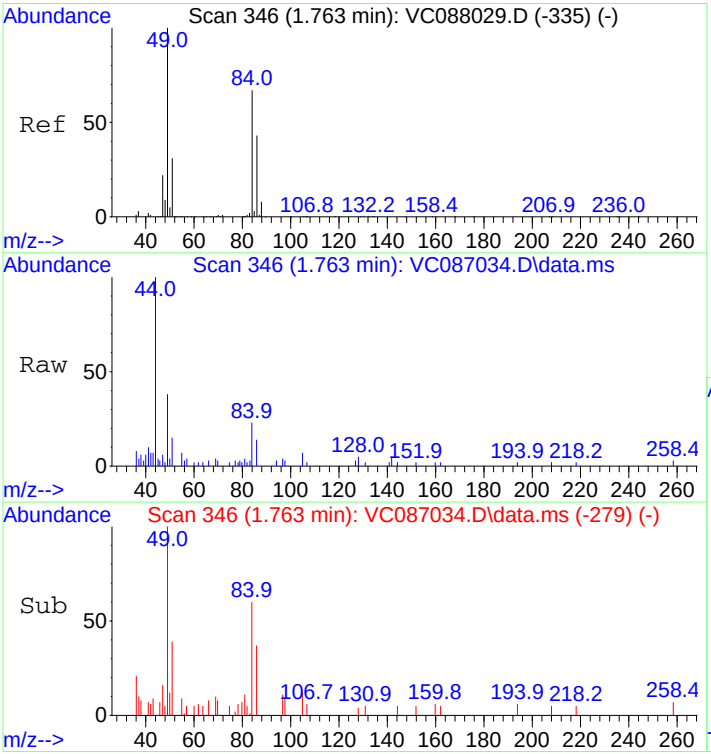


#17
IODOMETHANE
Concen: 0.29 UG/L
RT: 1.593 min Scan# 285
Delta R.T. 0.009 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion:142 Resp: 3891

Ion	Ratio	Lower	Upper
142	100		
127	66.5	36.8	55.2#

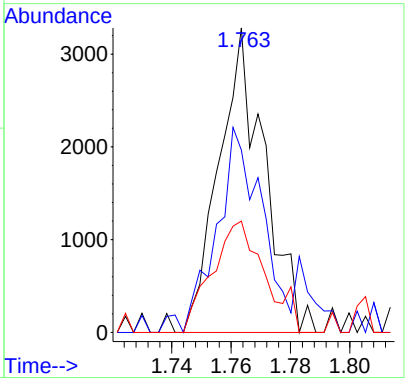


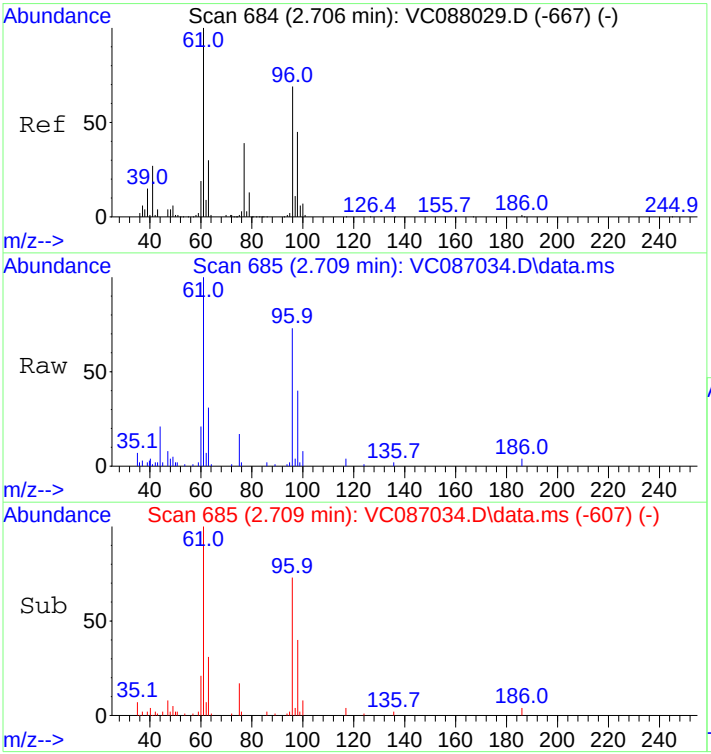


#23
METHYLENE CHLORIDE
Concen: 0.27 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 49 Resp: 3500

Ion	Ratio	Lower	Upper
49	100		
84	67.4	57.0	85.6
86	42.2	36.7	55.1

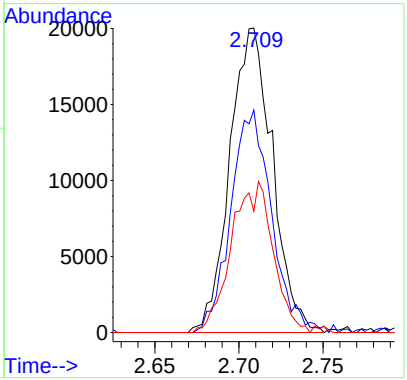


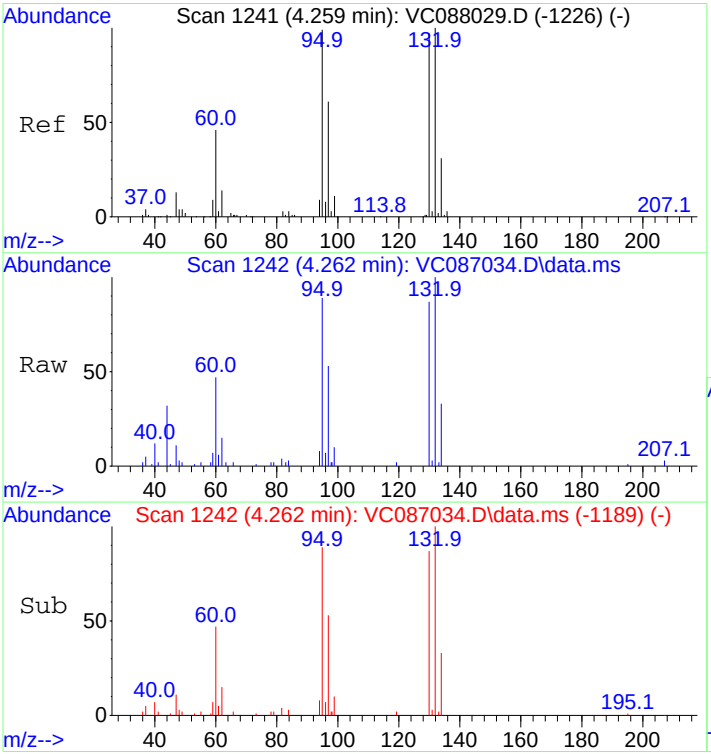


#33
CIS-1,2-DICHLOROETHENE
Concen: 1.50 UG/L
RT: 2.709 min Scan# 685
Delta R.T. 0.003 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 61 Resp: 35250

Ion	Ratio	Lower	Upper
61	100		
96	70.2	54.6	81.8
98	27.8	35.3	52.9#

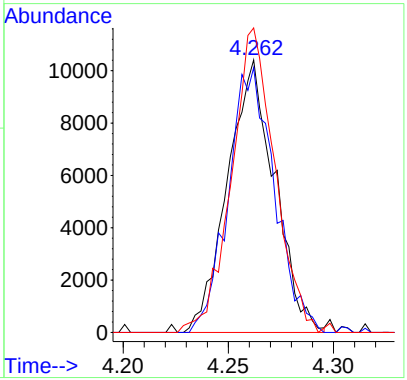


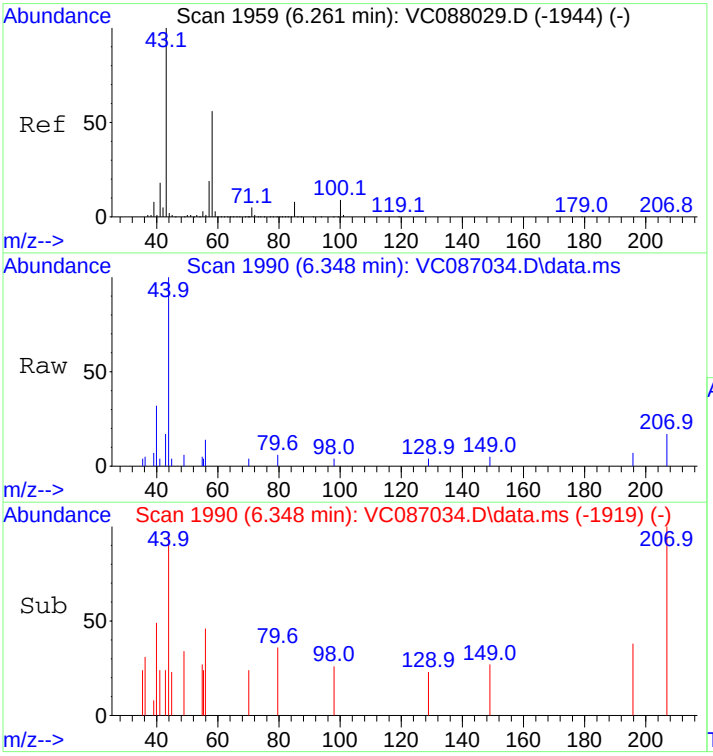


#51
TRICHLOROETHENE
Concen: 1.11 UG/L
RT: 4.262 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 95 Resp: 16176

Ion	Ratio	Lower	Upper
95	100		
130	95.7	82.4	123.6
132	103.3	84.7	127.1

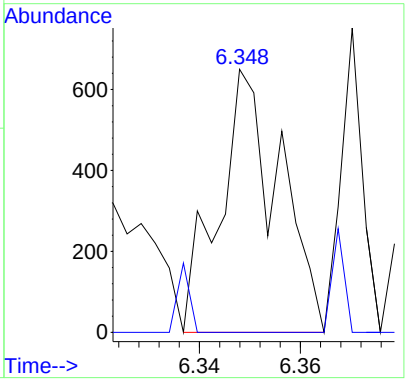


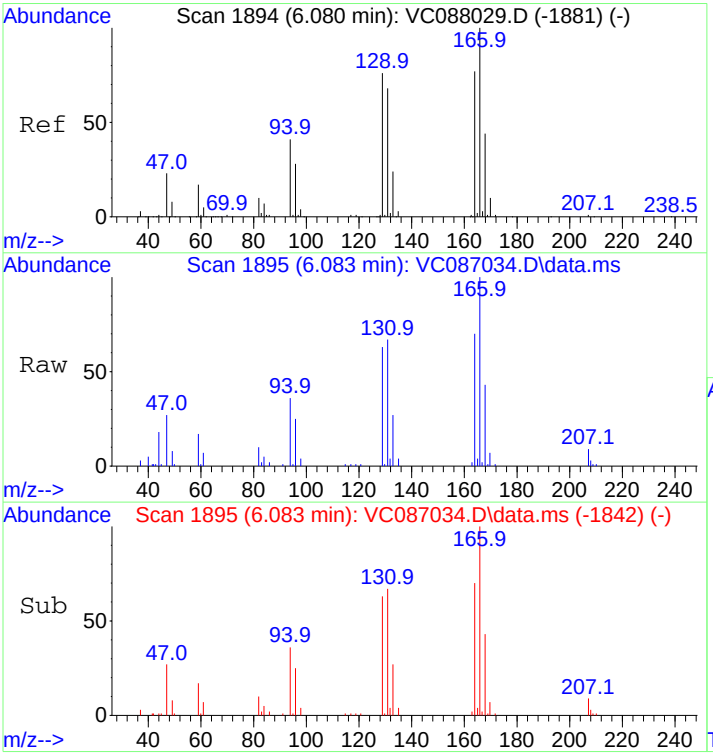


#65
2-HEXANONE
Concen: Below Cal
RT: 6.348 min Scan# 1990
Delta R.T. 0.087 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion: 43 Resp: 538

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#

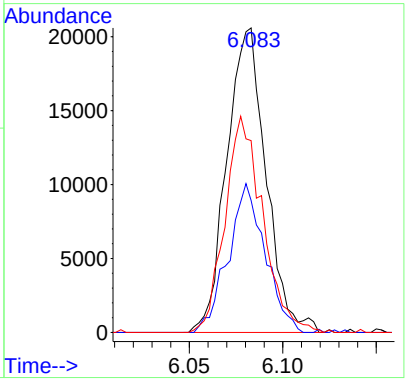




#66
TETRACHLOROETHENE
Concen: 1.98 UG/L
RT: 6.083 min Scan# 1895
Delta R.T. 0.003 min
Lab File: VC087034.D
Acq: 28 Mar 2012 4:48 am

Tgt Ion:166 Resp: 30058

Ion	Ratio	Lower	Upper
166	100		
168	46.1	38.1	57.1
129	68.4	56.0	84.0



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

RB12321

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04	File ID:	VC087032.D
Sampled:	03/21/12 11:30	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 03:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

RB12321

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04	File ID:	VC087032.D
Sampled:	03/21/12 11:30	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 03:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-05, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

RB12321

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04	File ID:	VC087032.D
Sampled:	03/21/12 11:30	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 03:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	R-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

RB12321

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04	File ID:	VC087032.D
Sampled:	03/21/12 11:30	Prepared:	03/27/12 14:04	Analyzed:	03/28/12 03:47
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087032.D
Acq On : 28 Mar 2012 3:47 am
Operator :
Sample : 12C0706-04 Inst : GCMSVOA3
Misc :
ALS Vial : 32 Sample Multiplier: 1

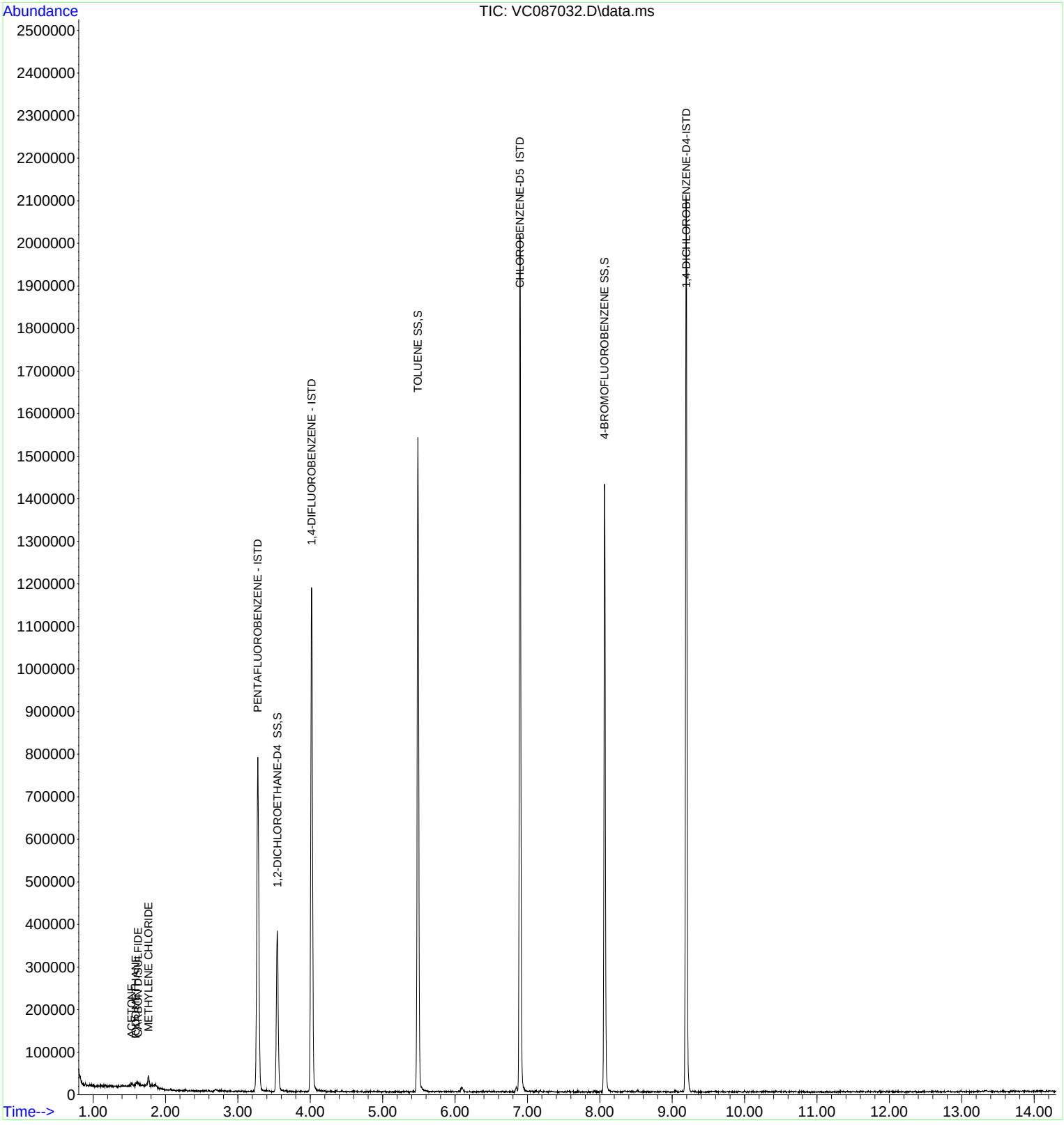
Quant Time: Mar 29 12:33:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

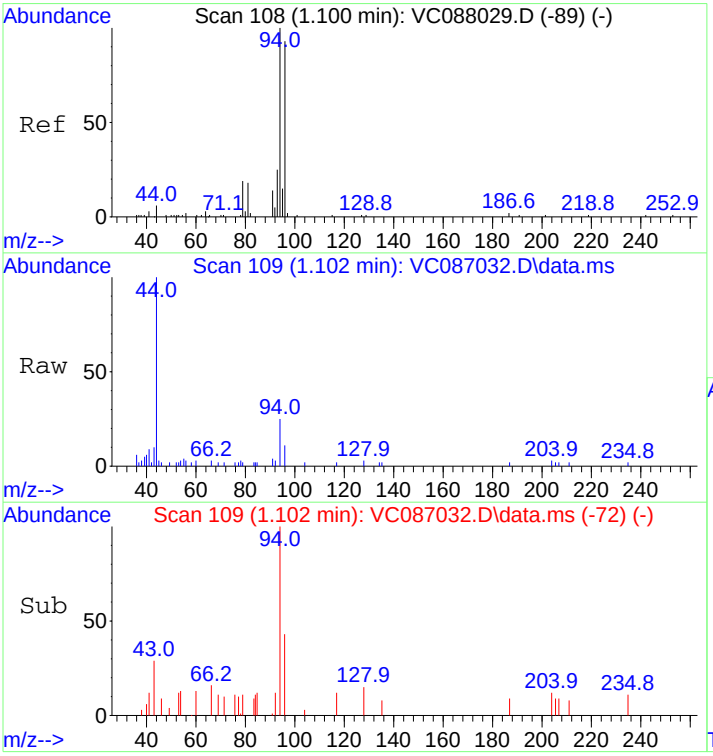
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.275	168	567850	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	927373	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	493921	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	484268	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	245853	26.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.08%			
49) TOLUENE SS	5.486	98	855875	24.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	396018	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.102	94	1383	Below Cal	#	61
14) ACETONE	1.532	43	6982	3.15	UG/L #	62
17) IODOMETHANE	1.591	142	5215	0.39	UG/L	96
23) METHYLENE CHLORIDE	1.766	49	8432	0.66	UG/L	97
24) CARBON DISULFIDE	1.621	76	2496	0.11	UG/L #	100
65) 2-HEXANONE	6.273	43	624	Below Cal	#	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087032.D
Acq On : 28 Mar 2012 3:47 am
Operator :
Sample : 12C0706-04 Inst : GCMSVOA3
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Mar 29 12:33:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

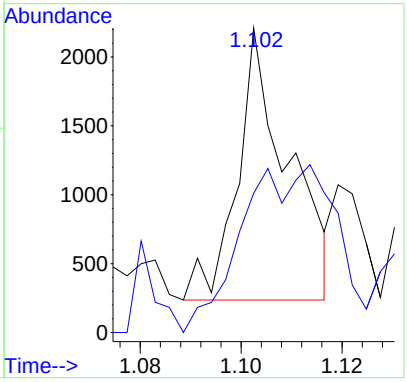


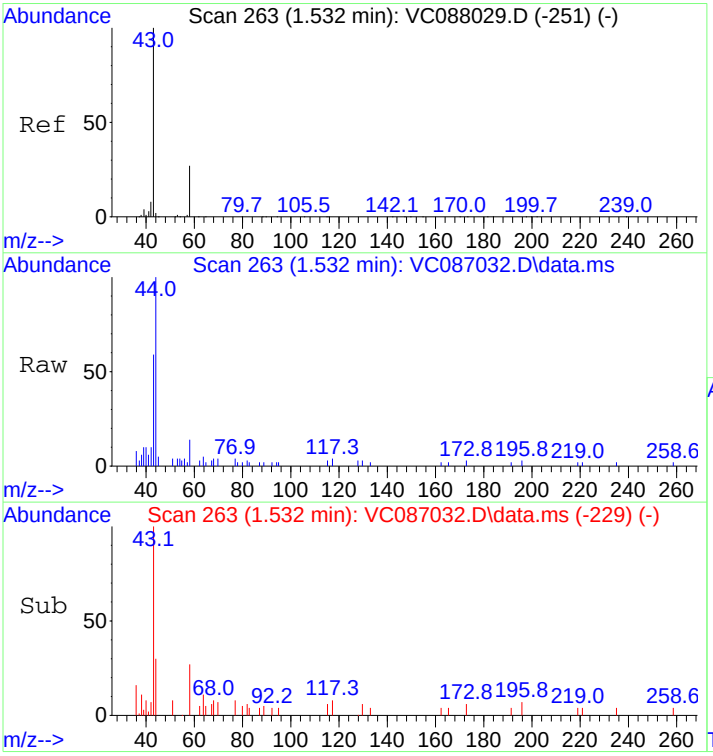


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.102 min Scan# 109
Delta R.T. 0.003 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion: 94 Resp: 1383

Ion	Ratio	Lower	Upper
94	100		
96	56.4	75.5	113.3#

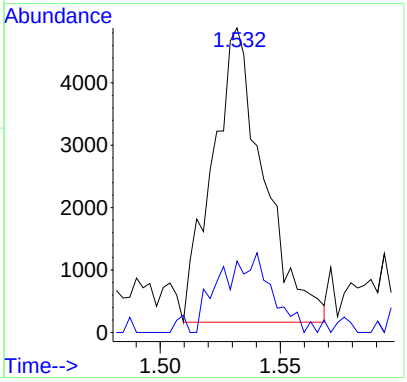


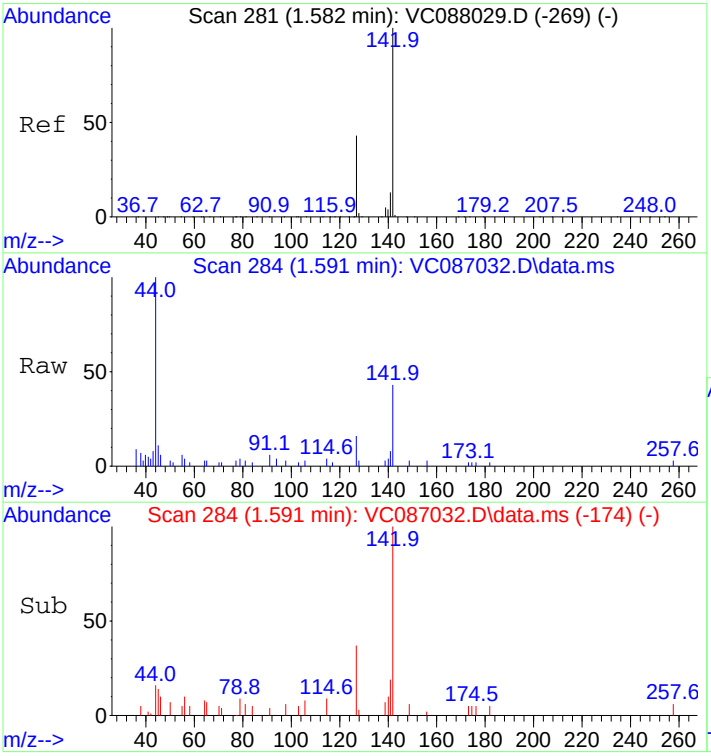


#14
ACETONE
Concen: 3.15 UG/L
RT: 1.532 min Scan# 263
Delta R.T. 0.000 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion: 43 Resp: 6982

Ion	Ratio	Lower	Upper
43	100		
58	9.1	23.8	35.8#

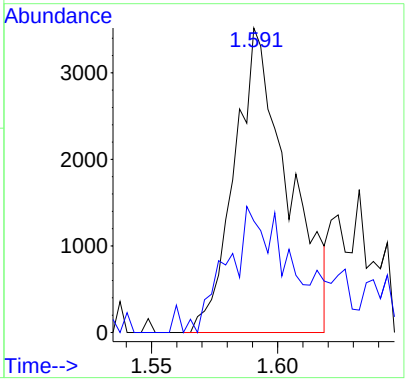


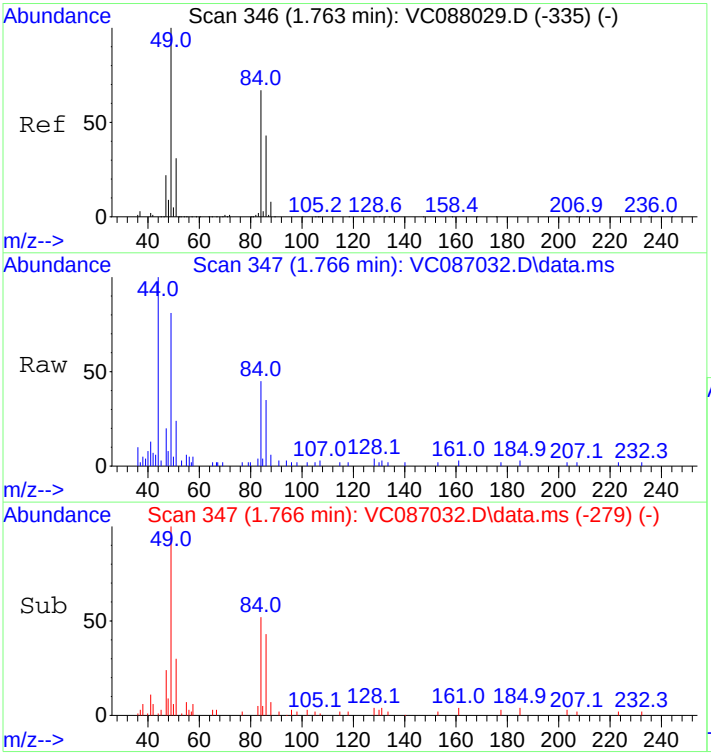


#17
IODOMETHANE
Concen: 0.39 UG/L
RT: 1.591 min Scan# 284
Delta R.T. 0.006 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion:142 Resp: 5215

Ion	Ratio	Lower	Upper
142	100		
127	43.5	36.8	55.2

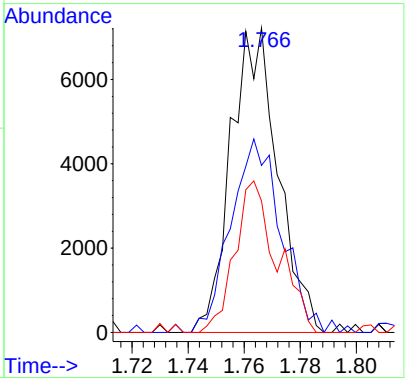


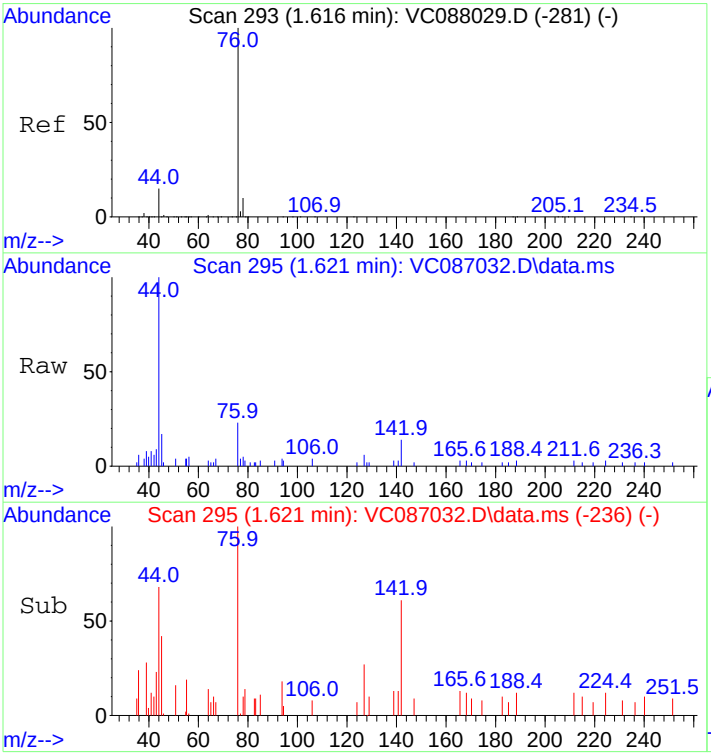


#23
METHYLENE CHLORIDE
Concen: 0.66 UG/L
RT: 1.766 min Scan# 347
Delta R.T. 0.000 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion: 49 Resp: 8432

Ion	Ratio	Lower	Upper
49	100		
84	68.9	57.0	85.6
86	44.6	36.7	55.1

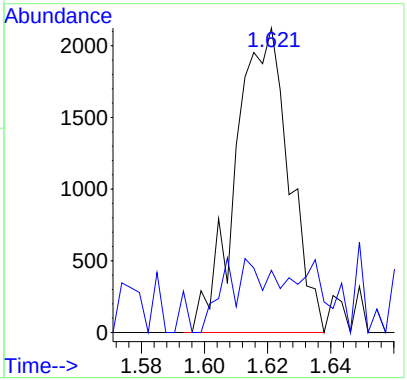


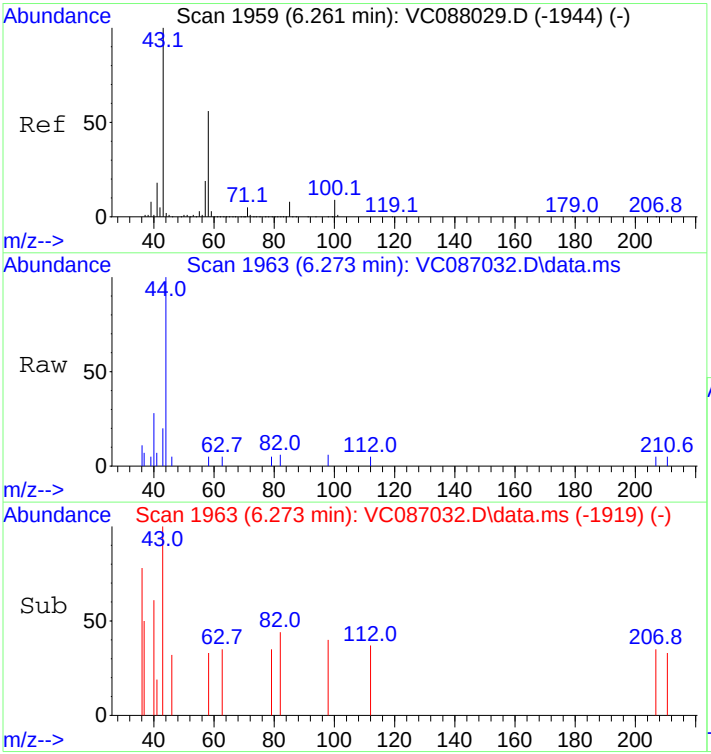


#24
CARBON DISULFIDE
Concen: 0.11 UG/L
RT: 1.621 min Scan# 295
Delta R.T. 0.000 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion: 76 Resp: 2496

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	0.0

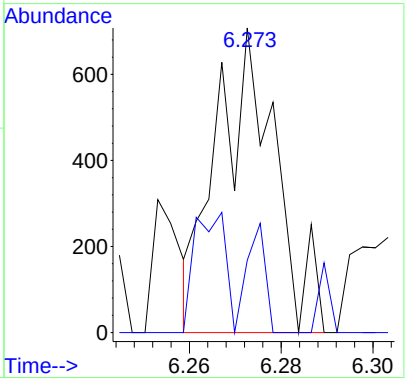




#65
2-HEXANONE
Concen: Below Cal
RT: 6.273 min Scan# 1963
Delta R.T. 0.012 min
Lab File: VC087032.D
Acq: 28 Mar 2012 3:47 am

Tgt Ion: 43 Resp: 624

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12C0706-01	103	96.7	97.9
12C0706-02	101	98.1	97.8
12C0706-03	101	96.7	98.2
12C0706-04	104	97.9	99.5
B048653-BLK1	101	97.4	99.2
B048653-BS1	101	100	102
B048653-BSD1	101	102	99.2

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	103	103		70 - 160
Acrylonitrile	10.0	8.94	89.4		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103		70 - 130
Benzene	10.0	10.0	100		70 - 130
Bromobenzene	10.0	10.0	100		70 - 130
Bromochloromethane	10.0	10.4	104		70 - 130
Bromodichloromethane	10.0	9.56	95.6		70 - 130
Bromoform	10.0	12.0	120		70 - 130
Bromomethane	10.0	4.62	46.2		40 - 160
2-Butanone (MEK)	100	90.8	90.8		40 - 160
tert-Butyl Alcohol (TBA)	100	69.0	69.0		40 - 160
n-Butylbenzene	10.0	9.46	94.6		70 - 130
sec-Butylbenzene	10.0	10.6	106		70 - 130
tert-Butylbenzene	10.0	10.4	104		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.4	104		70 - 130
Carbon Disulfide	10.0	9.96	99.6		70 - 130
Carbon Tetrachloride	10.0	9.79	97.9		70 - 130
Chlorobenzene	10.0	10.6	106		70 - 130
Chlorodibromomethane	10.0	10.6	106		70 - 130
Chloroethane	10.0	8.86	88.6		70 - 130
Chloroform	10.0	10.6	106		70 - 130
Chloromethane	10.0	9.29	92.9		40 - 160
2-Chlorotoluene	10.0	10.3	103		70 - 130
4-Chlorotoluene	10.0	10.7	107		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.34	83.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	10.0	100		70 - 130
Dibromomethane	10.0	9.84	98.4		70 - 130
1,2-Dichlorobenzene	10.0	10.5	105		70 - 130
1,3-Dichlorobenzene	10.0	10.3	103		70 - 130
1,4-Dichlorobenzene	10.0	9.66	96.6		70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.60	66.0	*	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.95	79.5		40 - 160
1,1-Dichloroethane	10.0	10.4	104		70 - 130
1,2-Dichloroethane	10.0	9.89	98.9		70 - 130
1,1-Dichloroethylene	10.0	9.89	98.9		70 - 130
cis-1,2-Dichloroethylene	10.0	9.62	96.2		70 - 130
trans-1,2-Dichloroethylene	10.0	9.86	98.6		70 - 130
1,2-Dichloropropane	10.0	9.99	99.9		70 - 130
1,3-Dichloropropane	10.0	9.86	98.6		70 - 130
2,2-Dichloropropane	10.0	8.65	86.5		40 - 130
1,1-Dichloropropene	10.0	10.1	101		70 - 130
cis-1,3-Dichloropropene	10.0	9.48	94.8		70 - 130
trans-1,3-Dichloropropene	10.0	10.8	108		70 - 130
Diethyl Ether	10.0	9.77	97.7		70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106		70 - 130
1,4-Dioxane	100	70.4	70.4		40 - 130
Ethylbenzene	10.0	10.1	101		70 - 130
Hexachlorobutadiene	10.0	9.67	96.7		70 - 130
2-Hexanone (MBK)	100	20.5	20.5	*	70 - 160
Isopropylbenzene (Cumene)	10.0	10.9	109		70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.2	102		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108		70 - 130
Methylene Chloride	10.0	11.9	119		70 - 130
4-Methyl-2-pentanone (MIBK)	100	85.3	85.3		70 - 160
Naphthalene	10.0	7.34	73.4		40 - 130
n-Propylbenzene	10.0	10.7	107		70 - 130
Styrene	10.0	10.5	105		70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.0	100		70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.0	100		70 - 130
Tetrachloroethylene	10.0	9.93	99.3		70 - 130
Tetrahydrofuran	10.0	7.52	75.2		70 - 130
Toluene	10.0	10.1	101		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	7.56	75.6	70 - 130
1,2,4-Trichlorobenzene	10.0	7.71	77.1	70 - 130
1,3,5-Trichlorobenzene	10.0	8.47	84.7	70 - 130
1,1,1-Trichloroethane	10.0	9.91	99.1	70 - 130
1,1,2-Trichloroethane	10.0	10.0	100	70 - 130
Trichloroethylene	10.0	9.55	95.5	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.51	95.1	70 - 130
1,2,3-Trichloropropane	10.0	9.93	99.3	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.6	106	70 - 130
1,2,4-Trimethylbenzene	10.0	9.68	96.8	70 - 130
1,3,5-Trimethylbenzene	10.0	9.88	98.8	70 - 130
Vinyl Chloride	10.0	8.19	81.9	40 - 160
m+p Xylene	20.0	20.3	102	70 - 130
o-Xylene	10.0	10.8	108	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	101	101	1.26	25	70 - 160
Acrylonitrile	10.0	10.4	104	14.9	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.4	104	0.677	25	70 - 130
Benzene	10.0	9.67	96.7	3.65	25	70 - 130
Bromobenzene	10.0	9.86	98.6	1.71	25	70 - 130
Bromochloromethane	10.0	10.2	102	1.55	25	70 - 130
Bromodichloromethane	10.0	9.48	94.8	0.840	25	70 - 130
Bromoform	10.0	12.9	129	7.48	25	70 - 130
Bromomethane	10.0	5.01	50.1	8.10	25	40 - 160
2-Butanone (MEK)	100	103	103	12.7	25	40 - 160
tert-Butyl Alcohol (TBA)	100	102	102	38.5	25	40 - 160
n-Butylbenzene	10.0	9.61	96.1	1.57	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.5	105	1.23	25	70 - 130
tert-Butylbenzene	10.0	10.4	104	0.386	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.5	105	1.15	25	70 - 130
Carbon Disulfide	10.0	9.06	90.6	9.46	25	70 - 130
Carbon Tetrachloride	10.0	9.33	93.3	4.81	25	70 - 130
Chlorobenzene	10.0	10.5	105	0.944	25	70 - 130
Chlorodibromomethane	10.0	10.9	109	2.32	25	70 - 130
Chloroethane	10.0	8.16	81.6	8.23	25	70 - 130
Chloroform	10.0	10.1	101	4.74	25	70 - 130
Chloromethane	10.0	8.60	86.0	7.71	25	40 - 160
2-Chlorotoluene	10.0	10.4	104	0.193	25	70 - 130
4-Chlorotoluene	10.0	10.6	106	0.562	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.1	101	19.4	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.4	104	3.33	25	70 - 130
Dibromomethane	10.0	10.4	104	5.53	25	70 - 130
1,2-Dichlorobenzene	10.0	10.7	107	2.07	25	70 - 130
1,3-Dichlorobenzene	10.0	10.2	102	0.488	25	70 - 130
1,4-Dichlorobenzene	10.0	9.74	97.4	0.825	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.13	81.3	20.8	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.73	77.3	2.81	25	40 - 160
1,1-Dichloroethane	10.0	9.96	99.6	4.71	25	70 - 130
1,2-Dichloroethane	10.0	10.2	102	2.79	25	70 - 130
1,1-Dichloroethylene	10.0	8.88	88.8	10.8	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.18	91.8	4.68	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.44	94.4	4.35	25	70 - 130
1,2-Dichloropropane	10.0	9.69	96.9	3.05	25	70 - 130
1,3-Dichloropropane	10.0	10.2	102	3.19	25	70 - 130
2,2-Dichloropropane	10.0	8.60	86.0	0.580	25	40 - 130
1,1-Dichloropropene	10.0	9.97	99.7	1.49	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.66	96.6		1.88	25	70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114		5.38	25	70 - 130
Diethyl Ether	10.0	9.24	92.4		5.58	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106		0.849	25	70 - 130
1,4-Dioxane	100	90.0	90.0		24.5	50	40 - 130
Ethylbenzene	10.0	9.83	98.3		2.81	25	70 - 130
Hexachlorobutadiene	10.0	10.1	101		4.75	25	70 - 130
2-Hexanone (MBK)	100	47.0	47.0	*	78.6	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.8	108		0.554	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.1	101		0.988	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.1	111		2.01	25	70 - 130
Methylene Chloride	10.0	10.7	107		10.2	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	98.5	98.5		14.4	25	70 - 160
Naphthalene	10.0	9.56	95.6		26.3	25	40 - 130
n-Propylbenzene	10.0	10.6	106		0.564	25	70 - 130
Styrene	10.0	10.3	103		1.63	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.1	101		1.29	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.0	110		9.39	25	70 - 130
Tetrachloroethylene	10.0	9.75	97.5		1.83	25	70 - 130
Tetrahydrofuran	10.0	10.1	101		29.5	25	70 - 130
Toluene	10.0	9.86	98.6		2.21	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.74	97.4		25.2	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.11	91.1		16.6	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.66	86.6		2.22	25	70 - 130
1,1,1-Trichloroethane	10.0	9.70	97.0		2.14	25	70 - 130
1,1,2-Trichloroethane	10.0	9.91	99.1		0.904	25	70 - 130
Trichloroethylene	10.0	9.37	93.7		1.90	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.67	86.7		9.24	25	70 - 130
1,2,3-Trichloropropane	10.0	10.9	109		9.68	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B048653	Laboratory ID:	B048653-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.57	95.7	10.2	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.73	97.3	0.515	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.83	98.3	0.507	25	70 - 130
Vinyl Chloride	10.0	7.46	74.6	9.33	25	40 - 160
m+p Xylene	20.0	20.0	99.8	1.74	25	70 - 130
o-Xylene	10.0	10.7	107	0.838	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048653-BLK1	Batch:	B048653

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B048653-BSD1	VC087027.D	01:16
LCS	B048653-BS1	VC087026.D	00:46
RB12321	12C0706-04	VC087032.D	03:47
MW22A-March2012	12C0706-03	VC087034.D	04:48
Dec-MW3-March2012	12C0706-02	VC087033.D	04:18
TB12321-04	12C0706-01	VC087030.D	02:47

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Lab File ID:	VC087023.D	Injection Date:	03/27/12
Instrument ID:	GCMSVOA3	Injection Time:	23:16
Sequence:	S002053	Lab Sample ID:	S002053-TUN1

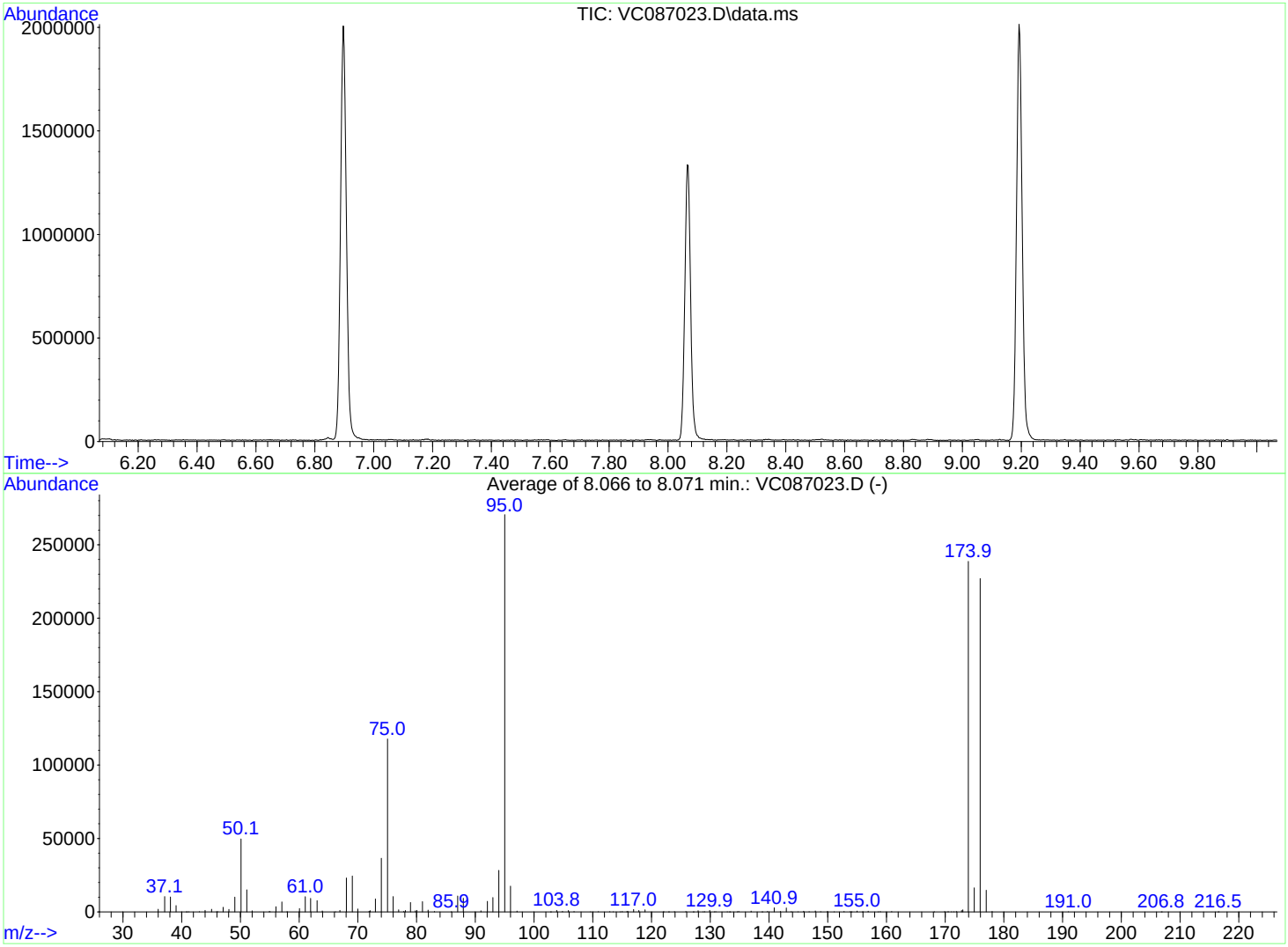
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.4	PASS
75	30 - 60% of 95	43.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0.61	PASS
174	50 - 200% of 95	88.2	PASS
175	5 - 9% of 174	6.87	PASS
176	95 - 101% of 174	95.1	PASS
177	5 - 9% of 176	6.5	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S002053-CCV1	VC087024.D	03/27/2012	23:46:00
LCS	B048653-BS1	VC087026.D	03/28/2012	0:46:00
LCS Dup	B048653-BSD1	VC087027.D	03/28/2012	1:16:00
Blank	B048653-BLK1	VC087029.D	03/28/2012	2:17:00
TB12321-04	12C0706-01	VC087030.D	03/28/2012	2:47:00
RB12321	12C0706-04	VC087032.D	03/28/2012	3:47:00
Dec-MW3-March2012	12C0706-02	VC087033.D	03/28/2012	4:18:00
MW22A-March2012	12C0706-03	VC087034.D	03/28/2012	4:48:00

Data Path : X:\1\DATA\032712\
Data File : VC087023.D
Acq On : 27 Mar 2012 11:16 pm
Operator :
Sample : S002053-TUN1 @ BFB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: 8260B.P

Method : X:\1\METHODS\C0327W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



Spectrum Information: Average of 8.066 to 8.071 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	49701	PASS
75	95	30	60	43.5	117805	PASS
95	95	100	100	100.0	270528	PASS
96	95	5	9	6.5	17571	PASS
173	174	0.00	2	0.6	1456	PASS
174	95	50	100	88.2	238720	PASS
175	174	5	9	6.9	16399	PASS
176	174	95	101	95.1	226965	PASS
177	176	5	9	6.5	14763	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4		0.5		1		2		5	0.278018	10	0.2404372
Ethyl Methacrylate	0.4	0.4302164	0.5	0.4255975	1	0.4864113	2	0.4579894	5	0.5650756	10	0.5105463
Acetone	4		5	0.1174041	10	0.1344256	20	0.1112114	50	0.130097	100	0.1141008
Acrolein	4	0.0660997	5	6.628261E-02	10	0.0699391	20	0.0585118	50	6.369964E-02	100	6.098458E-02
Acrylonitrile	0.4	0.3084117	0.5	0.2930636	1	0.3217821	2	0.2559391	5	0.3049094	10	0.2528068
tert-Amyl Methyl Ether (TAME)	0.4	1.450633	0.5	1.442766	1	1.596919	2	1.422596	5	1.666403	10	1.608059
Benzene	0.4	2.535294	0.5	2.781146	1	2.818718	2	2.672322	5	2.880318	10	2.973856
Bromobenzene	0.4	1.318997	0.5	1.416735	1	1.500476	2	1.471318	5	1.541254	10	1.540305
Bromochloromethane	0.4	0.6549733	0.5	0.6860479	1	0.7679443	2	0.7232909	5	0.7574081	10	0.7940052
Bromodichloromethane	0.4	0.4567657	0.5	0.4413995	1	0.4957824	2	0.5246891	5	0.5626283	10	0.574816
Bromoform	0.4	0.2622055	0.5	0.2911956	1	0.3189401	2	0.2902	5	0.3626716	10	0.3800948
Bromomethane	0.4	0.714273	0.5	0.8378828	1	0.6228624	2	0.4685538	5	0.3839926	10	
2-Butanone (MEK)	4	0.2899793	5	0.2632995	10	0.3335527	20	0.2704936	50	0.3665282	100	0.2907012
tert-Butyl Alcohol (TBA)	4		5		10	3.701993E-02	20	2.503833E-02	50	3.869319E-02	100	2.576001E-02
n-Butylbenzene	0.4		0.5		1	1.815234	2	1.891029	5	2.329053	10	2.443173
sec-Butylbenzene	0.4	2.342631	0.5	2.745114	1	2.784179	2	2.937266	5	3.019388	10	3.240202
tert-Butylbenzene	0.4	1.885021	0.5	2.103408	1	2.246773	2	2.209938	5	2.283225	10	2.377269
tert-Butyl Ethyl Ether (TBEE)	0.4	1.728123	0.5	1.785623	1	1.972153	2	1.846917	5	2.075168	10	2.03301
Carbon Disulfide	4	1.027062	5	1.202912	10	1.166668	20	1.228788	50	1.193489	100	1.350159
Carbon Tetrachloride	0.4		0.5		1		2	0.6920932	5	0.7448938	10	0.8323865
Chlorobenzene	0.4	2.076705	0.5	2.283272	1	2.357082	2	2.330601	5	2.485378	10	2.464657
Chlorodibromomethane	0.4	~~0.2604842~~	0.5	0.2992515	1	0.3640187	2	0.3280439	5	0.3960234	10	0.4095259
Chloroethane	0.4	0.2552696	0.5	0.2837972	1	0.2948019	2	0.2912769	5	0.2544289	10	0.2781278
2-Chloroethyl Vinyl Ether	4		5	0.1792969	10	0.2268523	20	0.1948515	50	0.2465375	100	0.2091104
Chloroform	0.4	1.00622	0.5	1.077693	1	1.182828	2	1.172346	5	1.24058	10	1.304622
Chloromethane	0.4	0.5726499	0.5	0.6514385	1	0.5465035	2	0.5505548	5	0.5371822	10	0.5914842

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	2.101551	0.5	2.473766	1	2.654197	2	2.539049	5	2.623088	10	2.693332
4-Chlorotoluene	0.4	2.47892	0.5	2.764163	1	2.915111	2	2.85336	5	2.968909	10	3.082835
Cyclohexane	0.4		0.5		1		2		5	1.298264	10	1.282477
1,2-Dibromo-3-chloropropane (D	0.4		0.5		1	7.834325E-02	2	5.838195E-02	5	0.1025591	10	8.535756E-02
1,2-Dibromoethane (EDB)	0.4	0.3885556	0.5	0.3996369	1	0.4337697	2	0.3943845	5	0.4577469	10	0.4187216
Dibromomethane	0.4	0.272924	0.5	0.2863418	1	0.2907535	2	0.291625	5	0.3189552	10	0.2975992
1,2-Dichlorobenzene	0.4	1.281972	0.5	1.361805	1	1.617749	2	1.604297	5	1.667385	10	1.711196
1,3-Dichlorobenzene	0.4	1.534833	0.5	1.640127	1	1.730969	2	1.594132	5	1.7304	10	1.75733
1,4-Dichlorobenzene	0.4	1.703617	0.5	1.796913	1	1.938345	2	1.797802	5	1.892953	10	1.912729
trans-1,4-Dichloro-2-butene	0.4	0.1972011	0.5	0.1851733	1	0.2640422	2	0.1776177	5	0.2632053	10	0.2334909
Dichlorodifluoromethane (Freon	0.4	0.7459976	0.5	0.7427627	1	0.7881936	2	0.7229437	5	0.7595904	10	0.7974089
1,1-Dichloroethane	0.4	1.129371	0.5	1.221377	1	1.283735	2	1.232418	5	1.307094	10	1.383072
1,2-Dichloroethane	0.4	0.5823325	0.5	0.6260861	1	0.7011308	2	0.6786403	5	0.7060333	10	0.6903255
1,1-Dichloroethylene	0.4	0.6595245	0.5	0.7668777	1	0.6755218	2	0.7324259	5	0.6850832	10	0.778481
cis-1,2-Dichloroethylene	0.4	1.084795	0.5	1.241697	1	1.238598	2	1.246307	5	1.317303	10	1.343652
trans-1,2-Dichloroethylene	0.4	0.9791804	0.5	1.065747	1	1.13113	2	1.069191	5	1.122217	10	1.178811
Dichlorofluoromethane (Freon 2	0.4	0.862589	0.5	0.8394458	1	0.8523351	2	0.8235885	5	0.7463078	10	0.8832036
1,2-Dichloropropane	0.4	0.4142701	0.5	0.4547325	1	0.494327	2	0.4593231	5	0.475117	10	0.4745107
1,3-Dichloropropane	0.4	0.5982788	0.5	0.6168447	1	0.6799393	2	0.6314153	5	0.698361	10	0.6722933
2,2-Dichloropropane	0.4	0.7559032	0.5	0.7725715	1	0.7928317	2	0.7778336	5	0.8495067	10	0.8430824
1,1-Dichloropropene	0.4	0.8192186	0.5	0.9255228	1	0.9725862	2	0.9285871	5	0.9454909	10	0.9916862
cis-1,3-Dichloropropene	0.4	0.4967567	0.5	0.5532837	1	0.6148028	2	0.5924317	5	0.6835718	10	0.6985115
trans-1,3-Dichloropropene	0.4	0.4042515	0.5	0.4210826	1	0.462806	2	0.4432167	5	0.5302933	10	0.5419607
Diethyl Ether	0.4	0.3302308	0.5	0.3523462	1	0.3369973	2	0.3484105	5	0.3400253	10	0.3546745
Difluorochloromethane (Freon 2	0.4	0.9585661	0.5	1.039734	1	1.018119	2	1.021833	5	1.096899	10	1.121578
Diisopropyl Ether (DIPE)	0.4	2.271725	0.5	2.493106	1	2.460906	2	2.437618	5	2.618975	10	2.605847

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	4		5		10		20		50	3.670217E-03	100	2.32679E-03
Ethyl Acetate	0.4		0.5	0.8518382	1	0.8941345	2	0.7096419	5	0.9513027	10	0.8027569
Ethylbenzene	0.4	3.30929	0.5	3.704929	1	4.040551	2	3.924757	5	4.088348	10	4.237533
Hexachlorobutadiene	0.4		0.5		1	0.2828556	2	0.289051	5	0.3618874	10	0.382522
2-Hexanone (MBK)	4		5		10		20		50	0.3348013	100	0.2584164
Iodomethane	4		5		10		20	0.6680886	50	0.6527106	100	0.8606168
Isopropylbenzene (Cumene)	0.4	2.812225	0.5	2.988979	1	3.312173	2	3.367374	5	3.524626	10	3.582493
p-Isopropyltoluene (p-Cymene)	0.4	2.096395	0.5	2.459034	1	2.571142	2	2.47704	5	2.699605	10	2.812392
Methyl Acetate	0.4		0.5		1	0.369973	2	0.3182544	5	0.3666128	10	0.3589073
Methyl tert-Butyl Ether (MTBE)	0.4	1.467633	0.5	1.397662	1	1.681706	2	1.428472	5	1.690351	10	1.577612
Methyl Cyclohexane	0.4	0.4266264	0.5	0.5212564	1	0.5134953	2	0.4872955	5	0.5069597	10	0.5372568
Methylene Chloride	0.4		0.5		1		2		5	0.7519303	10	0.7823518
4-Methyl-2-pentanone (MIBK)	4		5		10	0.4730574	20	0.3863348	50	0.5127249	100	0.4020855
Naphthalene	0.4		0.5		1		2	0.0627336	5	0.868284	10	0.7954718
n-Propylbenzene	0.4	3.005832	0.5	3.50193	1	3.80805	2	3.836124	5	4.055819	10	4.182111
Styrene	0.4	1.958416	0.5	2.239506	1	2.405326	2	2.433121	5	2.644269	10	2.703404
1,1,1,2-Tetrachloroethane	0.4		0.5	0.6040746	1	0.7016283	2	0.6208422	5	0.7150729	10	0.7612853
1,1,2,2-Tetrachloroethane	0.4	0.7941171	0.5	0.8199771	1	0.9055823	2	0.8349157	5	0.9797435	10	0.8725284
Tetrachloroethylene	0.4	0.4555134	0.5	0.5026325	1	0.5230084	2	0.4758911	5	0.4939427	10	0.5210214
Tetrahydrofuran	0.4		0.5		1		2	0.1683824	5	0.2321725	10	0.1703925
Toluene	0.4	1.697238	0.5	1.765034	1	1.989129	2	1.945113	5	1.997846	10	2.011766
1,2,3-Trichlorobenzene	0.4		0.5		1		2	5.418912E-02	5	0.4381988	10	0.3841915
1,2,4-Trichlorobenzene	0.4		0.5		1	8.257275E-02	2	0.1356952	5	0.5945329	10	0.5730076
1,3,5-Trichlorobenzene	0.4	0.2934007	0.5	0.212042	1	0.6106739	2	0.6418203	5	0.9627934	10	1.01913
1,1,1-Trichloroethane	0.4	0.9639205	0.5	0.9811211	1	1.020947	2	0.995924	5	1.05183	10	1.117509
1,1,2-Trichloroethane	0.4	0.3776186	0.5	0.3523013	1	0.4015387	2	0.414338	5	0.4335202	10	0.4160445

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4486674	0.5	0.4852079	1	0.4937946	2	0.4658545	5	0.4912423	10	0.5008547
Trichlorofluoromethane (Freon 1	0.4	0.671438	0.5	0.8003707	1	0.7826505	2	0.8183533	5	0.7570519	10	0.8973441
1,2,3-Trichloropropane	0.4	0.6212927	0.5	0.5535244	1	0.7680381	2	0.6809268	5	0.7834085	10	0.6909019
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.3287583	0.5	0.3999062	1	0.3976319	2	0.3969433	5	0.360222	10	0.4229307
1,2,4-Trimethylbenzene	0.4	2.469298	0.5	2.662774	1	2.998647	2	2.942762	5	3.079063	10	3.172154
1,3,5-Trimethylbenzene	0.4	2.442199	0.5	2.613178	1	2.930216	2	2.978512	5	3.189262	10	3.251428
Vinyl Acetate	4	1.476079	5	1.467685	10	1.73186	20	1.514827	50	1.783791	100	1.587975
Vinyl Chloride	0.4	0.5260669	0.5	0.6595885	1	0.5754068	2	0.5926771	5	0.5952559	10	0.6498035
m+p Xylene	0.8	2.475951	1	2.861938	2	3.001684	4	3.025047	10	3.145803	20	3.159022
o-Xylene	0.4	2.628774	0.5	2.870718	1	2.997292	2	2.92714	5	3.121712	10	3.169303
1,2-Dichloroethane-d4	25	0.5032765	25	0.4872023	25	0.4988669	25	0.4877041	25	0.5049009	25	0.5013983
Toluene-d8	25	1.10892	25	1.121687	25	1.116924	25	1.121732	25	1.125327	25	1.096053
4-Bromofluorobenzene	25	0.960636	25	0.9776111	25	0.9667565	25	0.9862647	25	0.9876268	25	0.9713371

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.3320428	50	0.278885	200	0.2756194						
Ethyl Methacrylate	20	0.6185488	50	0.5366308	200	0.4749659						
Acetone	200	0.1303521	500	0.1042986	2000	9.358218E-02						
Acrolein	200	6.380563E-02	500	6.484466E-02	2000	5.665213E-02						
Acrylonitrile	20	0.3127791	50	0.2517097	200	0.2135737						
tert-Amyl Methyl Ether (TAME)	20	1.846758	50	1.55979	200	1.467686						
Benzene	20	2.954425	50	2.686557	200	2.362853						
Bromobenzene	20	1.586795	50	1.437085	200	1.240297						
Bromochloromethane	20	0.8026105	50	0.7289425	200	0.6014047						
Bromodichloromethane	20	0.6318223	50	0.60525	200	0.5860097						
Bromoform	20		50		200							
Bromomethane	20		50		200							
2-Butanone (MEK)	200	0.3849366	500	0.2865783	2000							
tert-Butyl Alcohol (TBA)	200	4.270822E-02	500	2.564687E-02	2000	2.516726E-02						
n-Butylbenzene	20	2.514318	50	2.287721	200	2.038325						
sec-Butylbenzene	20	3.16708	50	2.912513	200	2.563821						
tert-Butylbenzene	20	2.352882	50	2.163141	200	1.941543						
tert-Butyl Ethyl Ether (TBEE)	20	2.239821	50	1.948783	200	1.760068						
Carbon Disulfide	200	1.212141	500		2000							
Carbon Tetrachloride	20	0.8702834	50	0.8812843	200	0.8905315						
Chlorobenzene	20	2.551576	50	2.276833	200	1.97222						
Chlorodibromomethane	20		50		200							
Chloroethane	20	0.2057433	50	0.2385647	200							
2-Chloroethyl Vinyl Ether	200	0.2646015	500		2000							
Chloroform	20	1.32284	50	1.227528	200	1.143673						
Chloromethane	20	0.5987047	50	0.440599	200	0.4491653						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.728617	50	2.463462	200	2.118877						
4-Chlorotoluene	20	3.140327	50	2.840377	200	2.362857						
Cyclohexane	20	1.273137	50	1.164844	200	1.042638						
1,2-Dibromo-3-chloropropane (D	20	0.1303117	50	0.1084084	200	0.1171206						
1,2-Dibromoethane (EDB)	20	0.4846648	50	0.4055923	200	0.3711793						
Dibromomethane	20	0.3346619	50	0.2881063	200	0.2596541						
1,2-Dichlorobenzene	20	1.758422	50	1.585058	200	1.431012						
1,3-Dichlorobenzene	20	1.791842	50	1.651652	200	1.474178						
1,4-Dichlorobenzene	20	1.962745	50	1.754343	200	1.496076						
trans-1,4-Dichloro-2-butene	20	0.3429357	50	0.2907348	200	0.2912218						
Dichlorodifluoromethane (Freon	20	0.7802113	50	0.4944631	200							
1,1-Dichloroethane	20	1.37071	50	1.26233	200	1.139051						
1,2-Dichloroethane	20	0.7421131	50	0.6524531	200	0.5905201						
1,1-Dichloroethylene	20	0.7103825	50	0.6772429	200	0.581814						
cis-1,2-Dichloroethylene	20	1.383205	50	1.231136	200	1.065961						
trans-1,2-Dichloroethylene	20	1.173722	50	1.062204	200	0.8796058						
Dichlorofluoromethane (Freon 2	20	0.7493159	50	0.8174905	200	0.7209403						
1,2-Dichloropropane	20	0.490247	50	0.4541053	200	0.4048335						
1,3-Dichloropropane	20	0.7305734	50	0.6276845	200	0.5597114						
2,2-Dichloropropane	20	0.9552811	50	0.7952856	200	0.7598397						
1,1-Dichloropropene	20	1.002665	50	0.9160156	200	0.8145222						
cis-1,3-Dichloropropene	20	0.7673619	50	0.7043868	200	0.638891						
trans-1,3-Dichloropropene	20		50		200							
Diethyl Ether	20	0.3600693	50	0.3544624	200	0.3198977						
Difluorochloromethane (Freon 2	20	1.09045	50	0.8465832	200	0.6982991						
Diisopropyl Ether (DIPE)	20	2.624028	50	2.332409	200	1.669985						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.980811E-03	500	2.583268E-03	2000	2.448595E-03						
Ethyl Acetate	20	1.015229	50	0.7274766	200	0.6663405						
Ethylbenzene	20	4.310555	50	3.862016	200	3.240408						
Hexachlorobutadiene	20	0.4144216	50	0.3770727	200	0.3617105						
2-Hexanone (MBK)	200	0.3519481	500	0.255895	2000	0.1877306						
Iodomethane	200	0.7623923	500	0.6183899	2000							
Isopropylbenzene (Cumene)	20	3.68328	50	3.353653	200	2.855108						
p-Isopropyltoluene (p-Cymene)	20	2.791241	50	2.552646	200	2.148461						
Methyl Acetate	20	0.4064009	50	0.2961368	200	0.3452043						
Methyl tert-Butyl Ether (MTBE)	20	1.84938	50	1.501127	200	1.286263						
Methyl Cyclohexane	20	0.5445752	50	0.5052559	200	0.4651912						
Methylene Chloride	20	0.683034	50	0.6185756	200	0.5368883						
4-Methyl-2-pentanone (MIBK)	200	0.5086085	500	0.3710767	2000							
Naphthalene	20	1.852173	50	1.516062	200	1.67554						
n-Propylbenzene	20	4.280116	50	3.871927	200	3.284087						
Styrene	20	2.817726	50	2.555075	200	2.103492						
1,1,1,2-Tetrachloroethane	20	0.8475864	50	0.8233203	200	0.7937408						
1,1,2,2-Tetrachloroethane	20	1.08621	50	0.8493745	200	0.7459835						
Tetrachloroethylene	20	0.5476162	50	0.4911701	200	0.444832						
Tetrahydrofuran	20	0.2268939	50	0.1722432	200	0.1611592						
Toluene	20	2.063689	50	1.82799	200	1.559587						
1,2,3-Trichlorobenzene	20	0.7453881	50	0.6194715	200	0.6522201						
1,2,4-Trichlorobenzene	20	0.9137237	50	0.8185799	200	0.8289246						
1,3,5-Trichlorobenzene	20	1.133488	50	1.06282	200	0.9885261						
1,1,1-Trichloroethane	20	1.148768	50	1.103358	200	1.078442						
1,1,2-Trichloroethane	20	0.4631469	50	0.3983487	200	0.3544063						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1200043 Instrument: GCMSVOA3

Calibration Date: 3/27/2012 11:27:23AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.5053131	50	0.4677697	200	0.4273452						
Trichlorofluoromethane (Freon 1	20	0.7604942	50	0.7658878	200	0.6779						
1,2,3-Trichloropropane	20	0.8237143	50	0.6599396	200	0.5802613						
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.3888797	50	0.3735941	200	0.3354303						
1,2,4-Trimethylbenzene	20	3.187038	50	2.908509	200	2.494313						
1,3,5-Trimethylbenzene	20	3.342962	50	3.031352	200	2.496417						
Vinyl Acetate	200	1.814135	500	1.336089	2000							
Vinyl Chloride	20	0.6264855	50	0.5130549	200	0.4490464						
m+p Xylene	40	3.231103	100	2.867957	400							
o-Xylene	20	3.227373	50	2.906039	200	2.419016						
1,2-Dichloroethane-d4	25	0.5033865	25	0.5015461	25	0.5046034						
Toluene-d8	25	1.11741	25	1.109607	25	1.10307						
4-Bromofluorobenzene	25	0.9932155	25	1.005758	25	0.9982363						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200043	Instrument:	GCMSVOA3
		Calibration Date:	3/27/2012 11:27:23AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.2810005	11.7			15	
Ethyl Methacrylate	0.5006647	12.8			15	
Acetone	0.116934	12.1			15	
Acrolein	6.342443E-02	6.5			15	
Acrylonitrile	0.2794417	13.2			15	
tert-Amyl Methyl Ether (TAME)	1.562401	8.8			15	
Benzene	2.74061	7.3			15	
Bromobenzene	1.450362	7.7			15	
Bromochloromethane	0.7240697	9.2			15	
Bromodichloromethane	0.5421292	12.3			15	
Bromoform	0.3175513	14.4			15	
Bromomethane	0.6055129	30.2	0.9939112		0.99	
2-Butanone (MEK)	0.3107587	14.6			15	
tert-Butyl Alcohol (TBA)	0.0314334	24.5	0.9950969		0.99	
n-Butylbenzene	2.188408	12.5			15	
sec-Butylbenzene	2.85691	10.0			15	
tert-Butylbenzene	2.173689	7.9			15	
tert-Butyl Ethyl Ether (TBEE)	1.932185	8.7			15	
Carbon Disulfide	1.197317	8.0			15	
Carbon Tetrachloride	0.8185788	10.0			15	
Chlorobenzene	2.310925	8.2			15	
Chlorodibromomethane	0.3593727	12.8			15	
Chloroethane	0.2627513	11.6			15	
2-Chloroethyl Vinyl Ether	0.2202083	14.6			15	
Chloroform	1.186481	8.6			15	
Chloromethane	0.548698	12.4			15	
2-Chlorotoluene	2.488438	9.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200043	Instrument:	GCMSVOA3
		Calibration Date:	3/27/2012 11:27:23AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.822984	9.1			15	
Cyclohexane	1.212272	8.9			15	
1,2-Dibromo-3-chloropropane (DBCP)	9.721179E-02	25.4	0.9992925		0.99	
1,2-Dibromoethane (EDB)	0.4171391	8.6			15	
Dibromomethane	0.2934023	7.6			15	
1,2-Dichlorobenzene	1.557655	10.5			15	
1,3-Dichlorobenzene	1.656163	6.5			15	
1,4-Dichlorobenzene	1.806169	8.1			15	
trans-1,4-Dichloro-2-butene	0.2495136	22.3	0.999487		0.99	
Dichlorodifluoromethane (Freon 12)	0.7289464	13.4			15	
1,1-Dichloroethane	1.258795	7.1			15	
1,2-Dichloroethane	0.6632928	8.2			15	
1,1-Dichloroethylene	0.6963726	8.6			15	
cis-1,2-Dichloroethylene	1.239184	8.6			15	
trans-1,2-Dichloroethylene	1.073534	8.9			15	
Dichlorofluoromethane (Freon 21)	0.8105796	7.1			15	
1,2-Dichloropropane	0.4579407	6.8			15	
1,3-Dichloropropane	0.6461224	8.3			15	
2,2-Dichloropropane	0.8113484	7.8			15	
1,1-Dichloropropene	0.9240327	7.3			15	
cis-1,3-Dichloropropene	0.6388886	13.2			15	
trans-1,3-Dichloropropene	0.4672685	12.2			15	
Diethyl Ether	0.3441238	3.9			15	
Difluorochloromethane (Freon 22)	0.9880068	13.8			15	
Diisopropyl Ether (DIPE)	2.390511	12.4			15	
1,4-Dioxane	3.001936E-03	25.5	0.996184		0.99	
Ethyl Acetate	0.82734	14.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200043	Instrument:	GCMSVOA3
		Calibration Date:	3/27/2012 11:27:23AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.857599	9.8			15	
Hexachlorobutadiene	0.3527887	13.9			15	
2-Hexanone (MBK)	0.2777583	24.0	0.9903132		0.99	
Iodomethane	0.7124396	13.8			15	
Isopropylbenzene (Cumene)	3.275546	9.7			15	
p-Isopropyltoluene (p-Cymene)	2.511995	10.1			15	
Methyl Acetate	0.3516414	10.3			15	
Methyl tert-Butyl Ether (MTBE)	1.542245	11.3			15	
Methyl Cyclohexane	0.5008792	7.3			15	
Methylene Chloride	0.674556	14.8			15	
4-Methyl-2-pentanone (MIBK)	0.4423146	14.3			15	
Naphthalene	1.128377	59.9	0.9988089		0.99	
n-Propylbenzene	3.758444	11.2			15	
Styrene	2.428926	11.8			15	
1,1,1,2-Tetrachloroethane	0.7334439	12.2			15	
1,1,2,2-Tetrachloroethane	0.8764924	11.8			15	
Tetrachloroethylene	0.4950698	6.7			15	
Tetrahydrofuran	0.1885406	17.0	0.9984386		0.99	
Toluene	1.873044	9.1			15	
1,2,3-Trichlorobenzene	0.4822765	51.8	0.9990949		0.99	
1,2,4-Trichlorobenzene	0.5638624	59.4	0.9995611		0.99	
1,3,5-Trichlorobenzene	0.7694105	44.7	0.9993931		0.99	
1,1,1-Trichloroethane	1.051313	6.2			15	
1,1,2-Trichloroethane	0.4012515	9.0			15	
Trichloroethylene	0.4762277	5.5			15	
Trichlorofluoromethane (Freon 11)	0.7701656	9.0			15	
1,2,3-Trichloropropane	0.6846675	13.5			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1200043	Instrument:	GCMSVOA3
		Calibration Date:	3/27/2012 11:27:23AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3782552	8.3			15	
1,2,4-Trimethylbenzene	2.879395	9.5			15	
1,3,5-Trimethylbenzene	2.919503	11.4			15	
Vinyl Acetate	1.589055	10.8			15	
Vinyl Chloride	0.5763762	12.0			15	
m+p Xylene	2.971063	8.1			15	
o-Xylene	2.918596	8.9			15	
1,2-Dichloroethane-d4	0.4992094	1.4			15	
Toluene-d8	1.113414	0.9			15	
4-Bromofluorobenzene	0.9830491	1.5			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002054	Instrument:	GCMSVOA3
Calibration:	1200043		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1204044	0.4ppb 8260 Calibration Standard	S002054-CAL1	VC087006.D	03/27/12 14:44
1204045	0.5ppb 8260 Calibration Standard	S002054-CAL2	VC087007.D	03/27/12 15:14
1204046	1ppb 8260 Calibration Standard	S002054-CAL3	VC087008.D	03/27/12 15:44
1204047	2ppb 8260 Calibration Standard	S002054-CAL4	VC087009.D	03/27/12 16:14
1204048	5ppb 8260 Calibration Standard	S002054-CAL5	VC087010.D	03/27/12 16:45
1204049	10ppb 8260 Calibration Standard	S002054-CAL6	VC087011.D	03/27/12 17:15
1204050	20ppb 8260 Calibration Standard	S002054-CAL7	VC087012.D	03/27/12 17:45
1204051	50ppb 8260 Calibration Standard	S002054-CAL8	VC087013.D	03/27/12 18:15
1204053	200ppb 8260 Calibration Standard	S002054-CALA	VC087015.D	03/27/12 19:15

Response Factor Report GCMSVOA3

Method Path : X:\1\METHODS\
Method File : C0327W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC087006.D 0.5 =VC087007.D 1.0 =VC087008.D 2.0 =VC087009.D 5.0 =VC087010.D 10 =VC087015.D 20 =VC087012.D
50 =VC087013.D 100 =VC087014.D 200 =VC087015.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.503	0.487	0.499	0.488	0.505	0.501	0.503	0.502	0.505	0.499	1.38	
3)		DICHLORODIFLUO...	0.746	0.743	0.788	0.723	0.760	0.797	0.780	0.494		0.729	13.45	
4)		DIFLUOROCHLORO...	0.959	1.040	1.018	1.022	1.097	1.122	1.090	0.847	0.698	0.988	13.85	
5)	P	CHLOROMETHANE	0.573	0.651	0.547	0.551	0.537	0.591	0.599	0.441	0.449	0.549	12.43	
6)	C	VINYL CHLORIDE	0.526	0.660	0.575	0.593	0.595	0.650	0.626	0.513	0.449	0.576	11.99#	
7)		BROMOMETHANE	0.714	0.838	0.623	0.469	0.384					0.606	0.994LR	
8)		CHLOROETHANE	0.255	0.284	0.295	0.291	0.254	0.278	0.206	0.239		0.263	11.58	
9)		FLUORODICHLORO...	0.863	0.839	0.852	0.824	0.746	0.883	0.749	0.817	0.721	0.811	7.13	
10)		TRICHLOROFLUOR...	0.671	0.800	0.783	0.818	0.757	0.897	0.760	0.766	0.678	0.770	8.96	
11)		ETHANOL						0.003	0.003			0.003	1.39	
12)		DI ETHYL ETHER	0.330	0.352	0.337	0.348	0.340	0.355	0.360	0.354	0.320	0.344	3.85	
13)		ACROLEIN	0.066	0.066	0.070	0.059	0.064	0.061	0.064	0.065	0.057	0.063	6.50	
14)		ACETONE		0.117	0.134	0.111	0.130	0.114	0.130	0.104	0.094	0.117	12.12	
15)	C	1,1-DICHLOROET...	0.660	0.767	0.676	0.732	0.685	0.778	0.710	0.677	0.582	0.696	8.59#	
16)		1,1,2-TRICL-1,...	0.329	0.400	0.398	0.397	0.360	0.423	0.389	0.374	0.335	0.378	8.33	
17)		IODOMETHANE			0.668	0.653	0.861	0.762	0.618			0.712	13.83	
18)		ACETONITRILE										0.000	-1.00	
19)		ALLYL CHLORIDE										0.000	-1.00	
20)		METHYL ACETATE			0.370	0.318	0.367	0.359	0.406	0.296	0.345	0.352	10.29	
21)		T-BUTYL ALCOHOL			0.037	0.025	0.039	0.026	0.043	0.026	0.025	0.031	0.995LR	
22)		ACRYLONITRILE	0.308	0.293	0.322	0.256	0.305	0.253	0.313	0.252	0.214	0.279	13.24	
23)		METHYLENE CHLO...					0.752	0.782	0.683	0.619	0.537	0.675	14.78	
24)		CARBON DISULFIDE	1.027	1.203	1.167	1.229	1.193	1.350	1.212			1.197	7.96	
25)		METHYL TERT-BU...	1.468	1.398	1.682	1.428	1.690	1.578	1.849	1.501	1.286	1.542	11.31	
26)		TRANS 1,2-DICH...	0.979	1.066	1.131	1.069	1.122	1.179	1.174	1.062	0.880	1.074	8.93	
27)	P	1,1-DICHLOROET...	1.129	1.221	1.284	1.232	1.307	1.383	1.371	1.262	1.139	1.259	7.11	
28)		VINYL ACETATE	1.476	1.468	1.732	1.515	1.784	1.588	1.814	1.336		1.589	10.79	
29)		DI ISOPROYL ETHER	2.272	2.493	2.461	2.438	2.619	2.606	2.624	2.332	1.670	2.391	12.44	
30)		CHLOROPRENE										0.000	-1.00	
31)		2-BUTANONE	0.290	0.263	0.334	0.270	0.367	0.291	0.385	0.287		0.311	14.61	
32)		T-BUTYL ETHYL ...	1.728	1.786	1.972	1.847	2.075	2.033	2.240	1.949	1.760	1.932	8.72	
33)		CIS-1,2-DICHLO...	1.085	1.242	1.239	1.246	1.317	1.344	1.383	1.231	1.066	1.239	8.64	
34)		2,2-DICHLOROPR...	0.756	0.773	0.793	0.778	0.850	0.843	0.955	0.795	0.760	0.811	7.81	
35)		ETHYL ACETATE		0.852	0.894	0.710	0.951	0.803	1.015	0.727	0.666	0.827	14.88	
36)		PROPIONITRILE										0.000	-1.00	
37)		METHACRYLONITRILE										0.000	-1.00	
38)		BROMOCHLOROMET...	0.655	0.686	0.768	0.723	0.757	0.794	0.803	0.729	0.601	0.724	9.19	
39)		TETRAHYDROFURAN				0.168	0.232	0.170	0.227	0.172	0.161	0.189	0.998LR	

40)	C	CHLOROFORM	1.006	1.078	1.183	1.172	1.241	1.305	1.323	1.228	1.144	1.186	8.61#
41)		1,1,1-TRICHLOR...	0.964	0.981	1.021	0.996	1.052	1.118	1.149	1.103	1.078	1.051	6.19
42)		CYCLOHEXANE					1.298	1.282	1.273	1.165	1.043	1.212	8.95
43)		CARBON TETRACH...				0.692	0.745	0.832	0.870	0.881	0.891	0.819	9.98
44)		1,1-DICHLOROPR...	0.819	0.926	0.973	0.929	0.945	0.992	1.003	0.916	0.815	0.924	7.32
45)		BENZENE	2.535	2.781	2.819	2.672	2.880	2.974	2.954	2.687	2.363	2.741	7.30
46)		ISOBUTANOL										0.000	-1.00
47)		T-AMYLMETHYL E...	1.451	1.443	1.597	1.423	1.666	1.608	1.847	1.560	1.468	1.562	8.77
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------										
49)	S	TOLUENE SS	1.109	1.122	1.117	1.122	1.125	1.096	1.117	1.110	1.103	1.113	0.87
50)		1,2-DICHLOROET...	0.582	0.626	0.701	0.679	0.706	0.690	0.742	0.652	0.591	0.663	8.22
51)		TRICHLOROETHENE	0.449	0.485	0.494	0.466	0.491	0.501	0.505	0.468	0.427	0.476	5.45
52)		METHYLCYCLOHEXANE	0.427	0.521	0.513	0.487	0.507	0.537	0.545	0.505	0.465	0.501	7.35
53)	C	1,2-DICHLOROPR...	0.414	0.455	0.494	0.459	0.475	0.475	0.490	0.454	0.405	0.458	6.77#
54)		DIBROMOMETHANE	0.273	0.286	0.291	0.292	0.319	0.298	0.335	0.288	0.260	0.293	7.64
55)		METHYL METHACR...										0.000	-1.00
56)		1,4-DIOXANE					0.003	0.002	0.004	0.003	0.002	0.003	0.998LR
57)		BROMODICHLOROM...	0.457	0.441	0.496	0.525	0.563	0.575	0.632	0.605	0.586	0.542	12.26
58)		2-CHLOROETHYLV...		0.179	0.227	0.195	0.247	0.209	0.265			0.220	14.57
59)		MIBK			0.473	0.386	0.513	0.402	0.509	0.371		0.442	14.34
60)		CIS-1,3-DICHLO...	0.497	0.553	0.615	0.592	0.684	0.699	0.767	0.704	0.639	0.639	13.17
61)	C	TOLUENE	1.697	1.765	1.989	1.945	1.998	2.012	2.064	1.828	1.560	1.873	9.11#
62)		TRANS-1,3,-DIC...	0.404	0.421	0.463	0.443	0.530	0.542				0.467	12.20
63)		ETHYL METHACRY...	0.430	0.426	0.486	0.458	0.565	0.511	0.619	0.537	0.475	0.501	12.77
64)		1,1,2-TRICHLOR...	0.378	0.352	0.402	0.414	0.434	0.416	0.463	0.398	0.354	0.401	8.99
65)		2-HEXANONE					0.335	0.258	0.352	0.256	0.188	0.278	0.990LR
66)		TETRACHLOROETHENE	0.456	0.503	0.523	0.476	0.494	0.521	0.548	0.491	0.445	0.495	6.68
67)		1,3-DICHLOROPR...	0.598	0.617	0.680	0.631	0.698	0.672	0.731	0.628	0.560	0.646	8.27
68)		DIBROMOCHLOROM...		0.299	0.364	0.328	0.396	0.410				0.359	12.81
69)		1,2-DIBROMOETHANE	0.389	0.400	0.434	0.394	0.458	0.419	0.485	0.406	0.371	0.417	8.63
70)		CHLOROBENZENE-D5	...	----------ISTD----------									
71)	S	4-BROMOFLUOROB...	0.961	0.978	0.967	0.986	0.988	0.971	0.993	1.006	0.998	0.983	1.53
72)	T	CHLOROBENZENE	2.077	2.283	2.357	2.331	2.485	2.465	2.552	2.277	1.972	2.311	8.18
73)		1,1,1,2-TETRAC...		0.604	0.702	0.621	0.715	0.761	0.848	0.823	0.794	0.733	12.23
74)	C	ETHYLBENZENE	3.309	3.705	4.041	3.925	4.088	4.238	4.311	3.862	3.240	3.858	9.81#
75)		M/P-XYLENES	2.476	2.862	3.002	3.025	3.146	3.159	3.231	2.868		2.971	8.10
76)		0-XYLENE	2.629	2.871	2.997	2.927	3.122	3.169	3.227	2.906	2.419	2.919	8.92
77)		STYRENE	1.958	2.240	2.405	2.433	2.644	2.703	2.818	2.555	2.103	2.429	11.76
78)	P	BROMOFORM	0.262	0.291	0.319	0.290	0.363	0.380				0.318	14.40
79)		ISOPROPYLBENZENE	2.812	2.989	3.312	3.367	3.525	3.582	3.683	3.354	2.855	3.276	9.73
80)		CIS-1,4-DICHLO...					0.278	0.240	0.332	0.279	0.276	0.281	11.66
81)	P	1,1,2,2-TETRAC...	0.794	0.820	0.906	0.835	0.980	0.873	1.086	0.849	0.746	0.876	11.76
82)		1,4-DICHLORO-2...	0.197	0.185	0.264	0.178	0.263	0.233	0.343	0.291	0.291	0.250	0.999LR
83)		BROMOBENZENE	1.319	1.417	1.500	1.471	1.541	1.540	1.587	1.437	1.240	1.450	7.73
84)		1,2,3-TRICHLOR...	0.621	0.554	0.768	0.681	0.783	0.691	0.824	0.660	0.580	0.685	13.55
85)		N-PROPYLBENZENE	3.006	3.502	3.808	3.836	4.056	4.182	4.280	3.872	3.284	3.758	11.20
86)		2-CHLOROT0LUENE	2.102	2.474	2.654	2.539	2.623	2.693	2.729	2.463	2.119	2.488	9.37
87)		1,3,5-TRIMETHY...	2.442	2.613	2.930	2.979	3.189	3.251	3.343	3.031	2.496	2.920	11.35
88)		4-CHLOROTOLUENE	2.479	2.764	2.915	2.853	2.969	3.083	3.140	2.840	2.363	2.823	9.14
89)		1,4-DICHLOROBENZEN...	----------ISTD----------										
90)		TERT-BUTYLBENZENE	1.885	2.103	2.247	2.210	2.283	2.377	2.353	2.163	1.942	2.174	7.88

91)	1,2,4-TRIMETHY...	2.469	2.663	2.999	2.943	3.079	3.172	3.187	2.909	2.494	2.879	9.53
92)	SEC-BUTYLBENZENE	2.343	2.745	2.784	2.937	3.019	3.240	3.167	2.913	2.564	2.857	9.96
93)	1,3-DICHLOROBE...	1.535	1.640	1.731	1.594	1.730	1.757	1.792	1.652	1.474	1.656	6.47
94)	P-ISOPROPYLTOL...	2.096	2.459	2.571	2.477	2.700	2.812	2.791	2.553	2.148	2.512	10.12
95)	1,4-DICHLOROBE...	1.704	1.797	1.938	1.798	1.893	1.913	1.963	1.754	1.496	1.806	8.08
96)	N-BUTYLBENZENE			1.815	1.891	2.329	2.443	2.514	2.288	2.038	2.188	12.53
97)	1,2-DICHLOROBE...	1.282	1.362	1.618	1.604	1.667	1.711	1.758	1.585	1.431	1.558	10.47
98)	1,2-DIBROMO-3-...			0.078	0.058	0.103	0.085	0.130	0.108	0.117	0.097	0.999LR
99)	1,3,5-TRICHLOR...	0.293	0.212	0.611	0.642	0.963	1.019	1.133	1.063	0.989	0.769	0.999LR
100)	1,2,4-TRICHLOR...			0.083	0.136	0.595	0.573	0.914	0.819	0.829	0.564	1.000LR
101)	HEXACHLOROBUTA...			0.283	0.289	0.362	0.383	0.414	0.377	0.362	0.353	13.88
102)	NAPHTHALENE				0.063	0.868	0.795	1.852	1.516	1.676	1.128	0.999LR
103)	1,2,3-TRICHLOR...				0.054	0.438	0.384	0.745	0.619	0.652	0.482	0.999LR

(#) = Out of Range

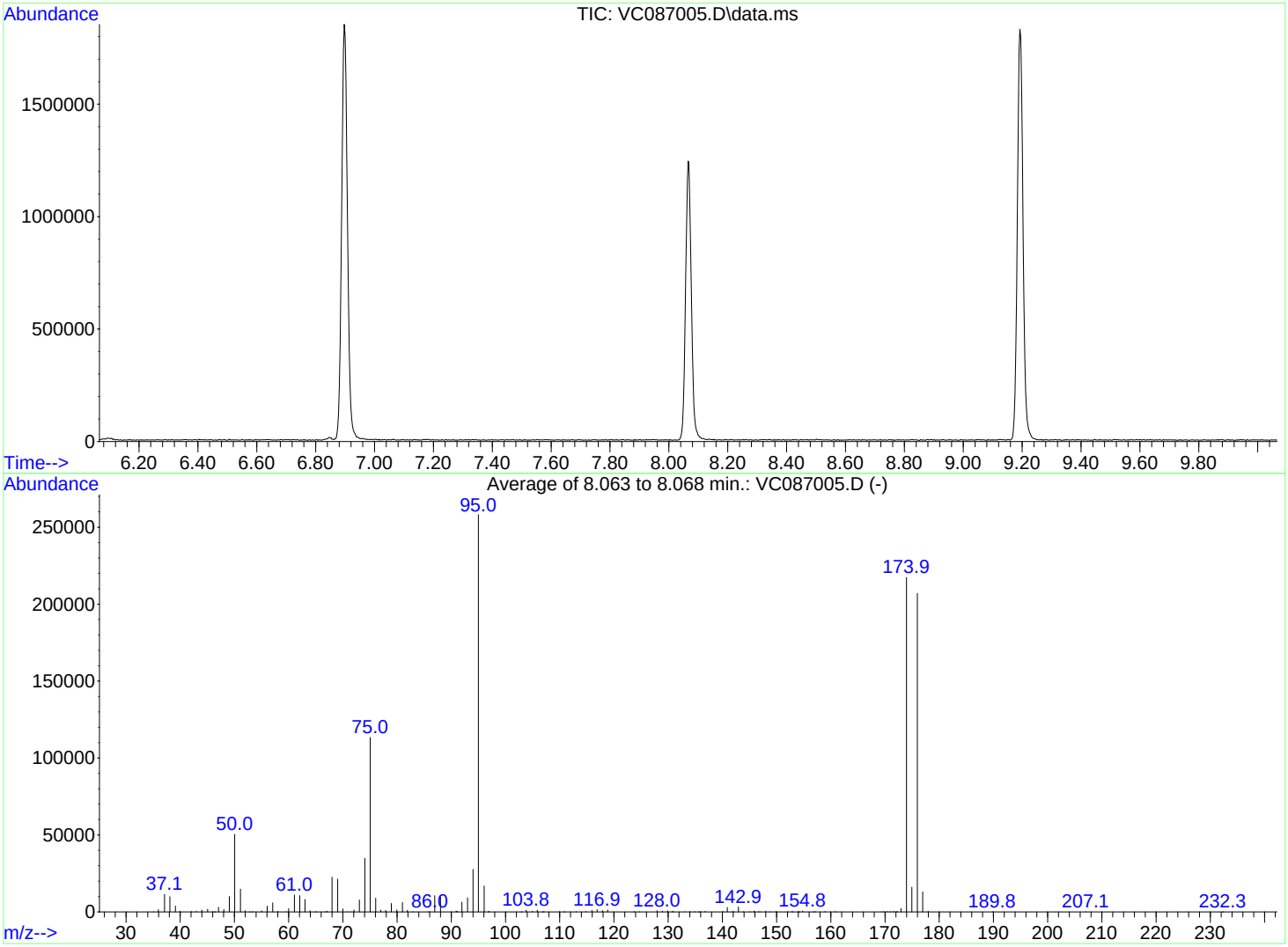
C0327W12.M Wed Apr 11 11:47:24 2012

101

Data Path : X:\1\DATA\032712\
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Acq On : 27 Mar 2012 2:14 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: 8260B.P

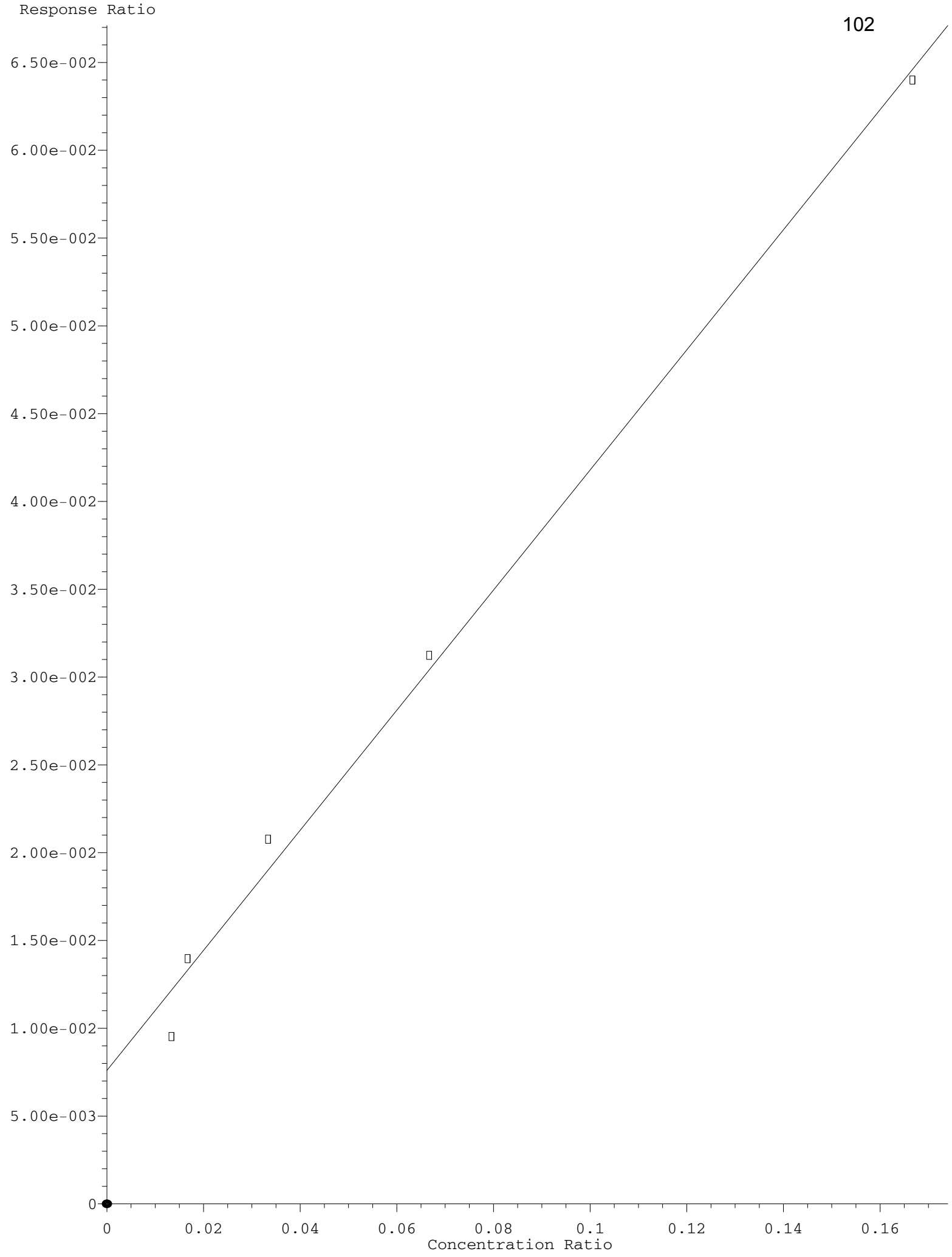
Method : X:\1\METHODS\C0327W12.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



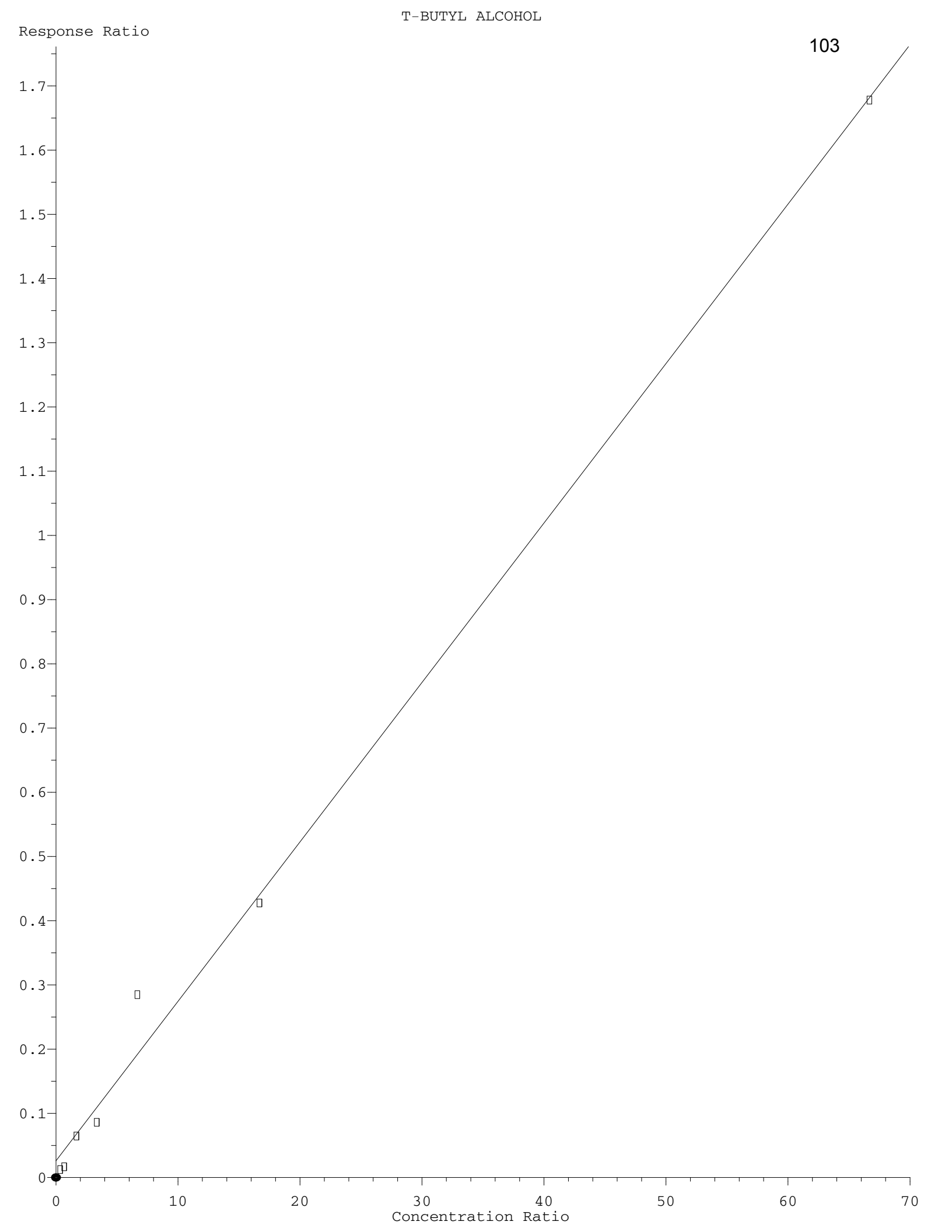
Spectrum Information: Average of 8.063 to 8.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.5	50376	PASS
75	95	30	60	43.9	113397	PASS
95	95	100	100	100.0	258197	PASS
96	95	5	9	6.5	16868	PASS
173	174	0.00	2	1.0	2269	PASS
174	95	50	100	84.2	217386	PASS
175	174	5	9	7.4	16050	PASS
176	174	95	101	95.3	207061	PASS
177	176	5	9	6.3	12961	PASS

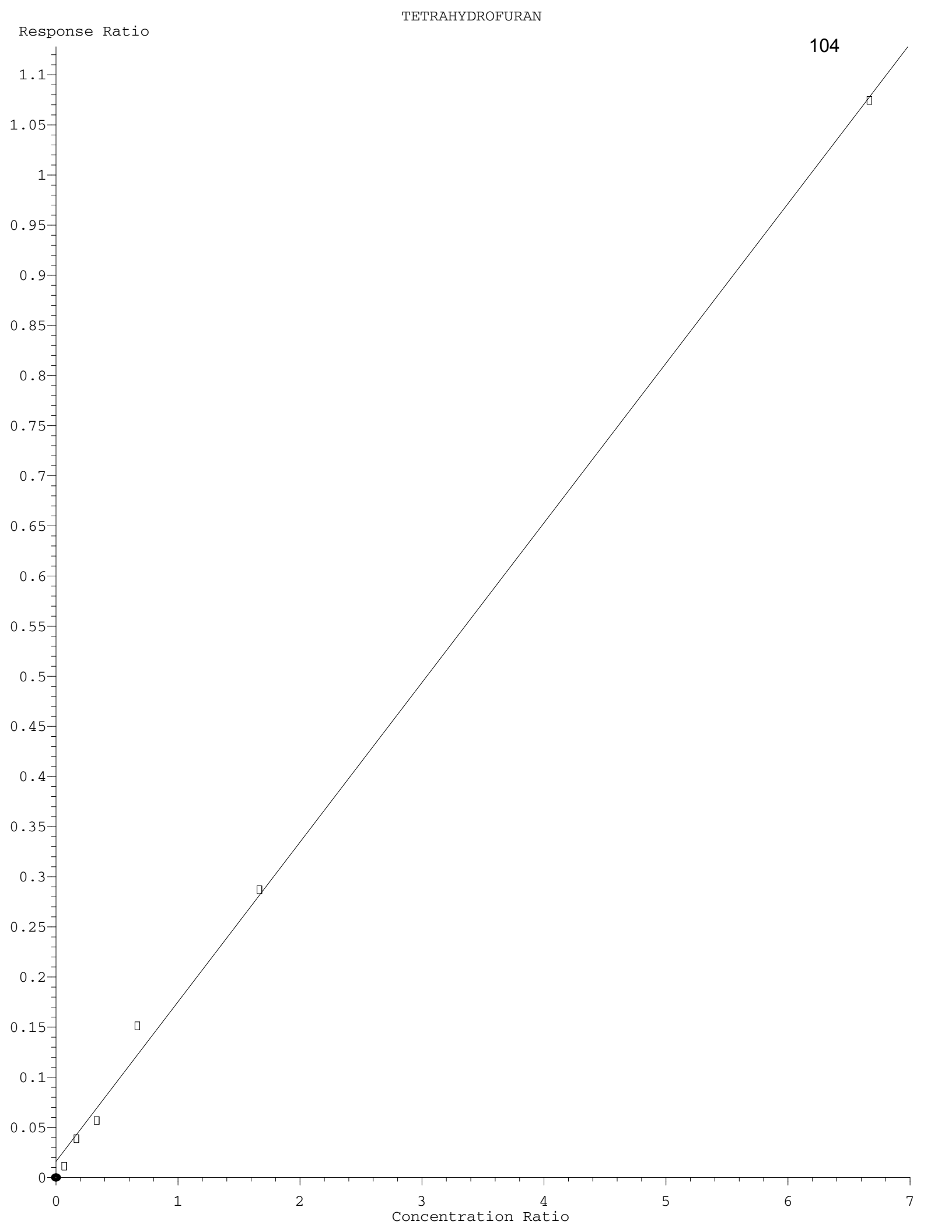
BROMOMETHANE

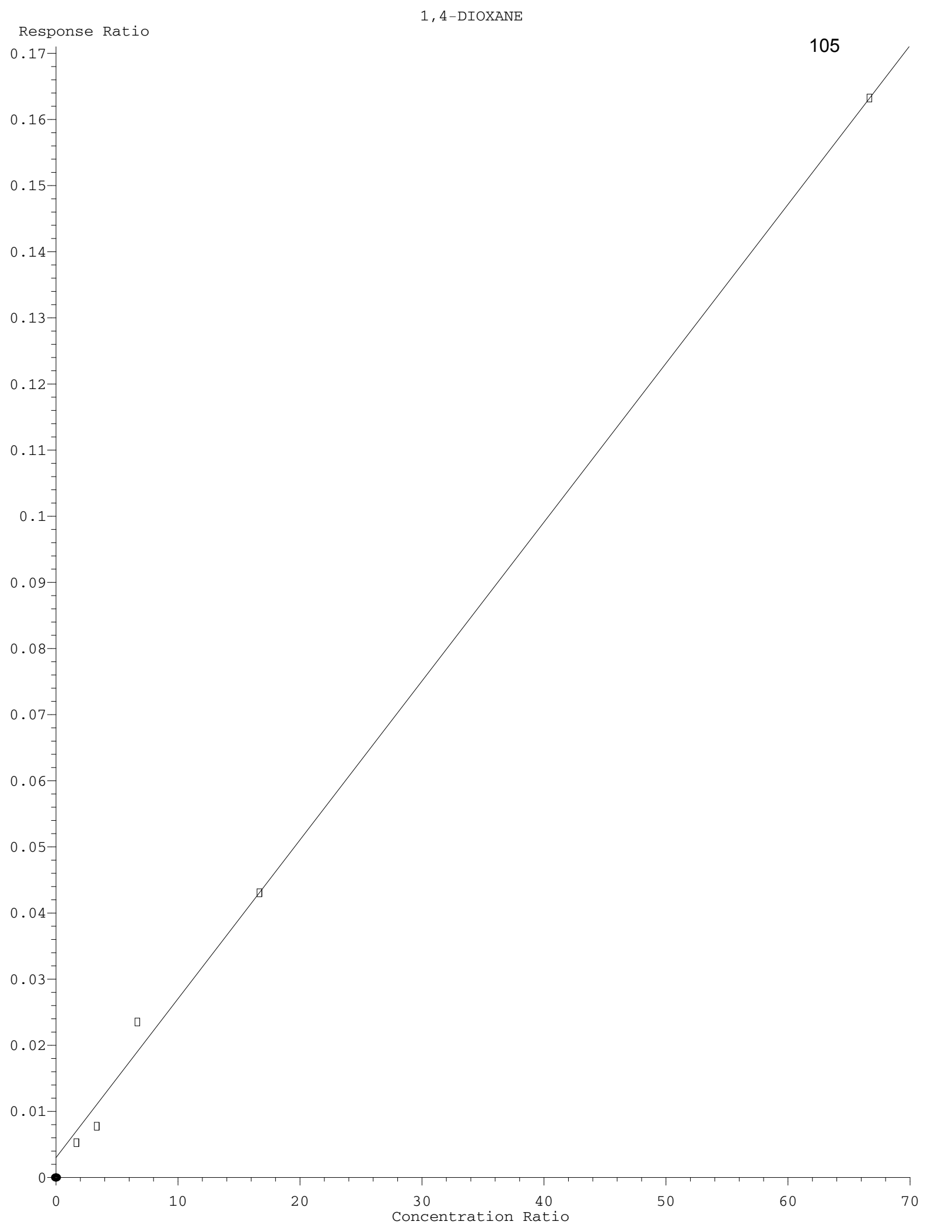


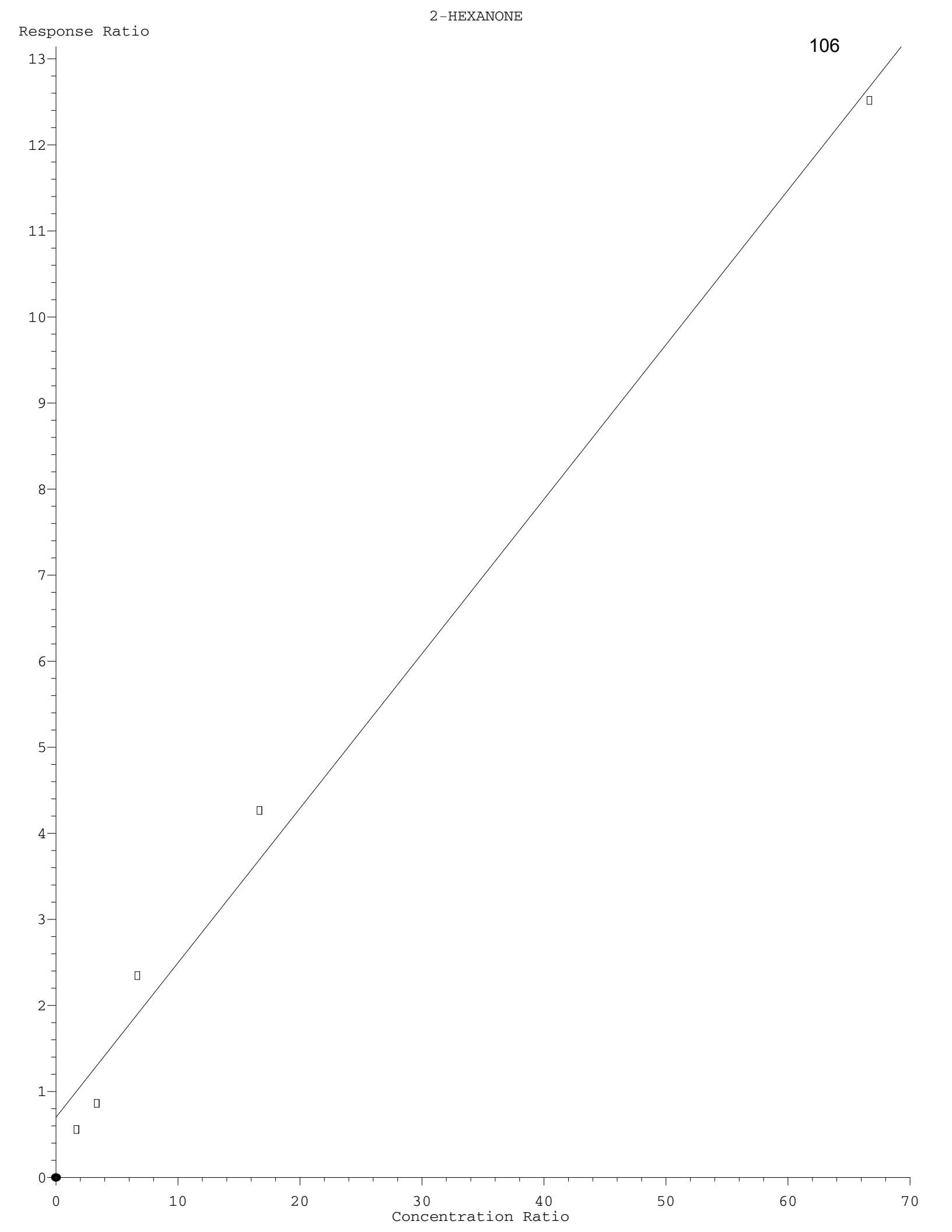
T-BUTYL ALCOHOL

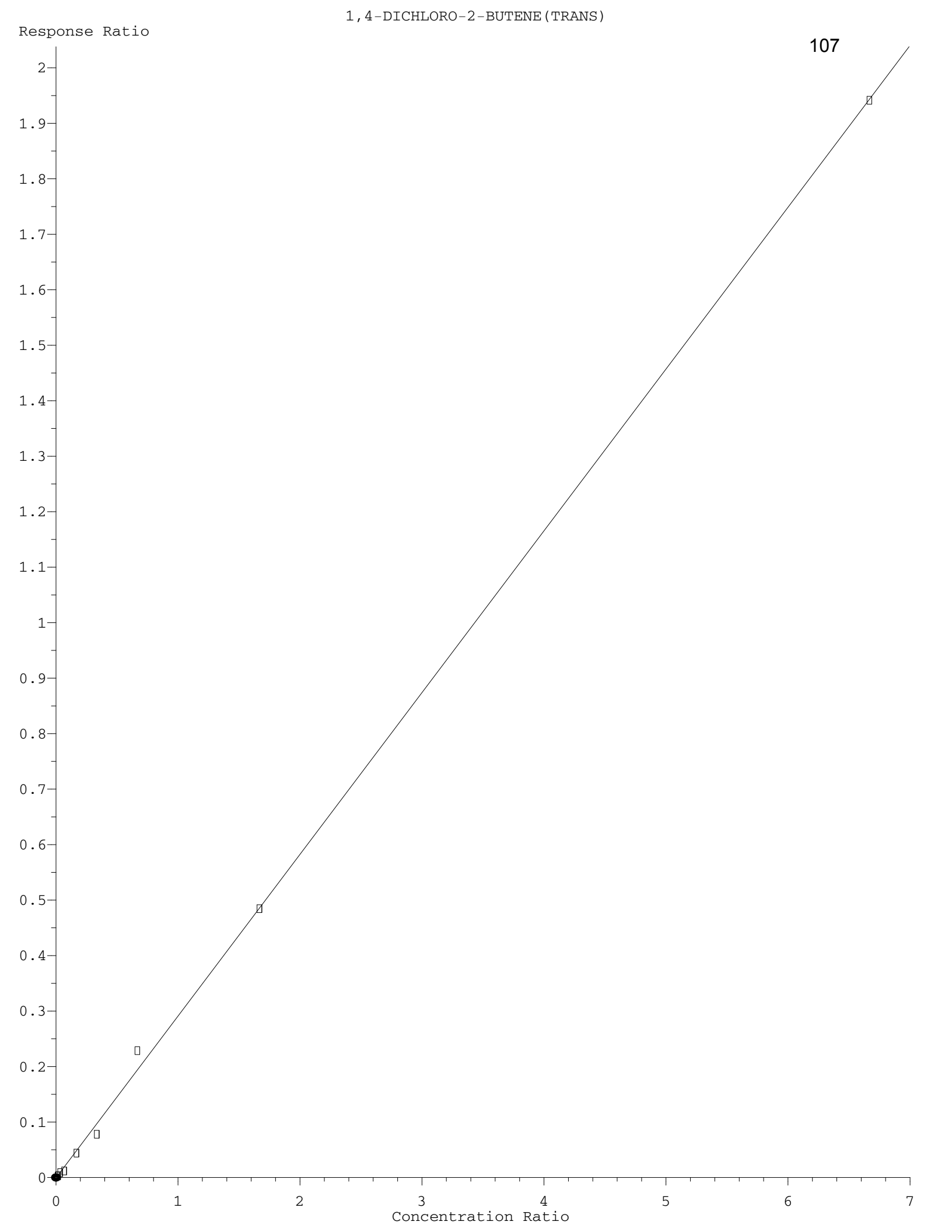


TETRAHYDROFURAN

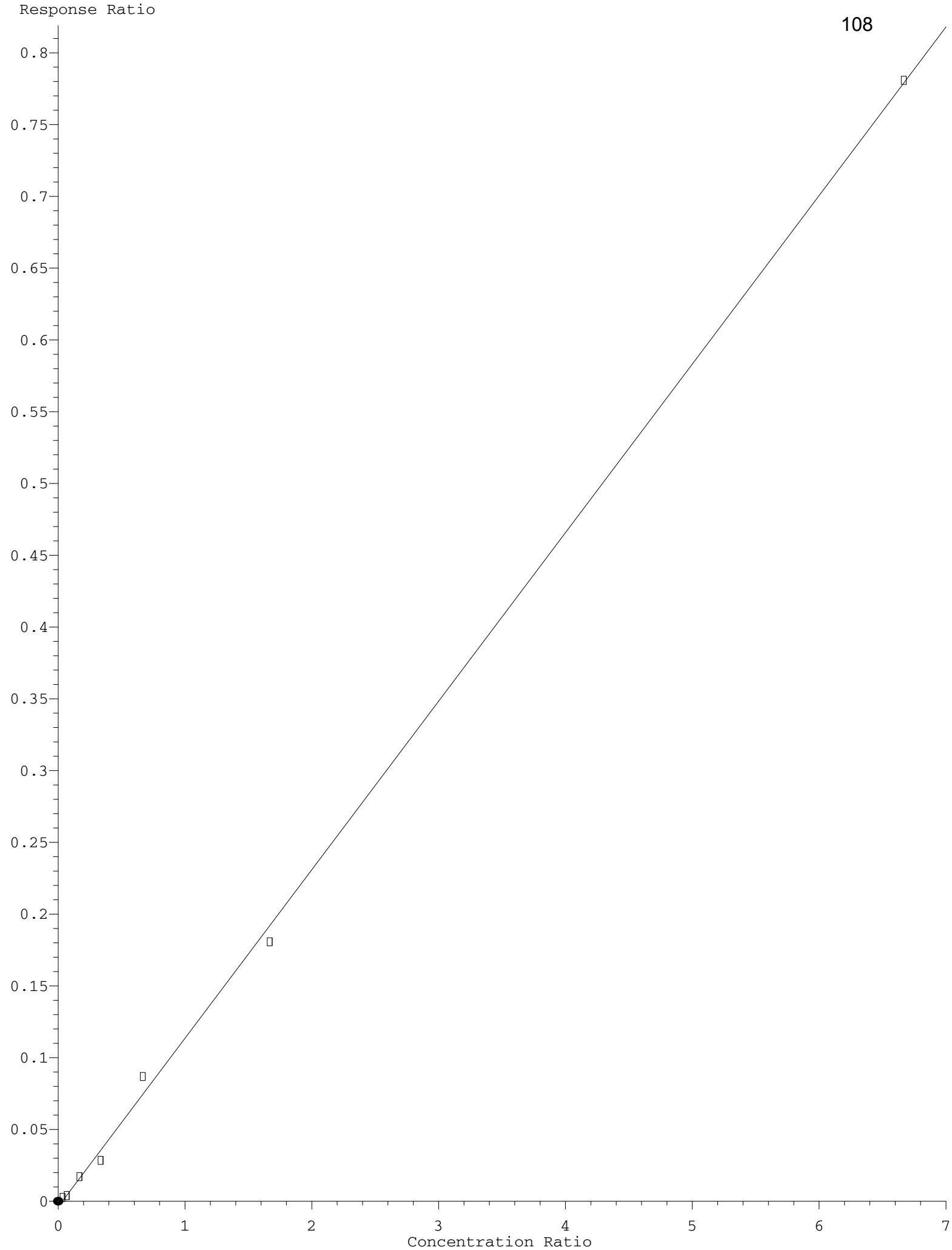


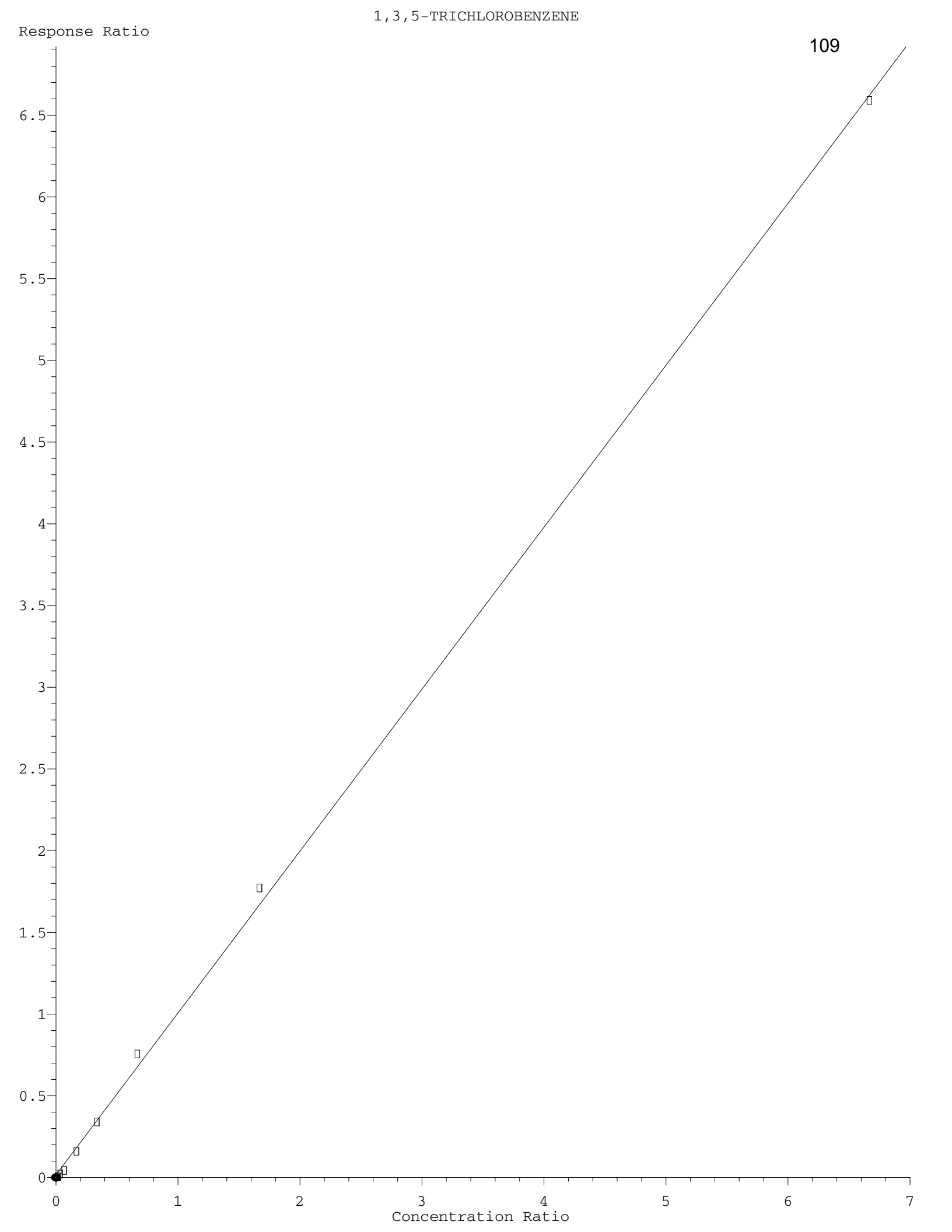

1,4-DIOXANE
Response Ratio
105
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
10
20
30
40
50
60
70
Concentration Ratio

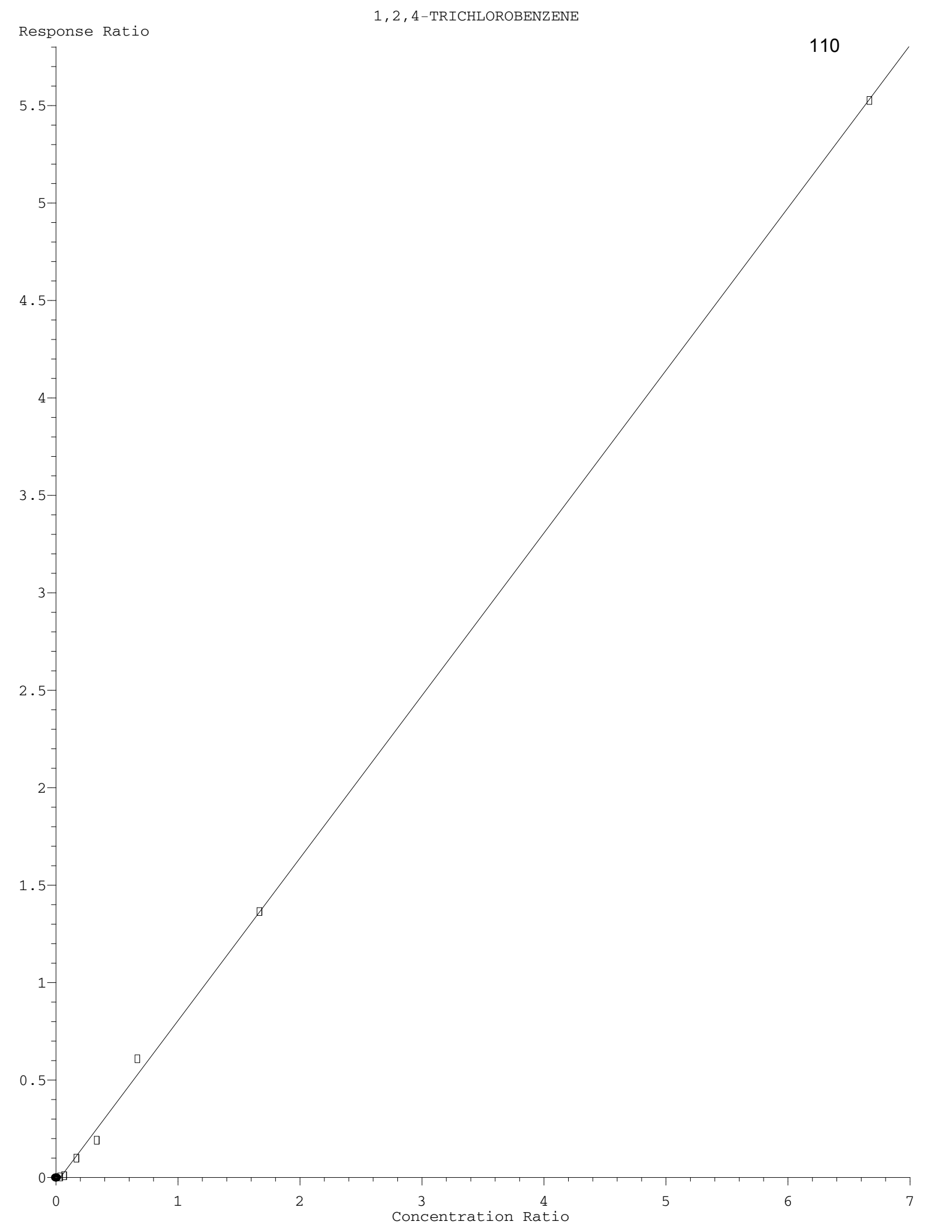

2-HEXANONE
Response Ratio
106
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
10
20
30
40
50
60
70
Concentration Ratio


1,4-DICHLORO-2-BUTENE(TRANS)
Response Ratio
107
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
7
Concentration Ratio

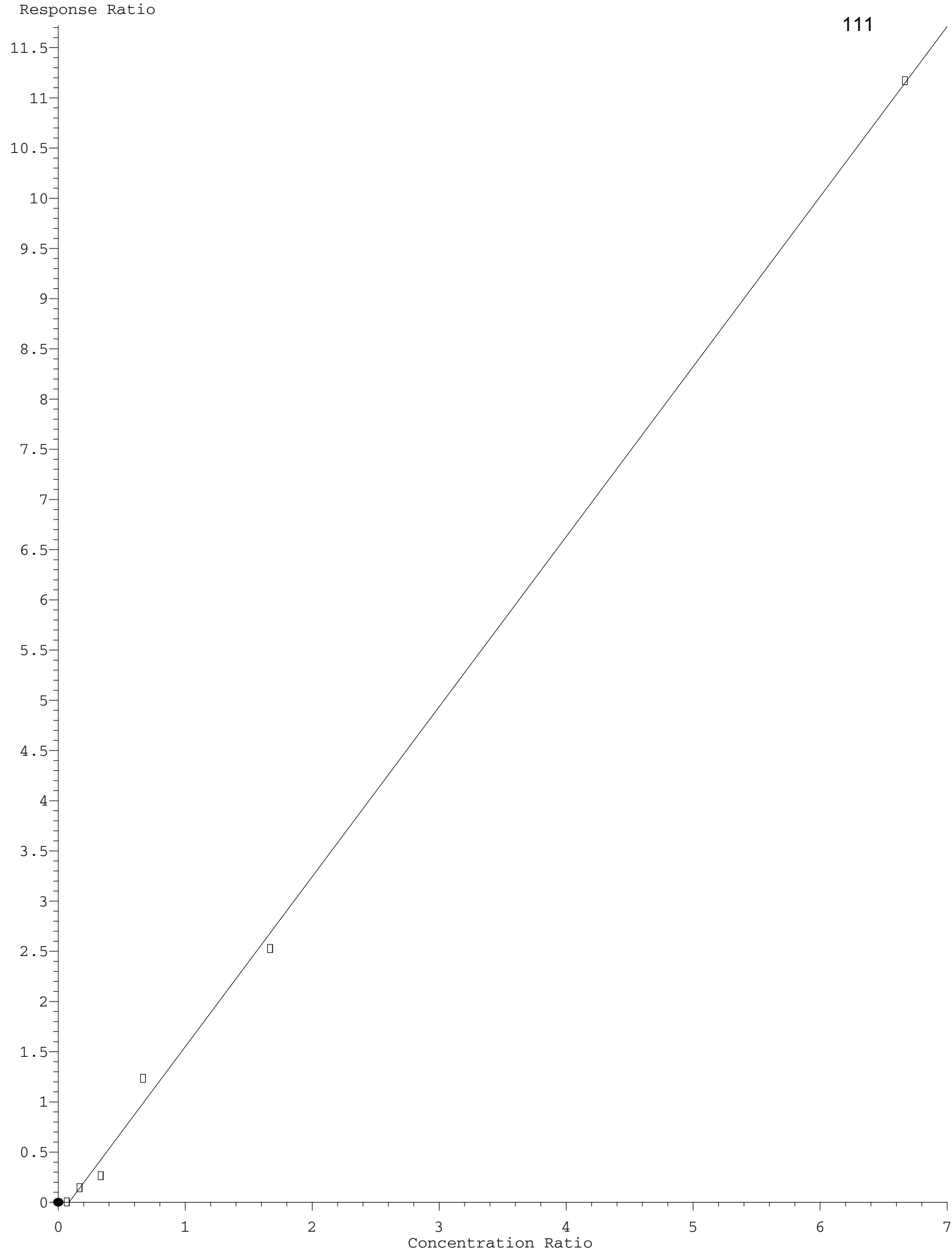
1,2-DIBROMO-3-CHLOROPROPANE



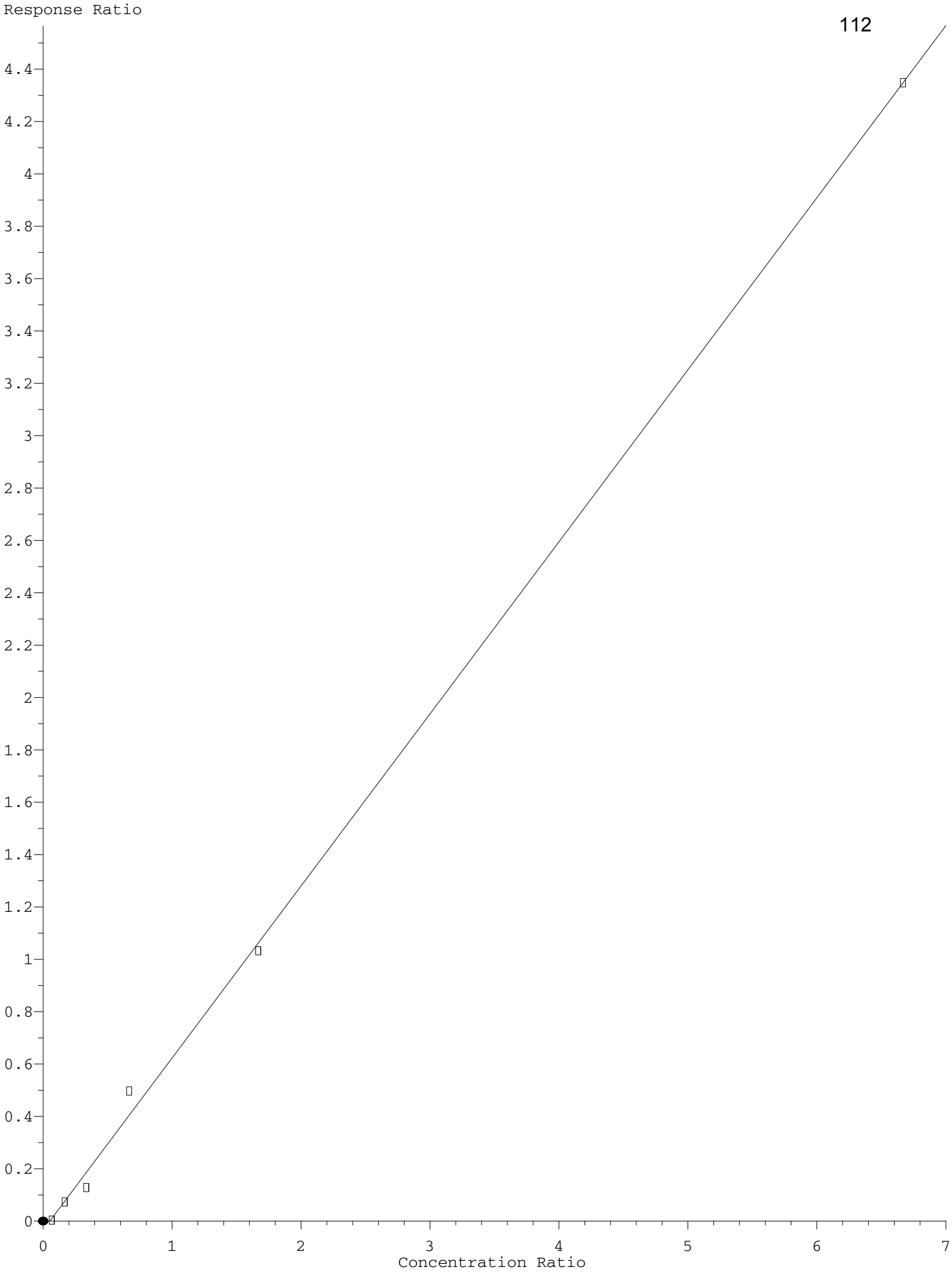

1,3,5-TRICHLOROBENZENE
Response Ratio
109
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
110
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio

NAPHTHALENE



1,2,3-TRICHLOROBENZENE



Data Path : X:\1\DATA\032712\
Data File : VC087006.D
Acq On : 27 Mar 2012 2:44 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 11:43:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	560290	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	898327	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	479967	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	475459	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	234984	26.38	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.52%				
49) TOLUENE SS	5.486	98	830144	25.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.76%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	384228	24.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.52%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	5573	Below Cal			95
4) DIFLUOROCHLOROMETHANE	0.840	51	7161	0.53	UG/L		96
5) CHLOROMETHANE	0.913	50	4278	0.66	UG/L		93
6) VINYL CHLORIDE	0.960	62	3930	0.47	UG/L	#	88
7) BROMOMETHANE	1.100	94	5336	0.04	UG/L		91
8) CHLOROETHANE	1.142	64	1907	0.49	UG/L	#	61
9) FLUORODICHLOROMETHANE	1.228	67	6444	0.47	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.250	101	5016	0.39	UG/L		88
12) DI ETHYL ETHER	1.387	59	2467	0.39	UG/L	#	80
13) ACROLEIN	1.451	56	4938	4.81	UG/L	#	78
14) ACETONE	1.532	43	9428	4.90	UG/L	#	88
15) 1,1-DICHLOROETHENE	1.498	61	4927	0.44	UG/L	#	90
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	2456m	0.40	UG/L		
17) IODOMETHANE	1.582	142	32535	2.89	UG/L		95
20) METHYL ACETATE	1.710	43	3999	0.73	UG/L	#	61
22) ACRYLONITRILE	1.917	53	2304	0.50	UG/L		87
23) METHYLENE CHLORIDE	1.766	49	15803	1.36	UG/L		98
24) CARBON DISULFIDE	1.618	76	76727	4.22	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	10964	0.39	UG/L		90
26) TRANS 1,2-DICHLOROETHENE	1.931	61	7315	0.40	UG/L		95
27) 1,1-DICHLOROETHANE	2.221	63	8437	0.37	UG/L	#	88
28) VINYL ACETATE	2.268	43	110271	3.85	UG/L	#	93
29) DI ISOPROYL ETHER	2.282	45	16971	0.41	UG/L	#	88
31) 2-BUTANONE	2.745	43	21663	4.19	UG/L	#	82
32) T-BUTYL ETHYL ETHER	2.583	59	12910m	0.36	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.703	61	8104	0.37	UG/L		95
34) 2,2-DICHLOROPROPANE	2.698	77	5647m	0.37	UG/L		
35) ETHYL ACETATE	2.809	43	6339	0.45	UG/L	#	88
38) BROMOCHLOROMETHANE	2.937	49	4893	0.39	UG/L	#	78
40) CHLOROFORM	3.032	83	7517	0.35	UG/L	#	60
41) 1,1,1-TRICHLOROETHANE	3.202	97	7201m	0.37	UG/L		
42) CYCLOHEXANE	3.272	56	16295	0.78	UG/L	#	61
43) CARBON TETRACHLORIDE	3.375	117	4428	0.28	UG/L		96
44) 1,1-DICHLOROPROPENE	3.381	75	6120	0.38	UG/L	#	81
45) BENZENE	3.587	78	18940	0.39	UG/L	#	58
47) T-AMYLMETHYL ETHER	3.743	73	10837m	0.36	UG/L		
50) 1,2-DICHLOROETHANE	3.629	62	6975	0.37	UG/L	#	78
51) TRICHLOROETHENE	4.262	95	5374	0.39	UG/L		85
52) METHYLCYCLOHEXANE	4.438	83	5110	0.35	UG/L	#	68
53) 1,2-DICHLOROPROPANE	4.491	63	4962m	0.37	UG/L		
54) DIBROMOMETHANE	4.599	93	3269	0.38	UG/L	#	77
57) BROMODICHLOROMETHANE	4.778	83	5471	0.34	UG/L	#	70
58) 2-CHLOROETHYLVINYLETHER	5.127	63	22082	3.61	UG/L		94

Data Path : X:\1\DATA\032712\
Data File : VC087006.D
Acq On : 27 Mar 2012 2:44 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

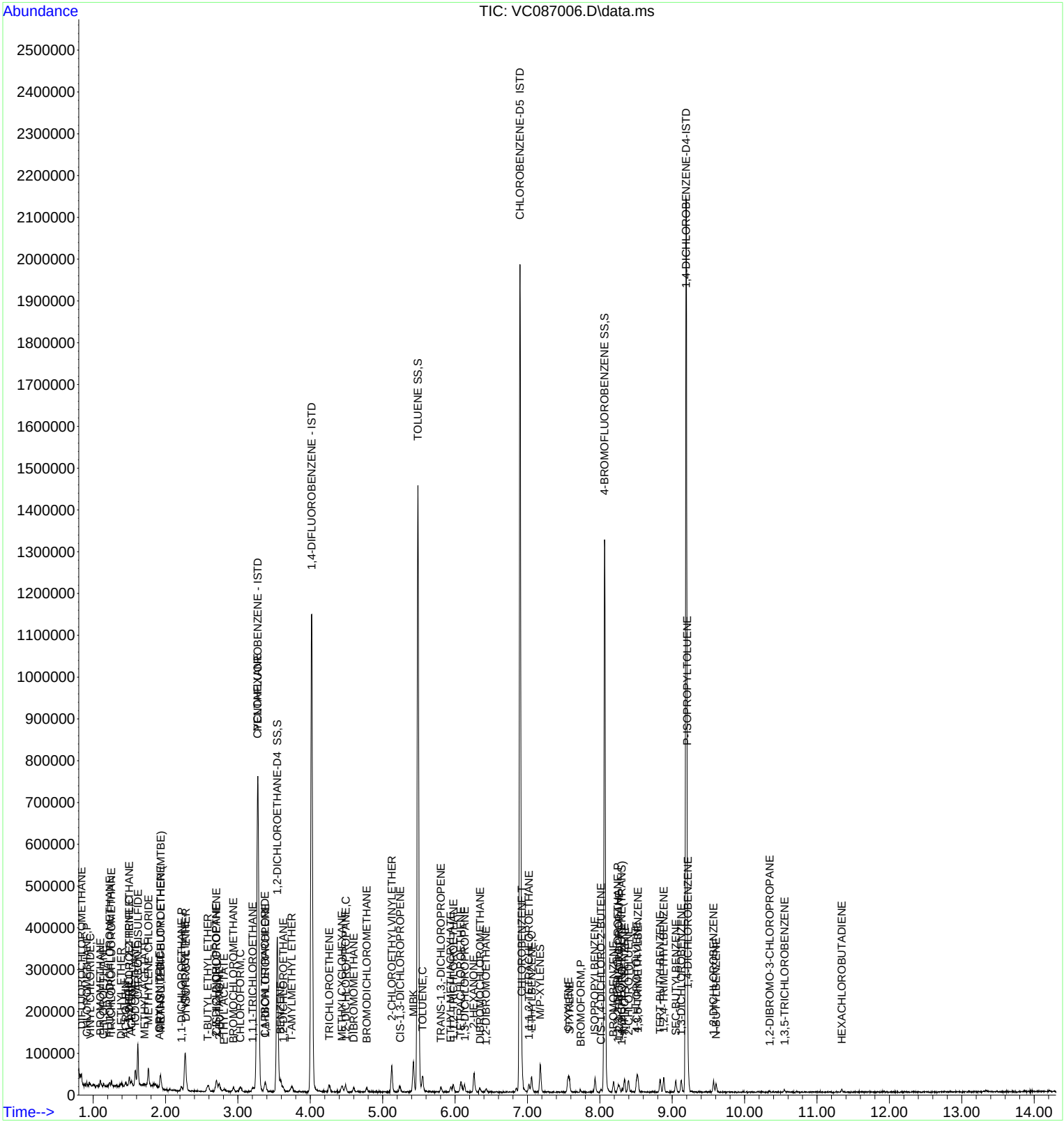
Quant Time: Mar 28 11:43:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.425	43	43821	3.79	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.241	75	5950m	0.30	UG/L		
61) TOLUENE	5.550	91	20329	0.37	UG/L		97
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	4842	0.30	UG/L	#	87
63) ETHYL METHACRYLATE	5.938	69	5153	0.33	UG/L	#	92
64) 1,1,2-TRICHLOROETHANE	5.977	97	4523m	0.38	UG/L		
65) 2-HEXANONE	6.259	43	26956	3.56	UG/L		93
66) TETRACHLOROETHENE	6.077	166	5456	0.37	UG/L		96
67) 1,3-DICHLOROPROPANE	6.133	76	7166	0.38	UG/L		95
68) DIBROMOCHLOROMETHANE	6.348	129	3120	0.30	UG/L		91
69) 1,2-DIBROMOETHANE	6.426	107	4654	0.38	UG/L		95
72) CHLOROBENZENE	6.922	112	13290	0.36	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	3403	0.28	UG/L		94
74) ETHYLBENZENE	7.059	91	21178	0.34	UG/L	#	70
75) M/P-XYLENES	7.176	91	31690	0.67	UG/L		91
76) 0-XYLENE	7.564	91	16823	0.36	UG/L		98
77) STYRENE	7.583	104	12533	0.31	UG/L		98
78) BROMOFORM	7.737	173	1678	0.33	UG/L	#	95
79) ISOPROPYLBENZENE	7.929	105	17997	0.33	UG/L		94
80) CIS-1,4-DICHLORO-2-BUTENE	8.016	53	1187	0.25	UG/L	#	59
81) 1,1,2,2-TETRACHLOROETHANE	8.247	83	5082m	0.36	UG/L		
82) 1,4-DICHLORO-2-BUTENE(...	8.303	53	1262	0.70	UG/L	#	28
83) BROMOBENZENE	8.188	77	8441	0.36	UG/L		86
84) 1,2,3-TRICHLOROPROPANE	8.267	75	3976	0.37	UG/L	#	63
85) N-PROPYLBENZENE	8.342	91	19236	0.32	UG/L		95
86) 2-CHLOROT0LUENE	8.398	91	13449	0.34	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.529	105	15629	0.33	UG/L		98
88) 4-CHLOROTOLUENE	8.509	91	15864	0.35	UG/L	#	68
90) TERT-BUTYLBENZENE	8.833	119	11950	0.34	UG/L		93
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	15654	0.34	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	14851	0.32	UG/L		99
93) 1,3-DICHLOROBENZENE	9.125	146	9730	0.37	UG/L	#	84
94) P-ISOPROPYLTOLUENE	9.206	119	13290	0.33	UG/L	#	89
95) 1,4-DICHLOROBENZENE	9.217	146	10800	0.38	UG/L	#	82
96) N-BUTYLBENZENE	9.605	91	8469	0.25	UG/L		91
97) 1,2-DICHLOROBENZENE	9.572	146	8127	0.32	UG/L		96
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	495m	2.63	UG/L		
99) 1,3,5-TRICHLOROBENZENE	10.553	180	1860	0.19	UG/L		91
101) HEXACHLOROBUTADIENE	11.342	225	1051	0.18	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087006.D
Acq On : 27 Mar 2012 2:44 pm
Operator :
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 11:43:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087007.D
Acq On : 27 Mar 2012 3:14 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 28 12:45:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	537426	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	850522	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	451037	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	440856	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	218196	25.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.16%				
49) TOLUENE SS	5.486	98	795016	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	367449	24.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	6653	0.12	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.840	51	9313	0.71	UG/L		98
5) CHLOROMETHANE	0.913	50	5835	0.94	UG/L		97
6) VINYL CHLORIDE	0.960	62	5908	0.74	UG/L		92
7) BROMOMETHANE	1.103	94	7505	0.80	UG/L		94
8) CHLOROETHANE	1.144	64	2542	0.68	UG/L	#	77
9) FLUORODICHLOROMETHANE	1.228	67	7519	0.57	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.253	101	7169	0.59	UG/L		93
12) DI ETHYL ETHER	1.390	59	3156	0.52	UG/L		97
13) ACROLEIN	1.451	56	5937	6.03	UG/L		100
14) ACETONE	1.529	43	10516	5.70	UG/L	#	71
15) 1,1-DICHLOROETHENE	1.501	61	6869	0.64	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	3582	0.60	UG/L		96
17) IODOMETHANE	1.585	142	49425	4.58	UG/L		98
20) METHYL ACETATE	1.713	43	2568	0.49	UG/L	#	61
22) ACRYLONITRILE	1.917	53	2625	0.59	UG/L	#	71
23) METHYLENE CHLORIDE	1.763	49	21206	1.90	UG/L		95
24) CARBON DISULFIDE	1.621	76	107746	6.18	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.939	73	12519	0.46	UG/L	#	87
26) TRANS 1,2-DICHLOROETHENE	1.928	61	9546	0.54	UG/L		97
27) 1,1-DICHLOROETHANE	2.224	63	10940	0.51	UG/L	#	80
28) VINYL ACETATE	2.271	43	131462	4.78	UG/L		95
29) DI ISOPROYL ETHER	2.282	45	22331	0.57	UG/L		91
31) 2-BUTANONE	2.745	43	23584	4.76	UG/L	#	79
32) T-BUTYL ETHYL ETHER	2.589	59	15994	0.46	UG/L	#	79
33) CIS-1,2-DICHLOROETHENE	2.706	61	11122	0.53	UG/L		98
34) 2,2-DICHLOROPROPANE	2.703	77	6920	0.47	UG/L	#	88
35) ETHYL ACETATE	2.806	43	7630	0.56	UG/L	#	81
38) BROMOCHLOROMETHANE	2.937	49	6145	0.51	UG/L	#	76
40) CHLOROFORM	3.041	83	9653	0.46	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.200	97	8788	0.47	UG/L	#	79
42) CYCLOHEXANE	3.269	56	20878m	1.05	UG/L		
43) CARBON TETRACHLORIDE	3.375	117	5308	0.35	UG/L		87
44) 1,1-DICHLOROPROPENE	3.378	75	8290	0.54	UG/L	#	81
45) BENZENE	3.590	78	24911	0.54	UG/L		95
47) T-AMYLMETHYL ETHER	3.738	73	12923	0.45	UG/L	#	59
50) 1,2-DICHLOROETHANE	3.623	62	8875	0.50	UG/L		99
51) TRICHLOROETHENE	4.265	95	6878	0.53	UG/L		89
52) METHYLCYCLOHEXANE	4.441	83	7389m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.491	63	6446	0.50	UG/L	#	63
54) DIBROMOMETHANE	4.599	93	4059	0.50	UG/L		93
57) BROMODICHLOROMETHANE	4.781	83	6257	0.40	UG/L	#	91
58) 2-CHLOROETHYLVINYLETHER	5.129	63	25416	4.39	UG/L		88

Data Path : X:\1\DATA\032712\
Data File : VC087007.D
Acq On : 27 Mar 2012 3:14 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

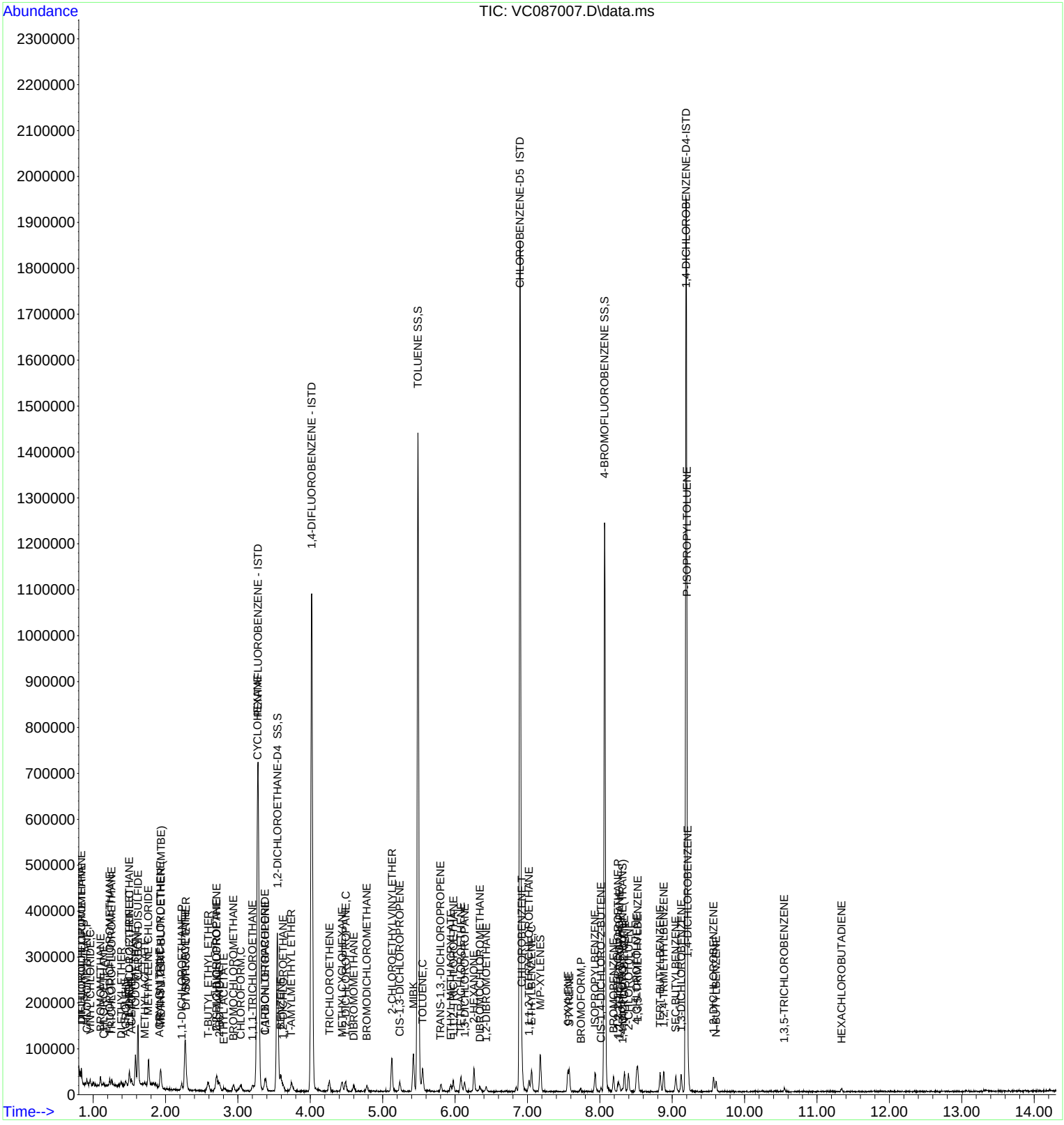
Quant Time: Mar 28 12:45:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.425	43	49475	4.52 UG/L #	90
60) CIS-1,3-DICHLOROPROPENE	5.235	75	7843	0.42 UG/L	93
61) TOLUENE	5.550	91	25020	0.49 UG/L	96
62) TRANS-1,3,-DICHLOROPRO...	5.799	75	5969	0.39 UG/L #	70
63) ETHYL METHACRYLATE	5.944	69	6033	0.41 UG/L #	87
64) 1,1,2-TRICHLOROETHANE	5.977	97	4994	0.45 UG/L #	84
65) 2-HEXANONE	6.261	43	28380	3.96 UG/L	94
66) TETRACHLOROETHENE	6.080	166	7125	0.51 UG/L	95
67) 1,3-DICHLOROPROPANE	6.133	76	8744	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.345	129	4242	0.43 UG/L #	48
69) 1,2-DIBROMOETHANE	6.432	107	5665	0.49 UG/L	85
72) CHLOROBENZENE	6.922	112	17164	0.49 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	4541	0.40 UG/L #	91
74) ETHYLBENZENE	7.056	91	27851	0.48 UG/L	100
75) M/P-XYLENES	7.179	91	43028	0.97 UG/L	98
76) 0-XYLENE	7.561	91	21580	0.49 UG/L	95
77) STYRENE	7.581	104	16835	0.44 UG/L	98
78) BROMOFORM	7.739	173	2189m	0.45 UG/L	
79) ISOPROPYLBENZENE	7.932	105	22469	0.44 UG/L	96
80) CIS-1,4-DICHLORO-2-BUTENE	8.016	53	1343	0.31 UG/L #	69
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	6164	0.47 UG/L #	96
82) 1,4-DICHLORO-2-BUTENE(...	8.314	53	1392	0.74 UG/L #	28
83) BROMOBENZENE	8.191	77	10650	0.48 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.272	75	4161	0.41 UG/L	90
85) N-PROPYLBENZENE	8.339	91	26325	0.46 UG/L	98
86) 2-CHLOROT0LUENE	8.398	91	18596	0.49 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	19644	0.44 UG/L	97
88) 4-CHLOROTOLUENE	8.509	91	20779	0.49 UG/L	98
90) TERT-BUTYLBENZENE	8.833	119	15455	0.48 UG/L	93
91) 1,2,4-TRIMETHYLBENZENE	8.886	105	19565	0.46 UG/L	99
92) SEC-BUTYLBENZENE	9.047	105	20170	0.47 UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	12051	0.50 UG/L	97
94) P-ISOPROPYLTOLUENE	9.204	119	18068	0.49 UG/L #	94
95) 1,4-DICHLOROBENZENE	9.215	146	13203	0.50 UG/L #	85
96) N-BUTYLBENZENE	9.608	91	9988	0.32 UG/L	99
97) 1,2-DICHLOROBENZENE	9.572	146	10006	0.43 UG/L	95
99) 1,3,5-TRICHLOROBENZENE	10.548	180	1558	0.18 UG/L	97
101) HEXACHLOROBUTADIENE	11.340	225	1086	0.20 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087007.D
Acq On : 27 Mar 2012 3:14 pm
Operator :
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 28 12:45:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087008.D
Acq On : 27 Mar 2012 3:44 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 12:48:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	530390	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	845149	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	450837	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	461048	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	220495	26.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.60%				
49) TOLUENE SS	5.486	98	786639	25.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%				
71) 4-BROMOFLUOROBENZENE SS	8.065	95	363208	24.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	13935	1.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	18000	1.39	UG/L		100
5) CHLOROMETHANE	0.910	50	9662	1.57	UG/L		97
6) VINYL CHLORIDE	0.957	62	10173	1.30	UG/L		98
7) BROMOMETHANE	1.099	94	11012	1.95	UG/L		100
8) CHLOROETHANE	1.141	64	5212	1.42	UG/L		92
9) FLUORODICHLOROMETHANE	1.228	67	15069	1.16	UG/L		93
10) TRICHLOROFLUOROMETHANE	1.253	101	13837	1.15	UG/L		97
12) DI ETHYL ETHER	1.384	59	5958	1.00	UG/L	#	86
13) ACROLEIN	1.454	56	12365	12.73	UG/L		91
14) ACETONE	1.529	43	23766	13.05	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	11943	1.13	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.504	101	7030	1.20	UG/L		99
17) IODOMETHANE	1.582	142	98378	9.24	UG/L		93
20) METHYL ACETATE	1.713	43	6541	1.27	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	6545	11.91	UG/L	#	94
22) ACRYLONITRILE	1.917	53	5689	1.30	UG/L		99
23) METHYLENE CHLORIDE	1.760	49	28143	2.55	UG/L		99
24) CARBON DISULFIDE	1.618	76	206263	11.99	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	29732	1.11	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	1.928	61	19998	1.15	UG/L		95
27) 1,1-DICHLOROETHANE	2.220	63	22696	1.06	UG/L		99
28) VINYL ACETATE	2.268	43	306187	11.28	UG/L	#	94
29) DI ISOPROYL ETHER	2.279	45	43508	1.12	UG/L		93
31) 2-BUTANONE	2.739	43	58971	12.06	UG/L		97
32) T-BUTYL ETHYL ETHER	2.586	59	34867	1.02	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.706	61	21898	1.06	UG/L		96
34) 2,2-DICHLOROPROPANE	2.697	77	14017	0.97	UG/L	#	83
35) ETHYL ACETATE	2.806	43	15808	1.17	UG/L	#	91
38) BROMOCHLOROMETHANE	2.934	49	13577	1.13	UG/L		92
39) TETRAHYDROFURAN	3.004	42	4952m	1.58	UG/L		
40) CHLOROFORM	3.038	83	20912	1.02	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.202	97	18050m	0.98	UG/L		
42) CYCLOHEXANE	3.266	56	30822	1.56	UG/L	#	66
43) CARBON TETRACHLORIDE	3.367	117	12644m	0.85	UG/L		
44) 1,1-DICHLOROPROPENE	3.383	75	17195	1.14	UG/L	#	84
45) BENZENE	3.590	78	49834	1.10	UG/L	#	95
47) T-AMYLMETHYL ETHER	3.746	73	28233	0.99	UG/L		95
50) 1,2-DICHLOROETHANE	3.623	62	19752	1.12	UG/L	#	88
51) TRICHLOROETHENE	4.262	95	13911	1.08	UG/L		93
52) METHYLCYCLOHEXANE	4.440	83	14466	1.04	UG/L	#	86
53) 1,2-DICHLOROPROPANE	4.482	63	13926	1.09	UG/L	#	96
54) DIBROMOMETHANE	4.599	93	8191	1.02	UG/L		94

Data Path : X:\1\DATA\032712\
Data File : VC087008.D
Acq On : 27 Mar 2012 3:44 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 12:48:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

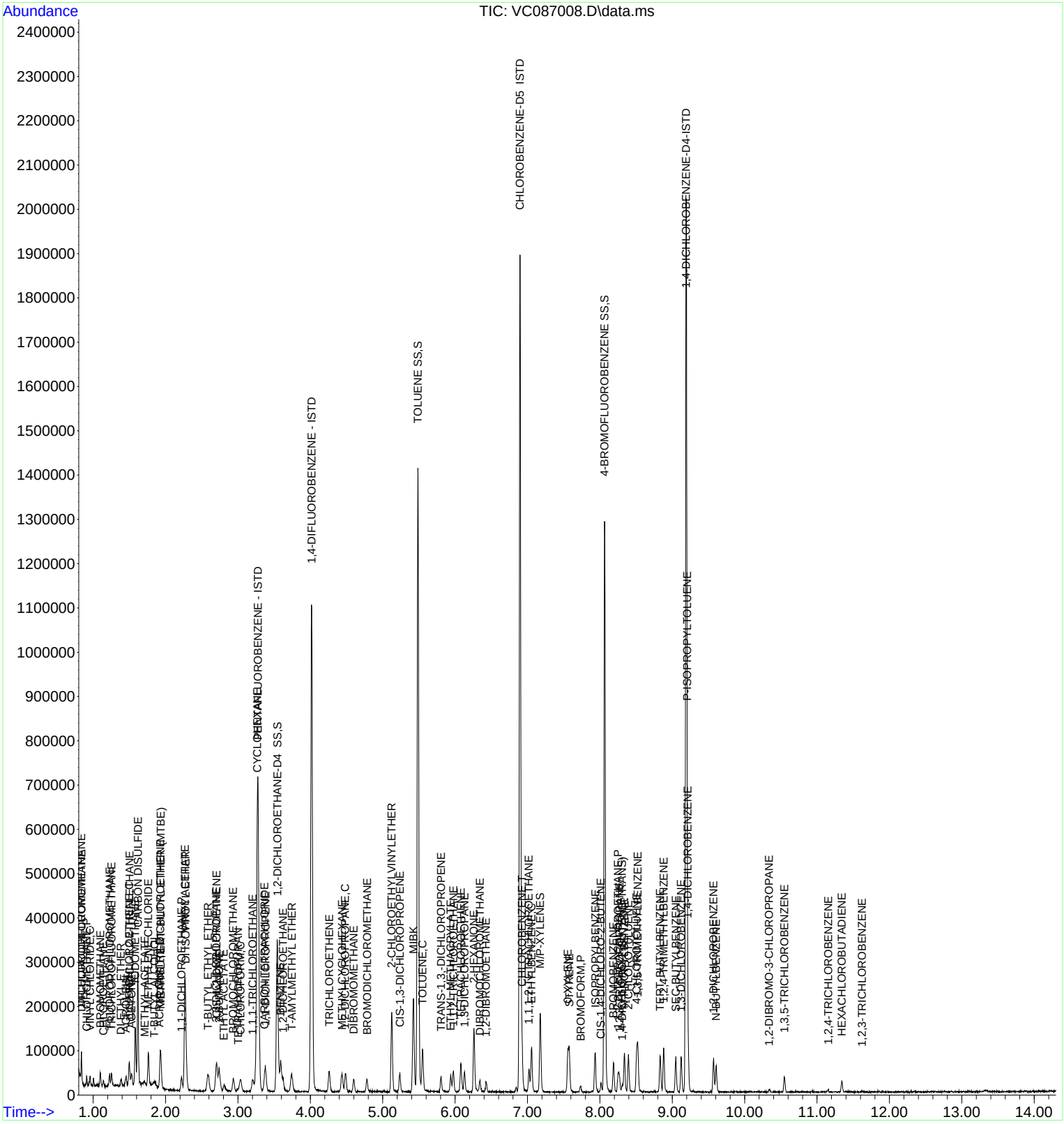
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.786	83	13967	0.91	UG/L	#	92
58)	2-CHLOROETHYLVINYLETHER	5.123	63	63908	11.12	UG/L		96
59)	MIBK	5.425	43	133268	12.26	UG/L	#	91
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	17320	0.94	UG/L		98
61)	TOLUENE	5.550	91	56037	1.09	UG/L		96
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	13038	0.86	UG/L		96
63)	ETHYL METHACRYLATE	5.938	69	13703	0.94	UG/L		92
64)	1,1,2-TRICHLOROETHANE	5.977	97	11312	1.02	UG/L	#	81
65)	2-HEXANONE	6.261	43	82425	11.59	UG/L		92
66)	TETRACHLOROETHENE	6.080	166	14734	1.06	UG/L		97
67)	1,3-DICHLOROPROPANE	6.130	76	19155	1.09	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.345	129	10255	1.05	UG/L		93
69)	1,2-DIBROMOETHANE	6.426	107	12220	1.06	UG/L		96
72)	CHLOROBENZENE	6.925	112	35422	1.01	UG/L		98
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	10544	0.92	UG/L		90
74)	ETHYLBENZENE	7.056	91	60721	1.04	UG/L		97
75)	M/P-XYLENES	7.176	91	90218	2.03	UG/L		99
76)	0-XYLENE	7.558	91	45043	1.02	UG/L		99
77)	STYRENE	7.580	104	36147	0.94	UG/L		95
78)	BROMOFORM	7.736	173	4793	0.99	UG/L	#	95
79)	ISOPROPYLBENZENE	7.937	105	49775	0.98	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.012	53	3506	0.80	UG/L	#	66
81)	1,1,2,2-TETRACHLOROETHANE	8.249	83	13609	1.03	UG/L		97
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	3968	1.28	UG/L	#	47
83)	BROMOBENZENE	8.188	77	22549	1.03	UG/L		94
84)	1,2,3-TRICHLOROPROPANE	8.275	75	11542	1.13	UG/L		91
85)	N-PROPYLBENZENE	8.339	91	57227	1.00	UG/L		98
86)	2-CHLOROT0LUENE	8.395	91	39887	1.06	UG/L		94
87)	1,3,5-TRIMETHYLBENZENE	8.523	105	44035	0.98	UG/L		99
88)	4-CHLOROTOLUENE	8.509	91	43808	1.03	UG/L		97
90)	TERT-BUTYLBENZENE	8.832	119	34529	1.02	UG/L		100
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	46084	1.03	UG/L		99
92)	SEC-BUTYLBENZENE	9.050	105	42788	0.96	UG/L		98
93)	1,3-DICHLOROBENZENE	9.122	146	26602	1.05	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.206	119	39514	1.02	UG/L		98
95)	1,4-DICHLOROBENZENE	9.214	146	29789	1.08	UG/L		95
96)	N-BUTYLBENZENE	9.608	91	27897	0.86	UG/L		93
97)	1,2-DICHLOROBENZENE	9.571	146	24862	1.01	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.338	75	1204m	2.99	UG/L		
99)	1,3,5-TRICHLOROBENZENE	10.550	180	9385	0.66	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.158	180	1269	1.84	UG/L		86
101)	HEXACHLOROBUTADIENE	11.342	225	4347	0.75	UG/L	#	83
103)	1,2,3-TRICHLOROBENZENE	11.621	180	555m	2.85	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087008.D
Acq On : 27 Mar 2012 3:44 pm
Operator :
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 28 12:48:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087009.D
Acq On : 27 Mar 2012 4:14 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 28 12:51:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.280	168	561579	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	877291	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	466592	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	472235	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	228237	25.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.24%				
49) TOLUENE SS	5.486	98	820071	25.48	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.92%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	383486	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	27066	3.36	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.840	51	38256	2.80	UG/L		100
5) CHLOROMETHANE	0.913	50	20612	3.17	UG/L		100
6) VINYL CHLORIDE	0.960	62	22189	2.67	UG/L		98
7) BROMOMETHANE	1.103	94	17542	3.73	UG/L		96
8) CHLOROETHANE	1.142	64	10905	2.81	UG/L		94
9) FLUORODICHLOROMETHANE	1.231	67	30834	2.25	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.256	101	30638	2.41	UG/L		94
12) DI ETHYL ETHER	1.387	59	13044	2.08	UG/L		96
13) ACROLEIN	1.451	56	21906	21.30	UG/L		98
14) ACETONE	1.529	43	41636	21.59	UG/L		99
15) 1,1-DICHLOROETHENE	1.504	61	27421	2.45	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.499	101	14861	2.39	UG/L		97
17) IODOMETHANE	1.585	142	250123	22.18	UG/L		94
20) METHYL ACETATE	1.708	43	11915	2.18	UG/L	#	82
21) T-BUTYL ALCOHOL	1.844	59	9374	16.11	UG/L	#	87
22) ACRYLONITRILE	1.922	53	9582	2.06	UG/L		98
23) METHYLENE CHLORIDE	1.766	49	40276	3.45	UG/L		97
24) CARBON DISULFIDE	1.621	76	460041	25.26	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	53480	1.89	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.931	61	40029	2.18	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	46140	2.04	UG/L		98
28) VINYL ACETATE	2.271	43	567130	19.73	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	91261	2.21	UG/L		91
31) 2-BUTANONE	2.739	43	101269	19.56	UG/L		97
32) T-BUTYL ETHYL ETHER	2.583	59	69146m	1.91	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.709	61	46660	2.13	UG/L		97
34) 2,2-DICHLOROPROPANE	2.709	77	29121m	1.91	UG/L		
35) ETHYL ACETATE	2.809	43	26568	1.86	UG/L	#	93
38) BROMOCHLOROMETHANE	2.940	49	27079	2.13	UG/L		92
39) TETRAHYDROFURAN	3.004	42	6304m	1.90	UG/L		
40) CHLOROFORM	3.038	83	43891	2.01	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	37286	1.91	UG/L		96
42) CYCLOHEXANE	3.253	56	53234	2.55	UG/L	#	92
43) CARBON TETRACHLORIDE	3.370	117	25911m	1.64	UG/L		
44) 1,1-DICHLOROPROPENE	3.384	75	34765	2.17	UG/L		97
45) BENZENE	3.593	78	100048	2.08	UG/L	#	91
47) T-AMYLMETHYL ETHER	3.746	73	53260	1.77	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.626	62	39691	2.16	UG/L		97
51) TRICHLOROETHENE	4.262	95	27246	2.04	UG/L		96
52) METHYLCYCLOHEXANE	4.435	83	28500	1.98	UG/L		95
53) 1,2-DICHLOROPROPANE	4.491	63	26864	2.03	UG/L		95
54) DIBROMOMETHANE	4.599	93	17056	2.04	UG/L		95

Data Path : X:\1\DATA\032712\
Data File : VC087009.D
Acq On : 27 Mar 2012 4:14 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

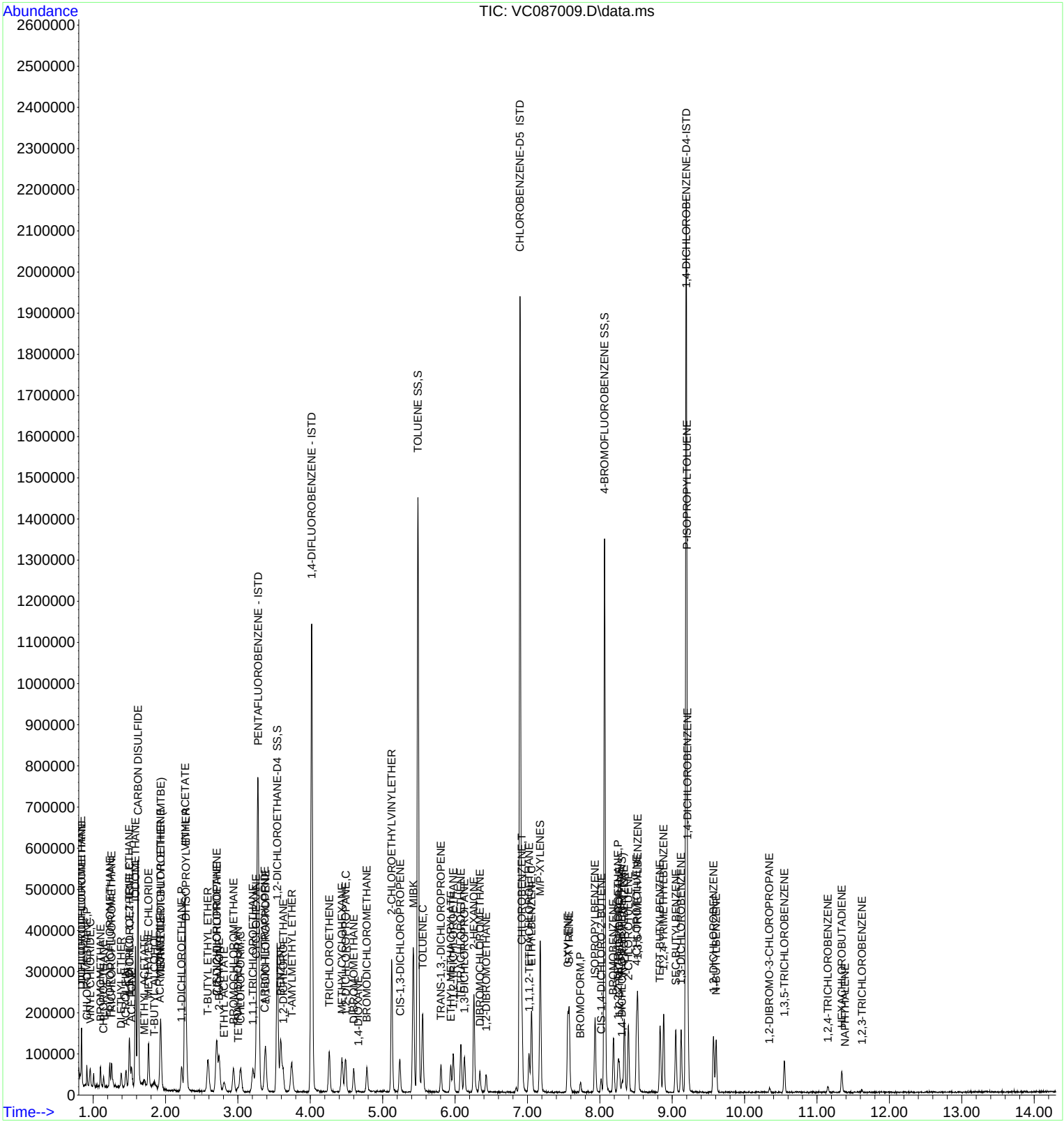
Quant Time: Mar 28 12:51:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56)	1,4-DIOXANE	4.664	88	895	11.05	UG/L	#	14
57)	BROMODICHLOROMETHANE	4.781	83	30687	1.92	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.124	63	113961	19.09	UG/L		98
59)	MIBK	5.425	43	225952	20.02	UG/L	#	93
60)	CIS-1,3-DICHLOROPROPENE	5.241	75	34649	1.80	UG/L		97
61)	TOLUENE	5.553	91	113762	2.14	UG/L		94
62)	TRANS-1,3,-DICHLOROPRO...	5.804	75	25922	1.66	UG/L		96
63)	ETHYL METHACRYLATE	5.944	69	26786	1.76	UG/L		98
64)	1,1,2-TRICHLOROETHANE	5.974	97	24233	2.10	UG/L		97
65)	2-HEXANONE	6.262	43	134806	18.25	UG/L		95
66)	TETRACHLOROETHENE	6.080	166	27833	1.94	UG/L		97
67)	1,3-DICHLOROPROPANE	6.128	76	36929	2.02	UG/L		96
68)	DIBROMOCHLOROMETHANE	6.342	129	19186	1.89	UG/L		96
69)	1,2-DIBROMOETHANE	6.429	107	23066	1.92	UG/L		97
72)	CHLOROBENZENE	6.922	112	72496	2.01	UG/L	#	90
73)	1,1,1,2-TETRACHLOROETHANE	7.026	131	19312	1.63	UG/L		98
74)	ETHYLBENZENE	7.056	91	122084	2.02	UG/L		97
75)	M/P-XYLENES	7.176	91	188195	4.09	UG/L		98
76)	0-XYLENE	7.558	91	91052	1.99	UG/L		99
77)	STYRENE	7.578	104	75685	1.91	UG/L		98
78)	BROMOFORM	7.731	173	9027	1.81	UG/L	#	96
79)	ISOPROPYLBENZENE	7.932	105	104746	2.00	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	6885	1.52	UG/L	#	59
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	25971	1.90	UG/L		98
82)	1,4-DICHLORO-2-BUTENE(...	8.306	53	5525	1.57	UG/L		86
83)	BROMOBENZENE	8.186	77	45767	2.01	UG/L		94
84)	1,2,3-TRICHLOROPROPANE	8.269	75	21181	2.01	UG/L		90
85)	N-PROPYLBENZENE	8.336	91	119327	2.01	UG/L		97
86)	2-CHLOROT0LUENE	8.395	91	78980	2.03	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	92650	1.99	UG/L		98
88)	4-CHLOROTOLUENE	8.509	91	88757	2.01	UG/L		98
90)	TERT-BUTYLBENZENE	8.830	119	69574	2.01	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.880	105	92645	2.03	UG/L		96
92)	SEC-BUTYLBENZENE	9.050	105	92472	2.02	UG/L		97
93)	1,3-DICHLOROBENZENE	9.123	146	50187	1.94	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.204	119	77983	1.96	UG/L		98
95)	1,4-DICHLOROBENZENE	9.212	146	56599	2.01	UG/L	#	92
96)	N-BUTYLBENZENE	9.608	91	59534	1.80	UG/L		97
97)	1,2-DICHLOROBENZENE	9.572	146	50507	2.01	UG/L		96
98)	1,2-DIBROMO-3-CHLOROPR...	10.341	75	1838	3.28	UG/L	#	87
99)	1,3,5-TRICHLOROBENZENE	10.550	180	20206	1.29	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.150	180	4272	2.05	UG/L		90
101)	HEXACHLOROBUTADIENE	11.345	225	9100	1.53	UG/L		99
102)	NAPHTHALENE	11.387	128	1975m	3.35	UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.621	180	1706	2.95	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087009.D
Acq On : 27 Mar 2012 4:14 pm
Operator :
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 28 12:51:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087010.D
Acq On : 27 Mar 2012 4:45 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 13:34:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	538901	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	853192	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	450424	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	468842	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	226743	26.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.88%				
49) TOLUENE SS	5.486	98	800100	25.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.24%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	370709	24.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	68224	10.43	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	98520	7.51	UG/L		95
5) CHLOROMETHANE	0.910	50	48248	7.72	UG/L		100
6) VINYL CHLORIDE	0.957	62	53464	6.72	UG/L		98
7) BROMOMETHANE	1.100	94	34489	9.30	UG/L		93
8) CHLOROETHANE	1.141	64	22852	6.13	UG/L		95
9) FLUORODICHLOROMETHANE	1.225	67	67031	5.10	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.256	101	67996	5.57	UG/L		97
12) DI ETHYL ETHER	1.387	59	30540	5.07	UG/L		96
13) ACROLEIN	1.451	56	57213	57.98	UG/L		95
14) ACETONE	1.532	43	116849	63.15	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	61532	5.72	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	32354	5.42	UG/L		96
17) IODOMETHANE	1.582	142	586244	54.17	UG/L		97
20) METHYL ACETATE	1.705	43	32928	6.29	UG/L		98
21) T-BUTYL ALCOHOL	1.839	59	34753	62.24	UG/L	#	80
22) ACRYLONITRILE	1.917	53	27386	6.14	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	67536	6.03	UG/L		99
24) CARBON DISULFIDE	1.616	76	1071954	61.33	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	151822	5.60	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.928	61	100794	5.73	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	117399	5.42	UG/L		99
28) VINYL ACETATE	2.268	43	1602145	58.09	UG/L	#	95
29) DI ISOPROYL ETHER	2.282	45	235228	5.94	UG/L		91
31) 2-BUTANONE	2.739	43	329204	66.27	UG/L		97
32) T-BUTYL ETHYL ETHER	2.586	59	186385	5.37	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.703	61	118316	5.63	UG/L		97
34) 2,2-DICHLOROPROPANE	2.703	77	76300	5.22	UG/L		100
35) ETHYL ACETATE	2.806	43	85443	6.24	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	68028	5.58	UG/L		93
39) TETRAHYDROFURAN	2.996	42	20853	6.57	UG/L		89
40) CHLOROFORM	3.032	83	111425	5.33	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	94472	5.05	UG/L		97
42) CYCLOHEXANE	3.255	56	116606	5.82	UG/L		97
43) CARBON TETRACHLORIDE	3.372	117	66904	4.41	UG/L		98
44) 1,1-DICHLOROPROPENE	3.378	75	84921	5.53	UG/L		98
45) BENZENE	3.590	78	258701	5.60	UG/L		98
47) T-AMYLMETHYL ETHER	3.740	73	149671	5.19	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.618	62	100397	5.63	UG/L		99
51) TRICHLOROETHENE	4.259	95	69854	5.37	UG/L		97
52) METHYLCYCLOHEXANE	4.435	83	72089	5.14	UG/L	#	90
53) 1,2-DICHLOROPROPANE	4.488	63	67561	5.25	UG/L	#	99
54) DIBROMOMETHANE	4.597	93	45355	5.57	UG/L		95

Data Path : X:\1\DATA\032712\
Data File : VC087010.D
Acq On : 27 Mar 2012 4:45 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

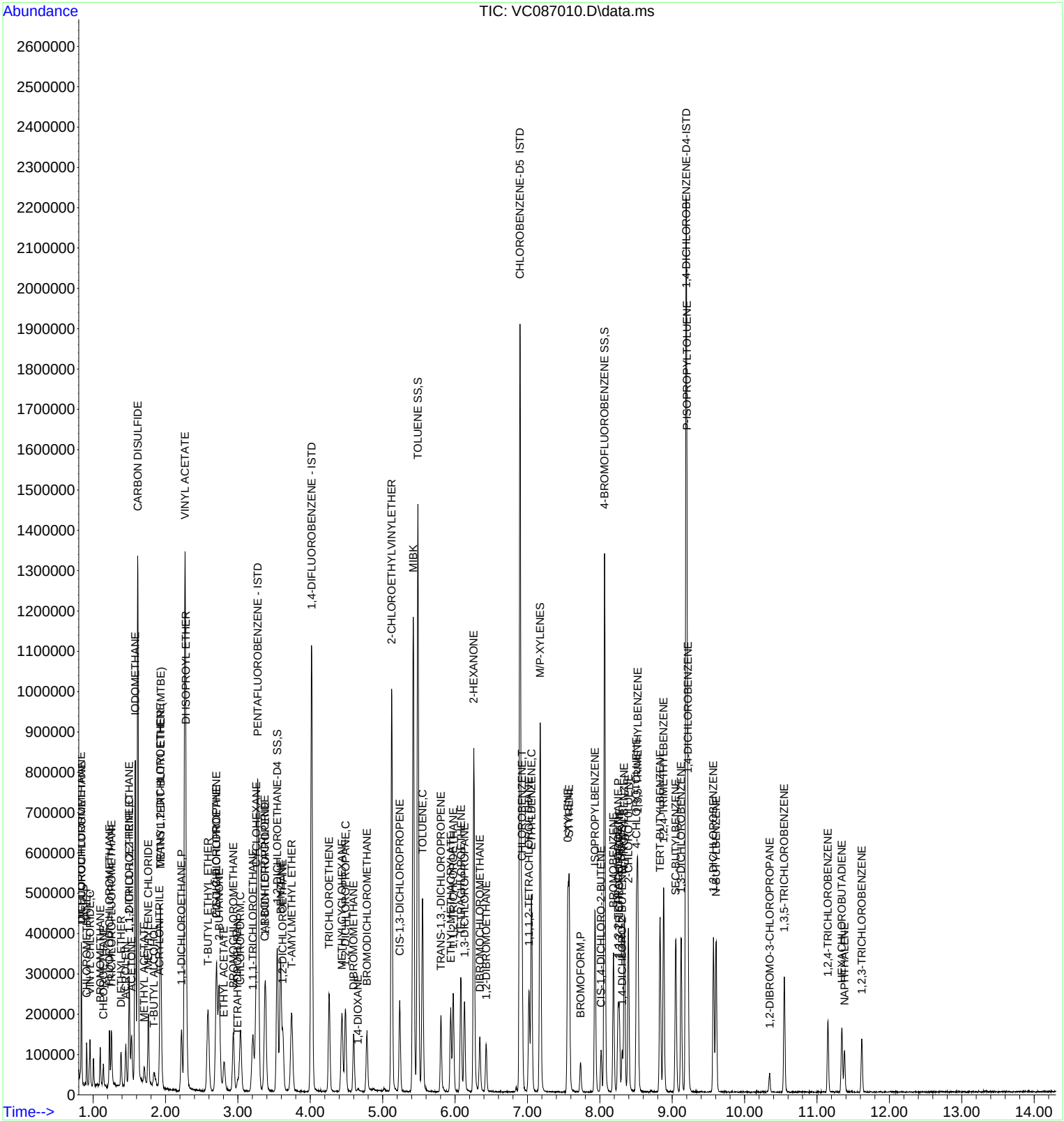
Quant Time: Mar 28 13:34:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.658	88	5219m	66.24	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	80005	5.16	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.124	63	350573	60.40	UG/L		98
59) MIBK	5.422	43	729088	66.42	UG/L	#	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	97203	5.20	UG/L		96
61) TOLUENE	5.550	91	284091	5.49	UG/L		98
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	75407	4.95	UG/L		97
63) ETHYL METHACRYLATE	5.941	69	80353	5.43	UG/L		94
64) 1,1,2-TRICHLOROETHANE	5.974	97	61646	5.48	UG/L		99
65) 2-HEXANONE	6.259	43	476083	66.29	UG/L		96
66) TETRACHLOROETHENE	6.083	166	70238	5.03	UG/L		96
67) 1,3-DICHLOROPROPANE	6.130	76	99306	5.59	UG/L		99
68) DIBROMOCHLOROMETHANE	6.342	129	56314	5.70	UG/L		99
69) 1,2-DIBROMOETHANE	6.429	107	65091	5.57	UG/L		97
72) CHLOROBENZENE	6.925	112	186579	5.35	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	53681	4.70	UG/L		97
74) ETHYLBENZENE	7.056	91	306915	5.26	UG/L		99
75) M/P-XYLENES	7.176	91	472315	10.63	UG/L		98
76) 0-XYLENE	7.558	91	234349	5.30	UG/L		100
77) STYRENE	7.578	104	198507	5.18	UG/L		100
78) BROMOFORM	7.734	173	27226	5.64	UG/L		100
79) ISOPROPYLBENZENE	7.932	105	264596	5.23	UG/L		97
80) CIS-1,4-DICHLORO-2-BUTENE	8.015	53	20871	4.76	UG/L	#	70
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	73550	5.59	UG/L		97
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	19759	4.60	UG/L	#	84
83) BROMOBENZENE	8.188	77	115703	5.27	UG/L		94
84) 1,2,3-TRICHLOROPROPANE	8.269	75	58811	5.78	UG/L		96
85) N-PROPYLBENZENE	8.336	91	304473	5.32	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	196917	5.25	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	239420	5.32	UG/L		99
88) 4-CHLOROTOLUENE	8.506	91	222878	5.23	UG/L		98
90) TERT-BUTYLBENZENE	8.833	119	178412	5.20	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	240599	5.30	UG/L		99
92) SEC-BUTYLBENZENE	9.047	105	235936	5.20	UG/L		98
93) 1,3-DICHLOROBENZENE	9.123	146	135214	5.27	UG/L		98
94) P-ISOPROPYLTOLUENE	9.203	119	210948	5.34	UG/L		100
95) 1,4-DICHLOROBENZENE	9.217	146	147916	5.28	UG/L		98
96) N-BUTYLBENZENE	9.608	91	181993	5.54	UG/L		97
97) 1,2-DICHLOROBENZENE	9.569	146	130290	5.22	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	8014	6.26	UG/L	#	73
99) 1,3,5-TRICHLOROBENZENE	10.548	180	75233	4.63	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	46457	5.02	UG/L		97
101) HEXACHLOROBUTADIENE	11.345	225	28278	4.79	UG/L		98
102) NAPHTHALENE	11.381	128	67848	5.55	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	34241	5.75	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087010.D
Acq On : 27 Mar 2012 4:45 pm
Operator :
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 13:34:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087011.D
Acq On : 27 Mar 2012 5:15 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 13:52:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	513843	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	834841	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	443542	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	454617	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	214700	26.28	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.12%				
49) TOLUENE SS	5.489	98	762525	24.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	359024	24.40	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	136581	22.99	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.840	51	192105	15.36	UG/L		96
5) CHLOROMETHANE	0.913	50	101310	17.01	UG/L		97
6) VINYL CHLORIDE	0.960	62	111299	14.66	UG/L		99
7) BROMOMETHANE	1.100	94	49781	14.89	UG/L		97
8) CHLOROETHANE	1.144	64	47638	13.40	UG/L		97
9) FLUORODICHLOROMETHANE	1.228	67	151276	12.06	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	153698	13.20	UG/L		99
11) ETHANOL	1.342	45	5489m	84.36	UG/L		
12) DI ETHYL ETHER	1.387	59	60749	10.57	UG/L		97
13) ACROLEIN	1.451	56	104455	111.02	UG/L		98
14) ACETONE	1.532	43	195433	110.77	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	133339	13.00	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	72440	12.72	UG/L		97
17) IODOMETHANE	1.585	142	1474073	142.85	UG/L		96
20) METHYL ACETATE	1.707	43	61474	12.31	UG/L		98
21) T-BUTYL ALCOHOL	1.844	59	44122	82.88	UG/L	#	92
22) ACRYLONITRILE	1.919	53	43301	10.19	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	134002	12.54	UG/L		96
24) CARBON DISULFIDE	1.621	76	2312566	138.76	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	270215	10.45	UG/L		96
26) TRANS 1,2-DICHLOROETHENE	1.931	61	201908	12.03	UG/L		98
27) 1,1-DICHLOROETHANE	2.223	63	236894	11.46	UG/L		99
28) VINYL ACETATE	2.271	43	2719900	103.43	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	446332	11.82	UG/L		93
31) 2-BUTANONE	2.736	43	497916	105.12	UG/L		95
32) T-BUTYL ETHYL ETHER	2.586	59	348216	10.51	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	230142	11.48	UG/L		98
34) 2,2-DICHLOROPROPANE	2.706	77	144404	10.36	UG/L	#	77
35) ETHYL ACETATE	2.809	43	137497	10.53	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	135998	11.69	UG/L		92
39) TETRAHYDROFURAN	2.999	42	29185	9.64	UG/L		97
40) CHLOROFORM	3.038	83	223457	11.21	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.211	97	191408	10.73	UG/L		97
42) CYCLOHEXANE	3.252	56	219664	11.51	UG/L		99
43) CARBON TETRACHLORIDE	3.375	117	142572	9.85	UG/L		98
44) 1,1-DICHLOROPROPENE	3.383	75	169857	11.60	UG/L		99
45) BENZENE	3.590	78	509365	11.57	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	275430	10.01	UG/L		95
50) 1,2-DICHLOROETHANE	3.620	62	192104	11.00	UG/L		100
51) TRICHLOROETHENE	4.265	95	139378	10.94	UG/L		99
52) METHYLCYCLOHEXANE	4.440	83	149508	10.89	UG/L		98
53) 1,2-DICHLOROPROPANE	4.491	63	132047	10.49	UG/L		99

Data Path : X:\1\DATA\032712\
Data File : VC087011.D
Acq On : 27 Mar 2012 5:15 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 13:52:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

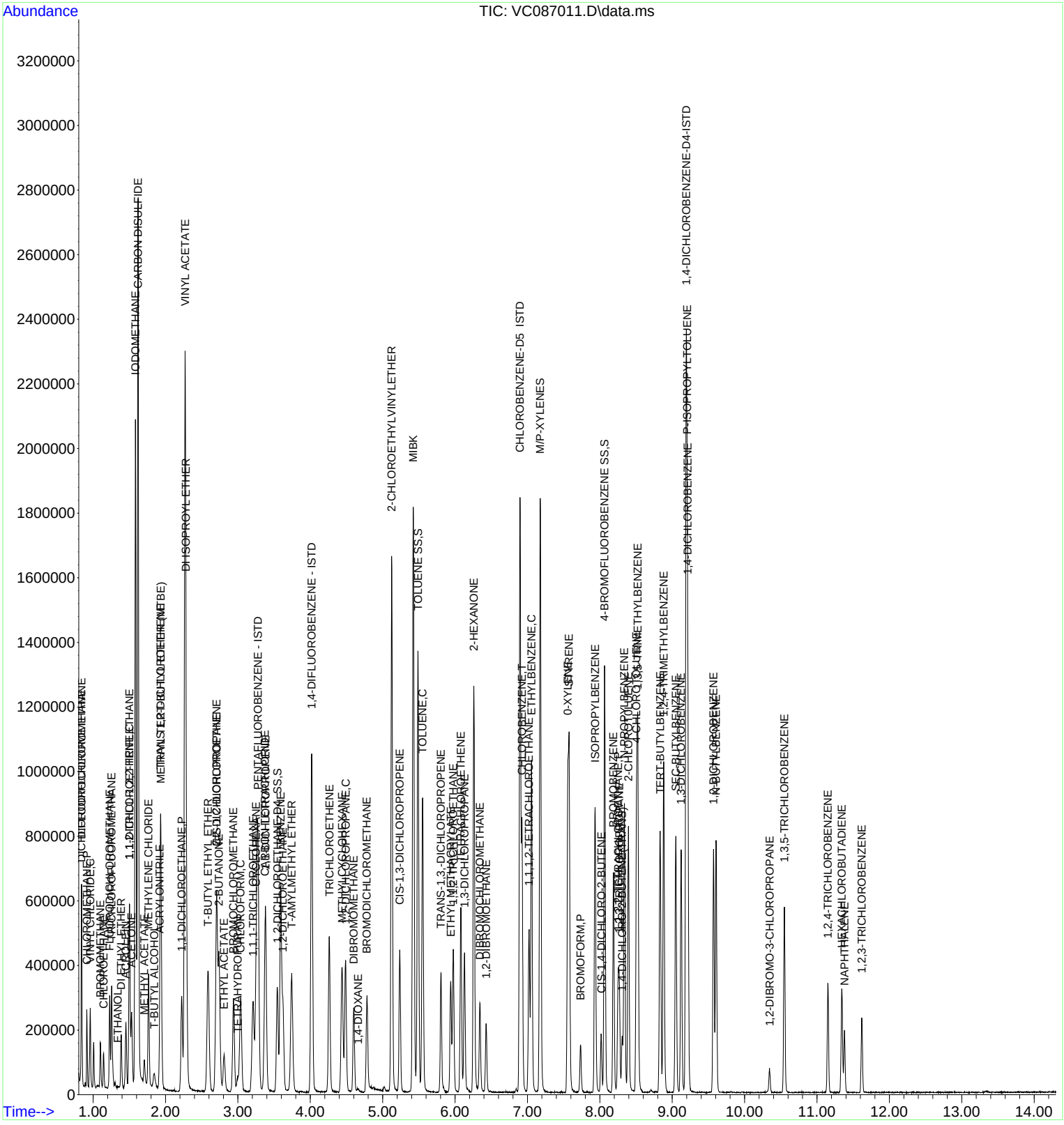
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
54) DIBROMOMETHANE	4.602	93	82816	10.40 UG/L	97
56) 1,4-DIOXANE	4.661	88	6475m	83.98 UG/L	
57) BROMODICHLOROMETHANE	4.781	83	159960	10.54 UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.124	63	581913	102.46 UG/L	97
59) MIBK	5.422	43	1118925	104.17 UG/L	93
60) CIS-1,3-DICHLOROPROPENE	5.235	75	194382	10.64 UG/L	97
61) TOLUENE	5.550	91	559835	11.06 UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	150817	10.13 UG/L	96
63) ETHYL METHACRYLATE	5.941	69	142075	9.82 UG/L	96
64) 1,1,2-TRICHLOROETHANE	5.974	97	115777	10.52 UG/L	98
65) 2-HEXANONE	6.261	43	719122	102.33 UG/L	96
66) TETRACHLOROETHENE	6.080	166	144990	10.60 UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	187086	10.76 UG/L	98
68) DIBROMOCHLOROMETHANE	6.345	129	113963	11.79 UG/L	99
69) 1,2-DIBROMOETHANE	6.429	107	116522	10.19 UG/L	99
72) CHLOROBENZENE	6.925	112	364393	10.61 UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	112554	10.02 UG/L	99
74) ETHYLBENZENE	7.056	91	626508	10.90 UG/L	97
75) M/P-XYLENES	7.176	91	934106	21.35 UG/L	96
76) 0-XYLENE	7.558	91	468573	10.76 UG/L	99
77) STYRENE	7.575	104	399691	10.59 UG/L	98
78) BROMOFORM	7.734	173	56196	11.83 UG/L	99
79) ISOPROPYLBENZENE	7.934	105	529662	10.64 UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	35548	8.23 UG/L #	76
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	129001	9.95 UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	34521	7.81 UG/L	88
83) BROMOBENZENE	8.188	77	227730	10.54 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	102148	10.19 UG/L	95
85) N-PROPYLBENZENE	8.339	91	618314	10.97 UG/L	97
86) 2-CHLOROT0LUENE	8.395	91	398202	10.77 UG/L	96
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	480715	10.85 UG/L	100
88) 4-CHLOROTOLUENE	8.506	91	455789	10.86 UG/L	98
90) TERT-BUTYLBENZENE	8.835	119	360249	10.83 UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	480705	10.92 UG/L	100
92) SEC-BUTYLBENZENE	9.050	105	491017	11.17 UG/L	98
93) 1,3-DICHLOROBENZENE	9.122	146	266304	10.71 UG/L	100
94) P-ISOPROPYLTOLUENE	9.206	119	426187	11.12 UG/L	99
95) 1,4-DICHLOROBENZENE	9.214	146	289853	10.67 UG/L	97
96) N-BUTYLBENZENE	9.605	91	370236	11.63 UG/L	97
97) 1,2-DICHLOROBENZENE	9.571	146	259313	10.71 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	12935	8.83 UG/L	93
99) 1,3,5-TRICHLOROBENZENE	10.550	180	154438	9.71 UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	86833	8.05 UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	57967	10.14 UG/L	99
102) NAPHTHALENE	11.381	128	120545	7.44 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	58220	7.97 UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087011.D
Acq On : 27 Mar 2012 5:15 pm
Operator :
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 28 13:52:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087012.D
Acq On : 27 Mar 2012 5:45 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 28 13:35:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	527361	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.016	114	843484	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	448641	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	475675	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	221222	26.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.56%				
49) TOLUENE SS	5.486	98	785431	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	371331	24.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	274302	45.94	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.837	51	383374	29.87	UG/L		98
5) CHLOROMETHANE	0.910	50	210489	34.44	UG/L		100
6) VINYL CHLORIDE	0.957	62	220256	28.27	UG/L		100
7) BROMOMETHANE	1.091	94	50942	14.85	UG/L		99
8) CHLOROETHANE	1.136	64	72334	19.82	UG/L		98
9) FLUORODICHLOROMETHANE	1.225	67	263440	20.46	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.250	101	267370	22.37	UG/L		99
11) ETHANOL	1.348	45	11048m	165.44	UG/L		
12) DI ETHYL ETHER	1.387	59	126591	21.46	UG/L		100
13) ACROLEIN	1.454	56	224324	232.32	UG/L		96
14) ACETONE	1.532	43	458284	253.10	UG/L		100
15) 1,1-DICHLOROETHENE	1.498	61	249752	23.73	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.495	101	136720	23.39	UG/L		99
17) IODOMETHANE	1.579	142	2680373	253.09	UG/L		96
20) METHYL ACETATE	1.707	43	142880	27.87	UG/L		99
21) T-BUTYL ALCOHOL	1.847	59	150151	274.81	UG/L	#	95
22) ACRYLONITRILE	1.919	53	109965	25.21	UG/L		98
23) METHYLENE CHLORIDE	1.763	49	240137	21.89	UG/L		96
24) CARBON DISULFIDE	1.615	76	4261574	249.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	650194	24.50	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.928	61	412650	23.96	UG/L		97
27) 1,1-DICHLOROETHANE	2.218	63	481906	22.72	UG/L		99
28) VINYL ACETATE	2.268	43	6378027	236.31	UG/L	#	95
29) DI ISOPROYL ETHER	2.285	45	922540	23.80	UG/L		92
31) 2-BUTANONE	2.742	43	1353337	278.40	UG/L		97
32) T-BUTYL ETHYL ETHER	2.586	59	787463	23.17	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	486299	23.63	UG/L		97
34) 2,2-DICHLOROPROPANE	2.700	77	335852	23.48	UG/L		100
35) ETHYL ACETATE	2.806	43	356928	26.64	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	282177	23.64	UG/L		94
39) TETRAHYDROFURAN	2.999	42	79770	25.66	UG/L		96
40) CHLOROFORM	3.032	83	465076	22.74	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.202	97	403877	22.05	UG/L		98
42) CYCLOHEXANE	3.250	56	447602	22.85	UG/L		97
43) CARBON TETRACHLORIDE	3.369	117	305969	20.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.378	75	352511	23.45	UG/L		99
45) BENZENE	3.590	78	1038699	22.98	UG/L		100
47) T-AMYLMETHYL ETHER	3.743	73	649272	22.99	UG/L		96
50) 1,2-DICHLOROETHANE	3.620	62	417307	23.66	UG/L		100
51) TRICHLOROETHENE	4.259	95	284149	22.08	UG/L		99
52) METHYLCYCLOHEXANE	4.438	83	306227	22.09	UG/L		98
53) 1,2-DICHLOROPROPANE	4.488	63	275677	21.67	UG/L		99

Data Path : X:\1\DATA\032712\
Data File : VC087012.D
Acq On : 27 Mar 2012 5:45 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

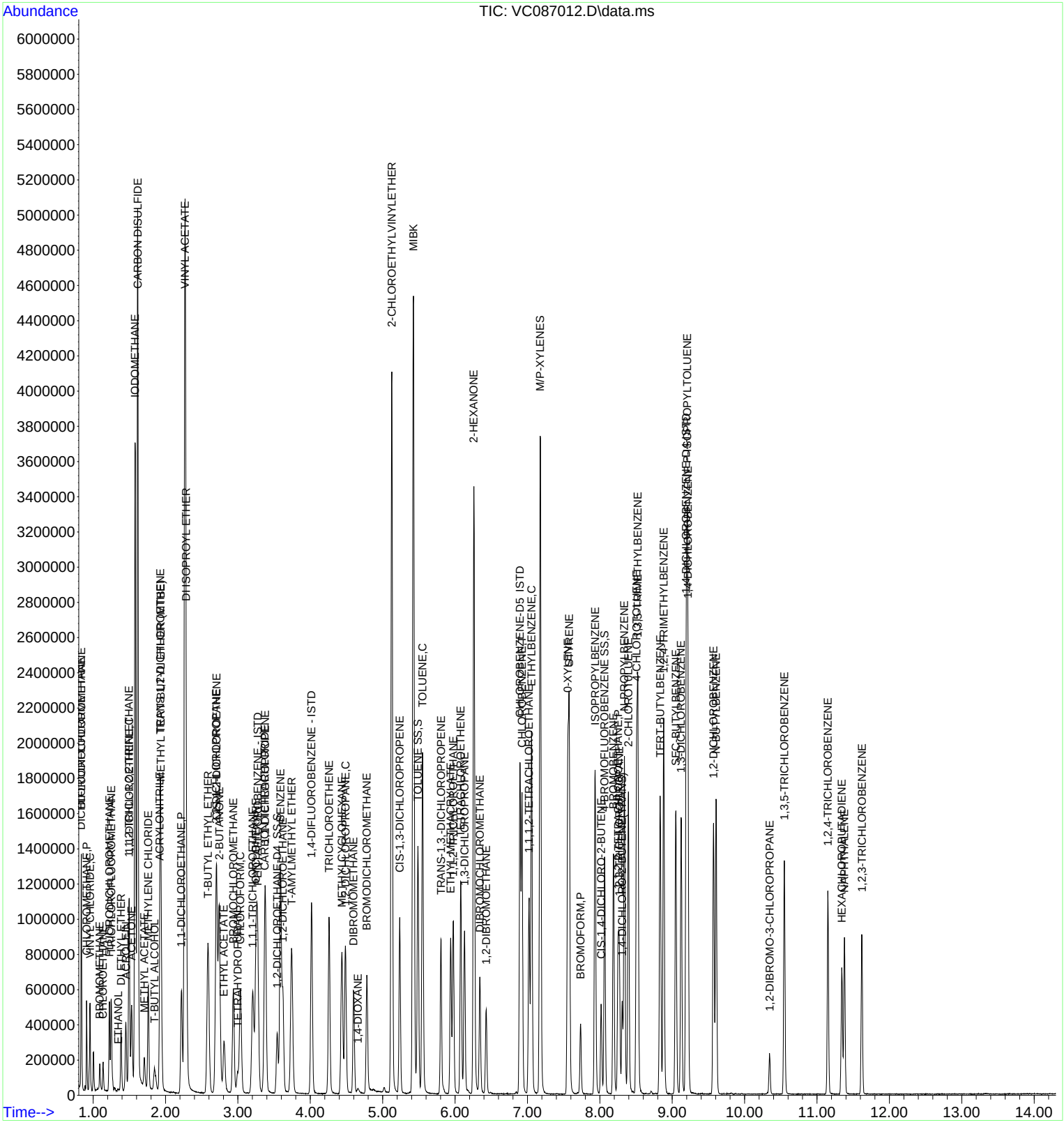
Quant Time: Mar 28 13:35:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	4.596	93	188188	23.40	UG/L	96
56) 1,4-DIOXANE	4.658	88	22385m	287.36	UG/L	
57) BROMODICHLOROMETHANE	4.781	83	355288	23.17	UG/L	99
58) 2-CHLOROETHYLVINYLETHER	5.126	63	1487914	259.29	UG/L	97
59) MIBK	5.425	43	2860021	263.54	UG/L	94
60) CIS-1,3-DICHLOROPROPENE	5.235	75	431505	23.37	UG/L	98
61) TOLUENE	5.550	91	1160459	22.69	UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	360220	23.94	UG/L	98
63) ETHYL METHACRYLATE	5.941	69	347824	23.79	UG/L	94
64) 1,1,2-TRICHLOROETHANE	5.974	97	260438	23.43	UG/L	99
65) 2-HEXANONE	6.258	43	1979084	278.73	UG/L	96
66) TETRACHLOROETHENE	6.077	166	307937	22.29	UG/L	99
67) 1,3-DICHLOROPROPANE	6.130	76	410818	23.38	UG/L	100
68) DIBROMOCHLOROMETHANE	6.342	129	275456	28.21	UG/L	100
69) 1,2-DIBROMOETHANE	6.431	107	272538	23.60	UG/L	99
72) CHLOROBENZENE	6.925	112	763161	21.97	UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	253508	22.30	UG/L	98
74) ETHYLBENZENE	7.056	91	1289261	22.18	UG/L	99
75) M/P-XYLENES	7.176	91	1932807	43.67	UG/L	97
76) 0-XYLENE	7.558	91	965288	21.92	UG/L	99
77) STYRENE	7.578	104	842765	22.09	UG/L	98
78) BROMOFORM	7.734	173	151434	31.51	UG/L	99
79) ISOPROPYLBENZENE	7.934	105	1101647	21.88	UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	99312	22.73	UG/L	83
81) 1,1,2,2-TETRACHLOROETHANE	8.252	83	324879	24.77	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	102570	22.06	UG/L	87
83) BROMOBENZENE	8.188	77	474601	21.71	UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	246368	24.30	UG/L	97
85) N-PROPYLBENZENE	8.339	91	1280157	22.46	UG/L	98
86) 2-CHLOROT0LUENE	8.395	91	816113	21.83	UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	999860	22.32	UG/L	100
88) 4-CHLOROTOLUENE	8.509	91	939253	22.13	UG/L	100
90) TERT-BUTYLBENZENE	8.835	119	746138	21.44	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	1010663	21.94	UG/L	99
92) SEC-BUTYLBENZENE	9.050	105	1004334	21.83	UG/L	98
93) 1,3-DICHLOROBENZENE	9.122	146	568223	21.83	UG/L	99
94) P-ISOPROPYLTOLUENE	9.206	119	885149	22.07	UG/L	100
95) 1,4-DICHLOROBENZENE	9.217	146	622419	21.90	UG/L	99
96) N-BUTYLBENZENE	9.605	91	797332	23.94	UG/L	97
97) 1,2-DICHLOROBENZENE	9.571	146	557625	22.02	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	41324	22.04	UG/L	95
99) 1,3,5-TRICHLOROBENZENE	10.550	180	359448	21.50	UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.150	180	289757	21.84	UG/L	98
101) HEXACHLOROBUTADIENE	11.342	225	131420	21.96	UG/L	99
102) NAPHTHALENE	11.378	128	587355	22.62	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	236375	22.84	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087012.D
Acq On : 27 Mar 2012 5:45 pm
Operator :
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 28 13:35:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087013.D
Acq On : 27 Mar 2012 6:15 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 13:31:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	556634	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	905597	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	478081	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	504708	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	232648	26.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.16%				
49) TOLUENE SS	5.489	98	837381	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
71) 4-BROMOFLUOROBENZENE SS	8.068	95	400695	25.27	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	458725	73.36	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	785395	57.98	UG/L		98
5) CHLOROMETHANE	0.913	50	408754	63.36	UG/L		100
6) VINYL CHLORIDE	0.960	62	475973	57.88	UG/L		100
7) BROMOMETHANE	1.102	94	233292	69.68	UG/L		100
8) CHLOROETHANE	1.144	64	221322	57.45	UG/L		100
9) FLUORODICHLOROMETHANE	1.228	67	758405	55.81	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	710532	56.32	UG/L		100
12) DI ETHYL ETHER	1.387	59	328843	52.80	UG/L		98
13) ACROLEIN	1.454	56	601579	590.25	UG/L		99
14) ACETONE	1.532	43	967602	506.29	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	628294	56.55	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	346592	56.17	UG/L		99
17) IODOMETHANE	1.585	142	5736947	513.22	UG/L		95
20) METHYL ACETATE	1.707	43	274733	50.77	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	237932	412.57	UG/L	#	97
22) ACRYLONITRILE	1.919	53	233517	50.71	UG/L		98
23) METHYLENE CHLORIDE	1.766	49	573867	49.57	UG/L		96
24) CARBON DISULFIDE	1.621	76	6901660	382.28	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	1392631	49.72	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.933	61	985431	54.21	UG/L		98
27) 1,1-DICHLOROETHANE	2.226	63	1171093	52.31	UG/L		99
28) VINYL ACETATE	2.271	43	12395211	435.10	UG/L		96
29) DI ISOPROYL ETHER	2.287	45	2163830	52.90	UG/L		93
31) 2-BUTANONE	2.739	43	2658654	518.15	UG/L		97
32) T-BUTYL ETHYL ETHER	2.589	59	1807931	50.39	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	1142154	52.57	UG/L		99
34) 2,2-DICHLOROPROPANE	2.703	77	737805	48.86	UG/L		100
35) ETHYL ACETATE	2.809	43	674897	47.73	UG/L		100
38) BROMOCHLOROMETHANE	2.940	49	676257	53.68	UG/L		94
39) TETRAHYDROFURAN	2.993	42	159794	48.71	UG/L		98
40) CHLOROFORM	3.038	83	1138806	52.74	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.208	97	1023611	52.95	UG/L		98
42) CYCLOHEXANE	3.258	56	1080653	52.26	UG/L		98
43) CARBON TETRACHLORIDE	3.375	117	817588	52.14	UG/L		99
44) 1,1-DICHLOROPROPENE	3.381	75	849809	53.57	UG/L		99
45) BENZENE	3.593	78	2492382	52.24	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	1447054	48.55	UG/L		95
50) 1,2-DICHLOROETHANE	3.623	62	984766	52.00	UG/L		100
51) TRICHLOROETHENE	4.262	95	706018	51.11	UG/L		99
52) METHYLCYCLOHEXANE	4.440	83	762597	51.23	UG/L		98
53) 1,2-DICHLOROPROPANE	4.488	63	685394	50.17	UG/L		99
54) DIBROMOMETHANE	4.599	93	434847	50.36	UG/L		98

Data Path : X:\1\DATA\032712\
Data File : VC087013.D
Acq On : 27 Mar 2012 6:15 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

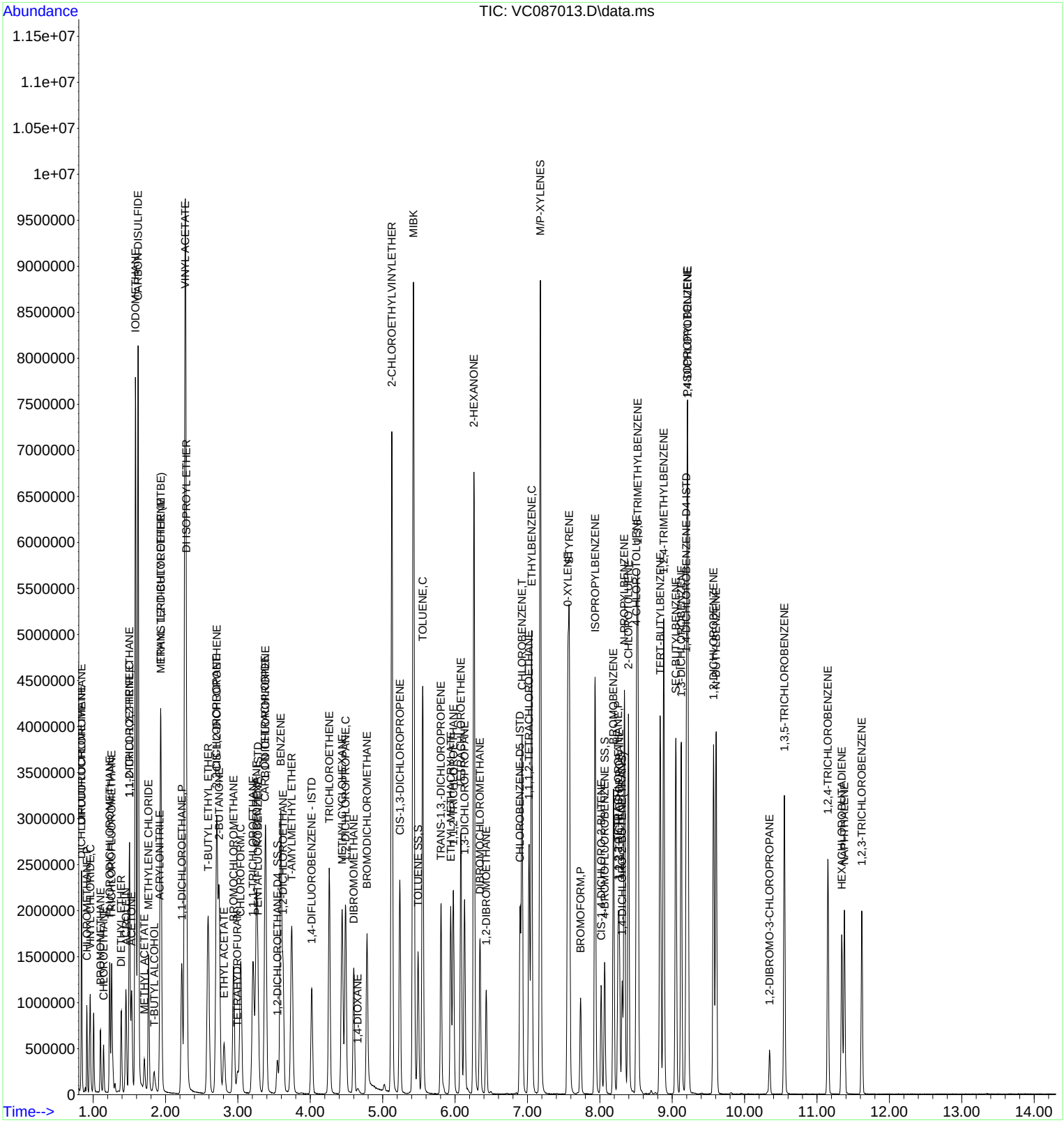
Quant Time: Mar 28 13:31:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56)	1,4-DIOXANE	4.655	88	38990m	466.19	UG/L	
57)	BROMODICHLOROMETHANE	4.783	83	913521	55.50	UG/L	99
58)	2-CHLOROETHYLVINYLETHER	5.126	63	2685254	435.86	UG/L	98
59)	MIBK	5.425	43	5600766	480.68	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	1063151	53.62	UG/L	98
61)	TOLUENE	5.553	91	2759037	50.24	UG/L	99
62)	TRANS-1,3,-DICHLOROPRO...	5.804	75	863091	53.42	UG/L	99
63)	ETHYL METHACRYLATE	5.941	69	809952	51.61	UG/L	96
64)	1,1,2-TRICHLOROETHANE	5.977	97	601239	50.38	UG/L	98
65)	2-HEXANONE	6.261	43	3862295	506.65	UG/L	96
66)	TETRACHLOROETHENE	6.080	166	741337	49.97	UG/L	99
67)	1,3-DICHLOROPROPANE	6.130	76	947382	50.21	UG/L	100
68)	DIBROMOCHLOROMETHANE	6.345	129	729163	69.55	UG/L	99
69)	1,2-DIBROMOETHANE	6.431	107	612172	49.37	UG/L	99
72)	CHLOROBENZENE	6.925	112	1814184	49.00	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.023	131	656023	54.16	UG/L	99
74)	ETHYLBENZENE	7.059	91	3077261	49.67	UG/L	98
75)	M/P-XYLENES	7.179	91	4570386	96.91	UG/L	97
76)	0-XYLENE	7.558	91	2315537	49.33	UG/L	99
77)	STYRENE	7.577	104	2035888	50.07	UG/L	98
78)	BROMOFORM	7.734	173	400545	78.22	UG/L	99
79)	ISOPROPYLBENZENE	7.934	105	2672196	49.80	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.018	53	222216	47.72	UG/L	88
81)	1,1,2,2-TETRACHLOROETHANE	8.252	83	676783	48.42	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	231658	46.25	UG/L	93
83)	BROMOBENZENE	8.188	77	1145072	49.15	UG/L	97
84)	1,2,3-TRICHLOROPROPANE	8.269	75	525841	48.68	UG/L	97
85)	N-PROPYLBENZENE	8.339	91	3085158	50.79	UG/L	98
86)	2-CHLOROT0LUENE	8.395	91	1962891	49.26	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	2415386	50.59	UG/L	99
88)	4-CHLOROTOLUENE	8.506	91	2263217	50.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.835	119	1819591	49.27	UG/L	100
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	2446580	50.05	UG/L	100
92)	SEC-BUTYLBENZENE	9.050	105	2449948	50.18	UG/L	98
93)	1,3-DICHLOROBENZENE	9.125	146	1389337	50.32	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.206	119	2147235	50.45	UG/L	100
95)	1,4-DICHLOROBENZENE	9.214	146	1475718	48.93	UG/L	100
96)	N-BUTYLBENZENE	9.605	91	1924385	54.45	UG/L	98
97)	1,2-DICHLOROBENZENE	9.571	146	1333319	49.61	UG/L	100
98)	1,2-DIBROMO-3-CHLOROPR...	10.344	75	91191	43.25	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.550	180	894023	50.29	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.150	180	688573	46.75	UG/L	100
101)	HEXACHLOROBUTADIENE	11.342	225	317186	49.96	UG/L	99
102)	NAPHTHALENE	11.378	128	1275281	42.85	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.618	180	521087	44.43	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087013.D
Acq On : 27 Mar 2012 6:15 pm
Operator :
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 28 13:31:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087014.D
Acq On : 27 Mar 2012 6:45 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 28 13:53:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	583242	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	944090	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	498398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	535127	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.543	65	242383	26.14	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%				
49) TOLUENE SS	5.492	98	873371	25.22	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.88%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	424109	25.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	870353	133.65	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.838	51	1508223	106.26	UG/L		98
5) CHLOROMETHANE	0.910	50	787322	116.47	UG/L		99
6) VINYL CHLORIDE	0.957	62	869129	100.88	UG/L		99
7) BROMOMETHANE	1.097	94	373180	107.20	UG/L		100
8) CHLOROETHANE	1.141	64	379962	94.13	UG/L		100
9) FLUORODICHLOROMETHANE	1.225	67	1368205	96.09	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	1275613	96.49	UG/L		99
11) ETHANOL	1.353	45	7346	99.46	UG/L	#	50
12) DI ETHYL ETHER	1.384	59	631797	96.82	UG/L		100
13) ACROLEIN	1.451	56	1194673	1118.70	UG/L		97
14) ACETONE	1.529	43	2206081	1101.65	UG/L		99
15) 1,1-DICHLOROETHENE	1.498	61	1133224	97.34	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.496	101	651835	100.82	UG/L		98
17) IODOMETHANE	1.582	142	9564999	816.64	UG/L		95
20) METHYL ACETATE	1.705	43	663269	116.98	UG/L		99
21) T-BUTYL ALCOHOL	1.847	59	760345	1258.28	UG/L	#	96
22) ACRYLONITRILE	1.920	53	520438	107.86	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	1041616	85.86	UG/L		98
24) CARBON DISULFIDE	1.616	76	11466546	606.14	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	3101981	105.69	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	1.928	61	1847249	96.98	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	2308503	98.42	UG/L		100
28) VINYL ACETATE	2.109	43	573	0.02	UG/L	#	75
29) DI ISOPROYL ETHER	2.288	45	3959682	92.38	UG/L		95
31) 2-BUTANONE	2.742	43	6446523	1199.06	UG/L		98
32) T-BUTYL ETHYL ETHER	2.586	59	3939810	104.80	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	2241264	98.46	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	1638566	103.56	UG/L		100
35) ETHYL ACETATE	2.809	43	1669605	112.69	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	1313758	99.53	UG/L		96
39) TETRAHYDROFURAN	2.996	42	408624	118.87	UG/L		98
40) CHLOROFORM	3.038	83	2281127	100.83	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.205	97	2090445	103.21	UG/L		99
42) CYCLOHEXANE	3.252	56	2129784	98.30	UG/L		99
43) CARBON TETRACHLORIDE	3.372	117	1759793	107.12	UG/L		100
44) 1,1-DICHLOROPROPENE	3.381	75	1672967	100.65	UG/L		99
45) BENZENE	3.590	78	4901496	98.05	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	3275340	104.88	UG/L		97
50) 1,2-DICHLOROETHANE	3.623	62	2004722	101.55	UG/L		100
51) TRICHLOROETHENE	4.262	95	1415042	98.25	UG/L		99
52) METHYLCYCLOHEXANE	4.438	83	1555104	100.21	UG/L		98
53) 1,2-DICHLOROPROPANE	4.488	63	1357099	95.29	UG/L		100

Data Path : X:\1\DATA\032712\
Data File : VC087014.D
Acq On : 27 Mar 2012 6:45 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

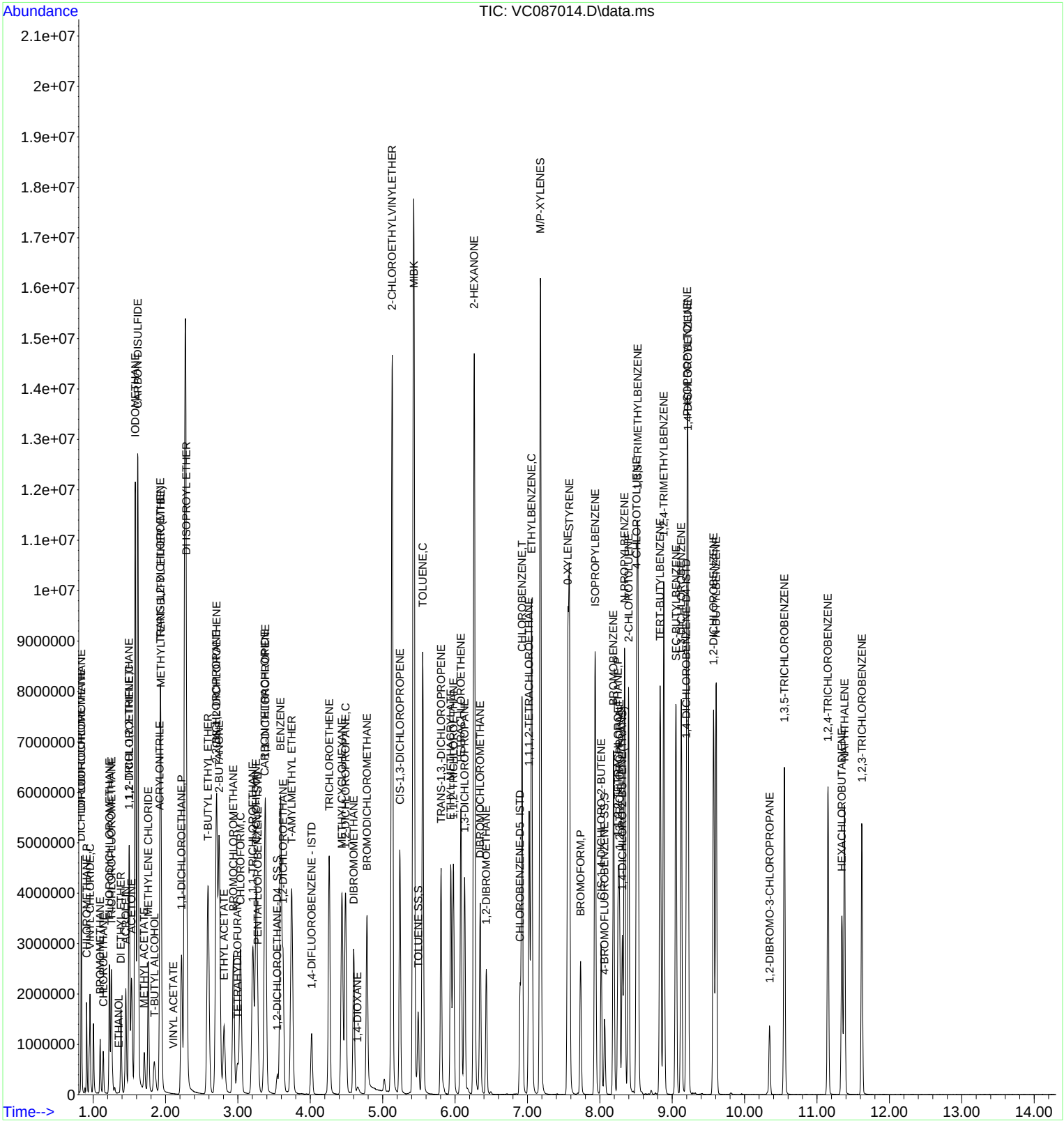
Quant Time: Mar 28 13:53:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) DIBROMOMETHANE	4.599	93	917830	101.95	UG/L	98
56) 1,4-DIOXANE	4.652	88	120085m	1377.29	UG/L	
57) BROMODICHLOROMETHANE	4.783	83	1915445	111.63	UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.132	63	5915275	920.99	UG/L	99
59) MIBK	5.430	43	11827542	973.71	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.238	75	2174930	105.23	UG/L	99
61) TOLUENE	5.553	91	5396185	94.25	UG/L	99
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	1872876	111.19	UG/L	99
63) ETHYL METHACRYLATE	5.941	69	1825075	111.55	UG/L	98
64) 1,1,2-TRICHLOROETHANE	5.977	97	1239540	99.63	UG/L	98
65) 2-HEXANONE	6.264	43	8836679	1111.91	UG/L	98
66) TETRACHLOROETHENE	6.080	166	1484263	95.97	UG/L	100
67) 1,3-DICHLOROPROPANE	6.130	76	1953800	99.33	UG/L	100
68) DIBROMOCHLOROMETHANE	6.348	129	1614296	147.69	UG/L	100
69) 1,2-DIBROMOETHANE	6.432	107	1329584	102.85	UG/L	100
72) CHLOROBENZENE	6.925	112	3638402	94.27	UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	1380394	109.33	UG/L	99
74) ETHYLBENZENE	7.056	91	6110358	94.61	UG/L	98
75) M/P-XYLENES	7.179	91	8697160	176.90	UG/L	97
76) 0-XYLENE	7.558	91	4553135	93.05	UG/L	99
77) STYRENE	7.580	104	3986905	94.05	UG/L	98
78) BROMOFORM	7.734	173	1005018	188.26	UG/L	100
79) ISOPROPYLBENZENE	7.935	105	5269916	94.21	UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	555464	114.43	UG/L	94
81) 1,1,2,2-TETRACHLOROETHANE	8.253	83	1539351	105.65	UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	583418	111.10	UG/L	96
83) BROMOBENZENE	8.188	77	2289646	94.27	UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.272	75	1197143	106.30	UG/L	99
85) N-PROPYLBENZENE	8.342	91	6129163	96.79	UG/L	98
86) 2-CHLOROT0LUENE	8.398	91	3922436	94.43	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	4713401	94.70	UG/L	99
88) 4-CHLOROTOLUENE	8.509	91	4417159	93.70	UG/L	99
90) TERT-BUTYLBENZENE	8.833	119	3648663	93.18	UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	4833881	93.27	UG/L	100
92) SEC-BUTYLBENZENE	9.053	105	4859413	93.87	UG/L	99
93) 1,3-DICHLOROBENZENE	9.125	146	2764498	94.43	UG/L	100
94) P-ISOPROPYLTOLUENE	9.206	119	4184533	92.74	UG/L	100
95) 1,4-DICHLOROBENZENE	9.217	146	2921324	91.35	UG/L	100
96) N-BUTYLBENZENE	9.608	91	3900512	104.08	UG/L	99
97) 1,2-DICHLOROBENZENE	9.572	146	2754975	96.69	UG/L	100
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	262767	113.42	UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.550	180	1862180	98.72	UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.153	180	1624198	101.86	UG/L	99
101) HEXACHLOROBUTADIENE	11.345	225	663592	98.57	UG/L	100
102) NAPHTHALENE	11.381	128	3794533	114.32	UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.621	180	1412553	109.23	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087014.D
Acq On : 27 Mar 2012 6:45 pm
Operator :
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 28 13:53:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087015.D
Acq On : 27 Mar 2012 7:15 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 13:53:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	591587	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.022	114	969746	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	519929	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.195	152	541415	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.548	65	248764	26.45	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.80%			
49) TOLUENE SS	5.495	98	891415	25.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.24%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	432510	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	1561353	237.13	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.840	51	2754031	191.30	UG/L	99
5) CHLOROMETHANE	0.913	50	1771469	258.35	UG/L	100
6) VINYL CHLORIDE	0.960	62	1771000	202.65	UG/L	100
7) BROMOMETHANE	1.100	94	967056	276.33	UG/L	99
8) CHLOROETHANE	1.141	64	783642	191.41	UG/L	100
9) FLUORODICHLOROMETHANE	1.228	67	2843326	196.88	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.256	101	2673579	199.39	UG/L	99
12) DI ETHYL ETHER	1.390	59	1261649	190.62	UG/L	99
13) ACROLEIN	1.454	56	2234311	2062.72	UG/L	97
14) ACETONE	1.535	43	3690800	1817.07	UG/L	100
15) 1,1-DICHLOROETHENE	1.501	61	2294624	194.32	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.501	101	1322908	201.72	UG/L	100
20) METHYL ACETATE	1.710	43	1361456	236.73	UG/L	100
21) T-BUTYL ALCOHOL	1.847	59	992575	1619.43	UG/L #	98
22) ACRYLONITRILE	1.920	53	842316	172.11	UG/L	99
23) METHYLENE CHLORIDE	1.766	49	2117441	172.09	UG/L	99
25) METHYL TERT-BUTYL ETHE...	1.939	73	5072910	170.41	UG/L	99
26) TRANS 1,2-DICHLOROETHENE	1.933	61	3469089	179.56	UG/L	100
27) 1,1-DICHLOROETHANE	2.226	63	4492318	188.82	UG/L	100
29) DI ISOPROYL ETHER	2.293	45	6586278	151.49	UG/L	97
31) 2-BUTANONE	2.745	43	9606842	1761.68	UG/L	99
32) T-BUTYL ETHYL ETHER	2.592	59	6941554	182.04	UG/L	99
33) CIS-1,2-DICHLOROETHENE	2.711	61	4204059	182.07	UG/L	100
34) 2,2-DICHLOROPROPANE	2.709	77	2996742	186.72	UG/L	99
35) ETHYL ACETATE	2.812	43	2627989	174.87	UG/L	100
38) BROMOCHLOROMETHANE	2.940	49	2371888	177.15	UG/L	97
39) TETRAHYDROFURAN	2.993	42	635598	182.29	UG/L	99
40) CHLOROFORM	3.041	83	4510547	196.56	UG/L	100
41) 1,1,1-TRICHLOROETHANE	3.213	97	4253281	207.02	UG/L	99
42) CYCLOHEXANE	3.258	56	4112074	187.11	UG/L	99
43) CARBON TETRACHLORIDE	3.378	117	3512179	210.77	UG/L	100
44) 1,1-DICHLOROPROPENE	3.389	75	3212405	190.54	UG/L	100
45) BENZENE	3.595	78	9318887	183.79	UG/L	100
47) T-AMYLMETHYL ETHER	3.743	73	5788425	182.74	UG/L	98
50) 1,2-DICHLOROETHANE	3.626	62	3817697	188.27	UG/L	100
51) TRICHLOROETHENE	4.265	95	2762775	186.76	UG/L	99
52) METHYLCYCLOHEXANE	4.440	83	3007449	188.67	UG/L	99
53) 1,2-DICHLOROPROPANE	4.491	63	2617238	178.91	UG/L	99
54) DIBROMOMETHANE	4.602	93	1678657	181.53	UG/L	99
56) 1,4-DIOXANE	4.650	88	158301m	1767.56	UG/L	
57) BROMODICHLOROMETHANE	4.786	83	3788537	214.94	UG/L	100
58) 2-CHLOROETHYLVINYLETHER	5.138	63	8223626	1246.51	UG/L	99

Data Path : X:\1\DATA\032712\
Data File : VC087015.D
Acq On : 27 Mar 2012 7:15 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 13:53:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration

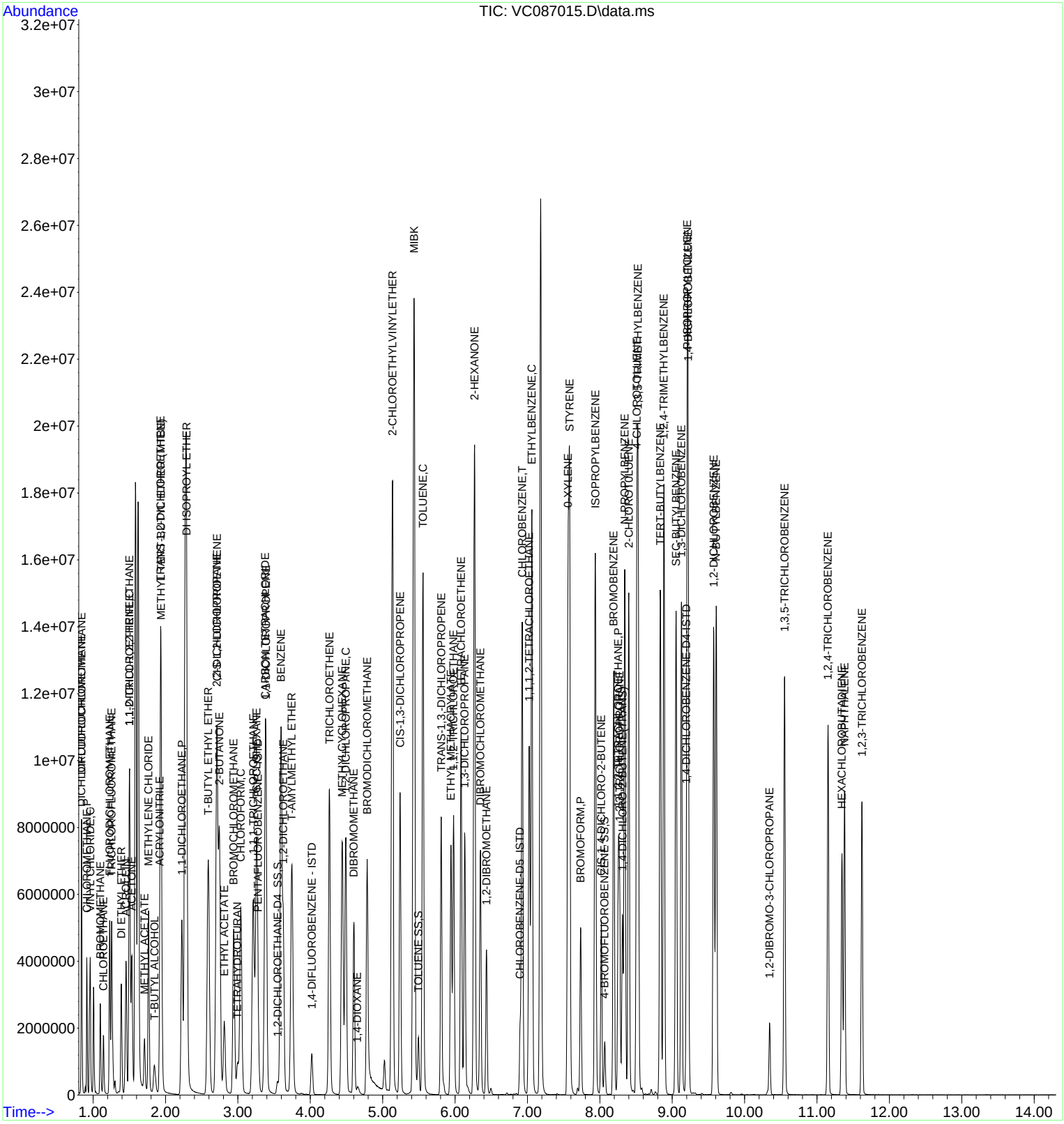
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) MIBK	5.433	43	16303918	1306.72	UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.241	75	4130413	194.55	UG/L	99
61) TOLUENE	5.559	91	10082685	171.45	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.810	75	3557323	205.61	UG/L	99
63) ETHYL METHACRYLATE	5.944	69	3070642	182.71	UG/L	99
64) 1,1,2-TRICHLOROETHANE	5.980	97	2291227	179.29	UG/L	99
65) 2-HEXANONE	6.270	43	12136733	1486.75	UG/L	99
66) TETRACHLOROETHENE	6.083	166	2875827	181.04	UG/L	99
67) 1,3-DICHLOROPROPANE	6.133	76	3618519	179.10	UG/L	100
68) DIBROMOCHLOROMETHANE	6.351	129	3150441	280.61	UG/L	99
69) 1,2-DIBROMOETHANE	6.434	107	2399664	180.72	UG/L	100
72) CHLOROBENZENE	6.928	112	6836097	169.79	UG/L	100
73) 1,1,1,2-TETRACHLOROETHANE	7.026	131	2751259	208.87	UG/L	100
74) ETHYLBENZENE	7.062	91	11231882	166.71	UG/L	100
76) 0-XYLENE	7.561	91	8384777	164.26	UG/L	100
77) STYRENE	7.583	104	7291111	164.87	UG/L	99
78) BROMOFORM	7.734	173	1928573	346.29	UG/L	99
79) ISOPROPYLBENZENE	7.937	105	9896355	169.60	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.021	53	955350	188.66	UG/L	99
81) 1,1,2,2-TETRACHLOROETHANE	8.255	83	2585723	170.12	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.314	53	1009431	183.97	UG/L	98
83) BROMOBENZENE	8.191	77	4299110	169.67	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.272	75	2011298	171.20	UG/L	99
85) N-PROPYLBENZENE	8.345	91	11383284	172.32	UG/L	99
86) 2-CHLOROT0LUENE	8.400	91	7344437	169.49	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.529	105	8653065	166.65	UG/L	100
88) 4-CHLOROTOLUENE	8.512	91	8190118	166.54	UG/L	100
90) TERT-BUTYLBENZENE	8.835	119	7007871	176.90	UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.886	105	9003057	171.70	UG/L	100
92) SEC-BUTYLBENZENE	9.053	105	9253942	176.69	UG/L	100
93) 1,3-DICHLOROBENZENE	9.128	146	5320948	179.64	UG/L	100
94) P-ISOPROPYLTOLUENE	9.206	119	7754726	169.86	UG/L	100
95) 1,4-DICHLOROBENZENE	9.220	146	5399988	166.89	UG/L	100
96) N-BUTYLBENZENE	9.608	91	7357200	194.04	UG/L	99
97) 1,2-DICHLOROBENZENE	9.574	146	5165142	179.17	UG/L	100
98) 1,2-DIBROMO-3-CHLOROPR...	10.344	75	422739	178.93	UG/L	99
99) 1,3,5-TRICHLOROBENZENE	10.553	180	3568019	186.89	UG/L	100
100) 1,2,4-TRICHLOROBENZENE	11.153	180	2991948	184.02	UG/L	100
101) HEXACHLOROBUTADIENE	11.345	225	1305570	191.68	UG/L	99
102) NAPHTHALENE	11.381	128	6047749	178.19	UG/L	100
103) 1,2,3-TRICHLOROBENZENE	11.621	180	2354145	178.11	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087015.D
Acq On : 27 Mar 2012 7:15 pm
Operator :
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 28 13:53:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0326W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Mar 27 10:24:16 2012
Response via : Initial Calibration



Data Path : X:\1\DATA\032712\
Data File : VC087018.D
Acq On : 27 Mar 2012 8:45 pm
Operator :
Sample : LFB Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 29 10:25:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	583086	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	929135	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	501895	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	520338	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	243319	25.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%				
49) TOLUENE SS	5.486	98	863474	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	403111	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	114401	8.07	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.840	51	187557	9.77	UG/L		96
5) CHLOROMETHANE	0.910	50	96878	9.08	UG/L		100
6) VINYL CHLORIDE	0.957	62	87534	7.81	UG/L		100
7) BROMOMETHANE	1.100	94	38528	5.14	UG/L		97
8) CHLOROETHANE	1.141	64	43248	8.47	UG/L		98
9) FLUORODICHLOROMETHANE	1.225	67	143492	9.11	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.253	101	136486	9.12	UG/L		99
12) DI ETHYL ETHER	1.387	59	64839	9.69	UG/L		98
13) ACROLEIN	1.451	56	114424	92.82	UG/L		94
14) ACETONE	1.529	43	243204	107.01	UG/L		99
15) 1,1-DICHLOROETHENE	1.501	61	123589	9.13	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	76568	10.41	UG/L		96
17) IODOMETHANE	1.582	142	146685	10.59	UG/L		96
20) METHYL ACETATE	1.708	43	78989	11.56	UG/L		99
21) T-BUTYL ALCOHOL	1.841	59	59179	90.66	UG/L	#	96
22) ACRYLONITRILE	1.919	53	54200	9.98	UG/L		97
23) METHYLENE CHLORIDE	1.763	49	145148	11.07	UG/L		98
24) CARBON DISULFIDE	1.618	76	222800	9.57	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	341812	11.40	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	1.928	61	205599	9.85	UG/L		97
27) 1,1-DICHLOROETHANE	2.223	63	251827	10.29	UG/L		99
28) VINYL ACETATE	2.268	43	2993073	96.91	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	501153	10.79	UG/L		94
31) 2-BUTANONE	2.739	43	630186	104.34	UG/L		98
32) T-BUTYL ETHYL ETHER	2.586	59	399636	10.64	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	235677	9.79	UG/L		97
34) 2,2-DICHLOROPROPANE	2.700	77	151565	9.61	UG/L		100
35) ETHYL ACETATE	2.809	43	143033	8.89	UG/L		97
38) BROMOCHLOROMETHANE	2.940	49	145185	10.32	UG/L		95
39) TETRAHYDROFURAN	3.001	42	35658	8.52	UG/L		94
40) CHLOROFORM	3.035	83	238928	10.36	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.208	97	206890	10.13	UG/L		99
42) CYCLOHEXANE	3.252	56	245694	10.43	UG/L		97
43) CARBON TETRACHLORIDE	3.375	117	159934	10.05	UG/L		100
44) 1,1-DICHLOROPROPENE	3.381	75	183094	10.19	UG/L		98
45) BENZENE	3.590	78	531977	9.99	UG/L		99
47) T-AMYLMETHYL ETHER	3.743	73	316353	10.42	UG/L		97
50) 1,2-DICHLOROETHANE	3.621	62	214114	10.42	UG/L		99
51) TRICHLOROETHENE	4.259	95	143790	9.75	UG/L		100
52) METHYLCYCLOHEXANE	4.438	83	170372	10.98	UG/L		98
53) 1,2-DICHLOROPROPANE	4.485	63	145187	10.24	UG/L		99
54) DIBROMOMETHANE	4.599	93	94924	10.45	UG/L		98

Data Path : X:\1\DATA\032712\
Data File : VC087018.D
Acq On : 27 Mar 2012 8:45 pm
Operator :
Sample : LFB Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

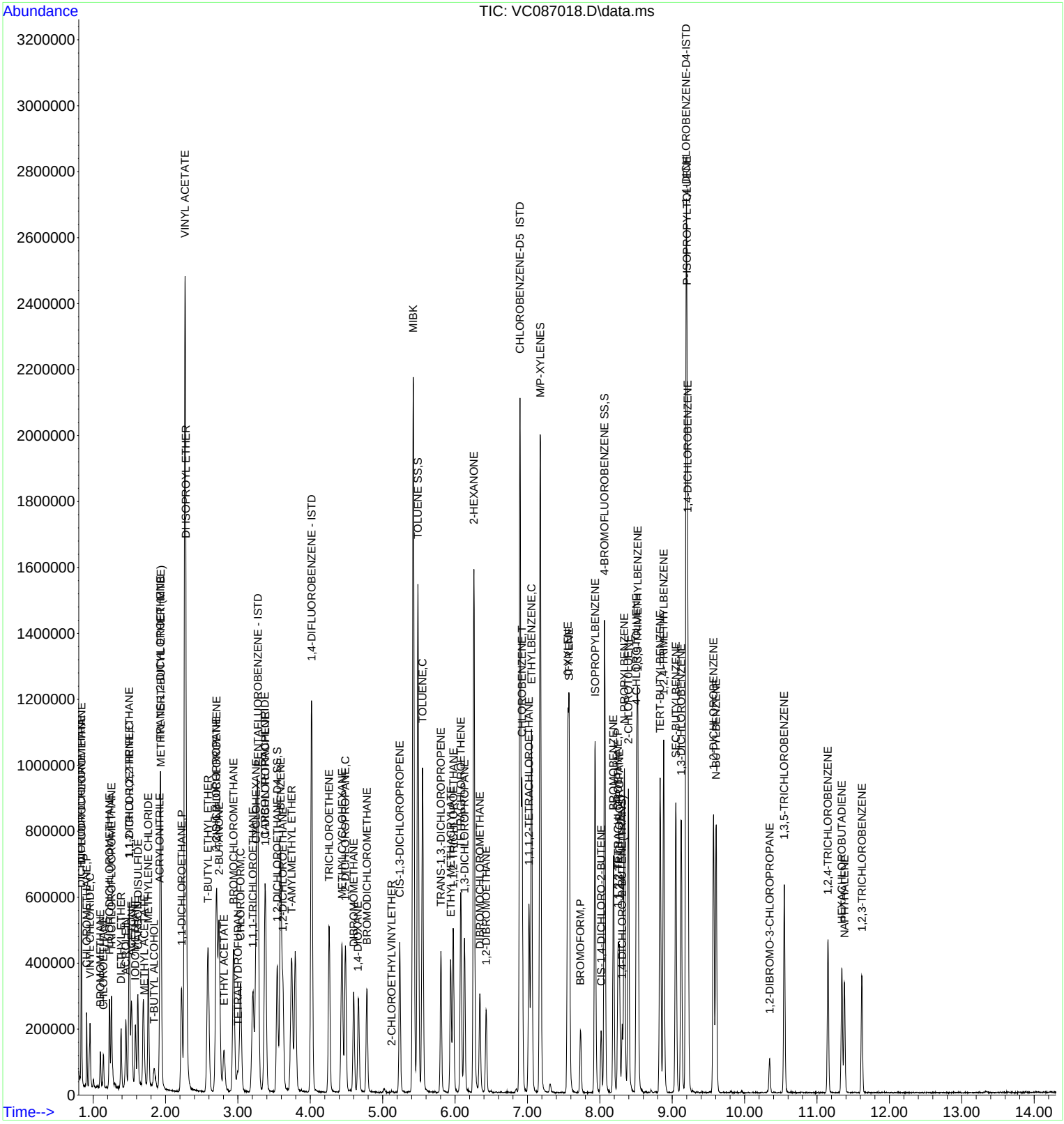
Quant Time: Mar 29 10:25:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,4-DIOXANE	4.658	88	8817m	84.03	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	166291	9.90	UG/L		99
58) 2-CHLOROETHYLVINYLETHER	5.124	63	1284	0.19	UG/L		83
59) MIBK	5.422	43	1342129	97.97	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.235	75	198792	10.05	UG/L		99
61) TOLUENE	5.550	91	594488	10.25	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	174169	12.04	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	160046	10.32	UG/L		99
64) 1,1,2-TRICHLOROETHANE	5.977	97	128069	10.31	UG/L		99
65) 2-HEXANONE	6.261	43	912625	47.78	UG/L		97
66) TETRACHLOROETHENE	6.080	166	157121	10.25	UG/L		98
67) 1,3-DICHLOROPROPANE	6.130	76	211095	10.55	UG/L		99
68) DIBROMOCHLOROMETHANE	6.342	129	127475	11.45	UG/L		100
69) 1,2-DIBROMOETHANE	6.429	107	137635	10.65	UG/L		99
72) CHLOROBENZENE	6.925	112	414950	10.73	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	130999	10.68	UG/L		99
74) ETHYLBENZENE	7.056	91	665524	10.31	UG/L		98
75) M/P-XYLENES	7.179	91	1022368	20.57	UG/L		97
76) 0-XYLENE	7.558	91	527837	10.81	UG/L		100
77) STYRENE	7.578	104	425588	10.47	UG/L		99
78) BROMOFORM	7.731	173	71311	13.42	UG/L		99
79) ISOPROPYLBENZENE	7.935	105	606658	11.07	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	37208	7.91	UG/L		81
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	157006	10.71	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.308	53	42058	8.69	UG/L	#	85
83) BROMOBENZENE	8.188	77	243240	10.02	UG/L		95
84) 1,2,3-TRICHLOROPROPANE	8.269	75	122257	10.67	UG/L		99
85) N-PROPYLBENZENE	8.339	91	684566	10.89	UG/L		99
86) 2-CHLOROT0LUENE	8.395	91	440096	10.57	UG/L		97
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	497999	10.20	UG/L		100
88) 4-CHLOROTOLUENE	8.506	91	511771	10.84	UG/L		100
90) TERT-BUTYLBENZENE	8.833	119	407954	10.82	UG/L		100
91) 1,2,4-TRIMETHYLBENZENE	8.883	105	502300	10.06	UG/L		99
92) SEC-BUTYLBENZENE	9.050	105	544730	10.99	UG/L		100
93) 1,3-DICHLOROBENZENE	9.125	146	302781	10.54	UG/L		100
94) P-ISOPROPYLTOLUENE	9.203	119	469012	10.76	UG/L		100
95) 1,4-DICHLOROBENZENE	9.215	146	312501	9.98	UG/L		98
96) N-BUTYLBENZENE	9.608	91	381244	10.04	UG/L		98
97) 1,2-DICHLOROBENZENE	9.572	146	297879	11.03	UG/L		100
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	19311	10.46	UG/L		90
99) 1,3,5-TRICHLOROBENZENE	10.548	180	165779	9.16	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.153	180	121064	9.43	UG/L		100
101) HEXACHLOROBUTADIENE	11.345	225	66174	10.81	UG/L		99
102) NAPHTHALENE	11.381	128	213007	9.79	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	94702	9.87	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087018.D
Acq On : 27 Mar 2012 8:45 pm
Operator :
Sample : LFB Inst : GCMSVOA3
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 29 10:25:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200043
Lab File ID:	VC087024.D	Calibration Date:	03/27/12 11:27
Sequence:	S002053	Injection Date:	03/27/12
Lab Sample ID:	S002053-CCV1	Injection Time:	23:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	93.6	0.116934	0.1094116		-6.4	20	
Acrylonitrile	A	10.0	9.56	0.2794417	0.267172		-4.4	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	1.562401	1.594452		2.1	20	
Benzene	A	10.0	9.66	2.74061	2.646577		-3.4	20	
Bromobenzene	A	10.0	9.79	1.450362	1.419497		-2.1	20	
Bromochloromethane	A	10.0	10.0	0.7240697	0.7252211		0.2	20	
Bromodichloromethane	A	10.0	10.2	0.5421292	0.5500477		1.5	20	
Bromoform	A	10.0	13.1	0.3175513	0.4156607		30.9	20	*
Bromomethane	L	10.0	13.2	0.6055129	0.4738846		32.1	20	*
2-Butanone (MEK)	A	100	98.5	0.3107587	0.306169		-1.5	20	
tert-Butyl Alcohol (TBA)	L	100	90.6	0.0314334	0.0304291		-9.4	20	
n-Butylbenzene	A	10.0	9.52	2.188408	2.083995		-4.8	20	
sec-Butylbenzene	A	10.0	9.77	2.85691	2.791321		-2.3	20	
tert-Butylbenzene	A	10.0	9.69	2.173689	2.105603		-3.1	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.1	1.932185	1.943398		0.6	20	
Carbon Disulfide	A	100	99.2	1.197317	1.187143		-0.8	20	
Carbon Tetrachloride	A	10.0	9.05	0.8185788	0.740963		-9.5	20	
Chlorobenzene	A	10.0	9.71	2.310925	2.242916		-2.9	20	
Chlorodibromomethane	A	10.0	11.3	0.3593727	0.4074566		13.4	20	
Chloroethane	A	10.0	9.75	0.2627513	0.256151		-2.5	20	
Chloroform	A	10.0	9.87	1.186481	1.170878		-1.3	20	
Chloromethane	A	10.0	10.9	0.548698	0.5996697		9.3	20	
2-Chlorotoluene	A	10.0	9.74	2.488438	2.423793		-2.6	20	
4-Chlorotoluene	A	10.0	9.82	2.822984	2.7733		-1.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200043
Lab File ID:	VC087024.D	Calibration Date:	03/27/12 11:27
Sequence:	S002053	Injection Date:	03/27/12
Lab Sample ID:	S002053-CCV1	Injection Time:	23:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.92	9.721179E-02	0.0932269		-10.8	20	
1,2-Dibromoethane (EDB)	A	10.0	9.96	0.4171391	0.415433		-0.4	20	
Dibromomethane	A	10.0	9.93	0.2934023	0.2914935		-0.7	20	
1,2-Dichlorobenzene	A	10.0	10.0	1.557655	1.56		0.2	20	
1,3-Dichlorobenzene	A	10.0	9.48	1.656163	1.570361		-5.2	20	
1,4-Dichlorobenzene	A	10.0	9.53	1.806169	1.721231		-4.7	20	
trans-1,4-Dichloro-2-butene	L	10.0	8.08	0.2495136	0.2337006		-19.2	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.8	0.7289464	0.789908		8.4	20	
1,1-Dichloroethane	A	10.0	9.93	1.258795	1.250003		-0.7	20	
1,2-Dichloroethane	A	10.0	9.75	0.6632928	0.6464844		-2.5	20	
1,1-Dichloroethylene	A	10.0	9.58	0.6963726	0.6668236		-4.2	20	
cis-1,2-Dichloroethylene	A	10.0	9.68	1.239184	1.199635		-3.2	20	
trans-1,2-Dichloroethylene	A	10.0	9.81	1.073534	1.052717		-1.9	20	
1,2-Dichloropropane	A	10.0	9.62	0.4579407	0.4405514		-3.8	20	
1,3-Dichloropropane	A	10.0	10.1	0.6461224	0.6509197		0.7	20	
2,2-Dichloropropane	A	10.0	8.88	0.8113484	0.7205		-11.2	20	
1,1-Dichloropropene	A	10.0	9.54	0.9240327	0.8811502		-4.6	20	
cis-1,3-Dichloropropene	A	10.0	9.93	0.6388886	0.6346525		-0.7	20	
trans-1,3-Dichloropropene	A	10.0	11.0	0.4672685	0.5132466		9.8	20	
Diethyl Ether	A	10.0	9.86	0.3441238	0.3392858		-1.4	20	
Diisopropyl Ether (DIPE)	A	10.0	9.97	2.390511	2.382215		-0.3	20	
1,4-Dioxane	L	100	52.9	3.001936E-03	2.096815E-03		-47.1	20	*
Ethylbenzene	A	10.0	9.99	3.857599	3.852409		-0.1	20	
Hexachlorobutadiene	A	10.0	9.56	0.3527887	0.3371466		-4.4	20	
2-Hexanone (MBK)	L	100	41.8	0.2777583	0.2838647		-58.2	20	*

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200043
Lab File ID:	VC087024.D	Calibration Date:	03/27/12 11:27
Sequence:	S002053	Injection Date:	03/27/12
Lab Sample ID:	S002053-CCV1	Injection Time:	23:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	9.92	3.275546	3.248132		-0.8	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.70	2.511995	2.43668		-3.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.2	1.542245	1.571646		1.9	20	
Methylene Chloride	A	10.0	12.0	0.674556	0.8127134		20.5	20	*
4-Methyl-2-pentanone (MIBK)	A	100	98.2	0.4423146	0.4342995		-1.8	20	
Naphthalene	L	10.0	8.08	1.128377	0.9391054		-19.2	20	
n-Propylbenzene	A	10.0	10.0	3.758444	3.764823		0.2	20	
Styrene	A	10.0	10.2	2.428926	2.485941		2.3	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.78	0.7334439	0.7175661		-2.2	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.6	0.8764924	0.9269848		5.8	20	
Tetrachloroethylene	A	10.0	9.47	0.4950698	0.468861		-5.3	20	
Tetrahydrofuran	L	10.0	9.03	0.1885406	0.1916043		-9.7	20	
Toluene	A	10.0	9.74	1.873044	1.823856		-2.6	20	
1,2,3-Trichlorobenzene	L	10.0	8.17	0.4822765	0.4340577		-18.3	20	
1,2,4-Trichlorobenzene	L	10.0	8.18	0.5638624	0.5933375		-18.2	20	
1,3,5-Trichlorobenzene	L	10.0	8.84	0.7694105	0.9248548		-11.6	20	
1,1,1-Trichloroethane	A	10.0	9.54	1.051313	1.003009		-4.6	20	
1,1,2-Trichloroethane	A	10.0	10.3	0.4012515	0.4115744		2.6	20	
Trichloroethylene	A	10.0	9.27	0.4762277	0.4413484		-7.3	20	
Trichlorofluoromethane (Freon 11)	A	10.0	9.90	0.7701656	0.7624284		-1.0	20	
1,2,3-Trichloropropane	A	10.0	10.2	0.6846675	0.6954201		1.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.43	0.3782552	0.3567885		-5.7	20	
1,2,4-Trimethylbenzene	A	10.0	9.81	2.879395	2.823581		-1.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1200043
Lab File ID:	VC087024.D	Calibration Date:	03/27/12 11:27
Sequence:	S002053	Injection Date:	03/27/12
Lab Sample ID:	S002053-CCV1	Injection Time:	23:46

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.1	2.919503	2.958389		1.3	20
Vinyl Chloride	A	10.0	10.2	0.5763762	0.5905444		2.5	20
m+p Xylene	A	20.0	19.3	2.971063	2.865145		-3.6	20
o-Xylene	A	10.0	9.88	2.918596	2.884351		-1.2	20
1,2-Dichloroethane-d4	A	25.0	25.0	0.4992094	0.4992223		0.003	
Toluene-d8	A	25.0	25.1	1.113414	1.117803		0.4	
4-Bromofluorobenzene	A	25.0	25.2	0.9830491	0.9887588		0.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : X:\1\DATA\032712\
Data File : VC087024.D
Acq On : 27 Mar 2012 11:46 pm
Operator :
Sample : S002053-CCV1 @ 8260STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

150

Quant Time: Mar 29 12:14:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.278	168	577628	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	925976	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	495801	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	524398	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	240304	25.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%				
49) TOLUENE SS	5.486	98	862549	25.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	408523	25.15	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.838	85	152091	10.84	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	196379	10.32	UG/L		99
5) CHLOROMETHANE	0.913	50	115462	10.93	UG/L		98
6) VINYL CHLORIDE	0.960	62	113705	10.25	UG/L		100
7) BROMOMETHANE	1.100	94	91243	13.21	UG/L		99
8) CHLOROETHANE	1.144	64	49320	9.75	UG/L		99
9) FLUORODICHLOROMETHANE	1.228	67	148061	9.49	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.256	101	146800	9.90	UG/L		100
11) ETHANOL	1.337	45	2042	33.42	UG/L	#	21
12) DI ETHYL ETHER	1.387	59	65327	9.86	UG/L		97
13) ACROLEIN	1.451	56	110053	90.12	UG/L		96
14) ACETONE	1.532	43	210664	93.57	UG/L		98
15) 1,1-DICHLOROETHENE	1.501	61	128392	9.58	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	68697	9.43	UG/L		97
17) IODOMETHANE	1.582	142	1247377	90.93	UG/L		95
20) METHYL ACETATE	1.708	43	71577	10.57	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	58589	90.59	UG/L		92
22) ACRYLONITRILE	1.920	53	51442	9.56	UG/L		99
23) METHYLENE CHLORIDE	1.763	49	156482	12.05	UG/L		97
24) CARBON DISULFIDE	1.618	76	2285756	99.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.933	73	302609	10.19	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	1.931	61	202693	9.81	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	240679	9.93	UG/L		98
28) VINYL ACETATE	2.271	43	3264218	106.69	UG/L	#	95
29) DI ISOPROYL ETHER	2.285	45	458678	9.97	UG/L		96
31) 2-BUTANONE	2.739	43	589506	98.52	UG/L		96
32) T-BUTYL ETHYL ETHER	2.586	59	374187	10.06	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.706	61	230981	9.68	UG/L		98
34) 2,2-DICHLOROPROPANE	2.700	77	138727	8.88	UG/L		99
35) ETHYL ACETATE	2.809	43	162016	10.17	UG/L		99
38) BROMOCHLOROMETHANE	2.937	49	139636	10.02	UG/L		94
39) TETRAHYDROFURAN	2.993	42	36892	9.03	UG/L		97
40) CHLOROFORM	3.035	83	225444	9.87	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.208	97	193122	9.54	UG/L		98
42) CYCLOHEXANE	3.255	56	221566	9.49	UG/L		98
43) CARBON TETRACHLORIDE	3.372	117	142667	9.05	UG/L		97
44) 1,1-DICHLOROPROPENE	3.384	75	169659	9.54	UG/L		98
45) BENZENE	3.590	78	509579	9.66	UG/L		100
47) T-AMYLMETHYL ETHER	3.740	73	307000	10.21	UG/L	#	84
50) 1,2-DICHLOROETHANE	3.626	62	199543	9.75	UG/L		100
51) TRICHLOROETHENE	4.262	95	136226	9.27	UG/L		98
52) METHYLCYCLOHEXANE	4.435	83	143283	9.27	UG/L		98
53) 1,2-DICHLOROPROPANE	4.485	63	135980	9.62	UG/L	#	98

Data Path : X:\1\DATA\032712\
Data File : VC087024.D
Acq On : 27 Mar 2012 11:46 pm
Operator :
Sample : S002053-CCV1 @ 8260STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

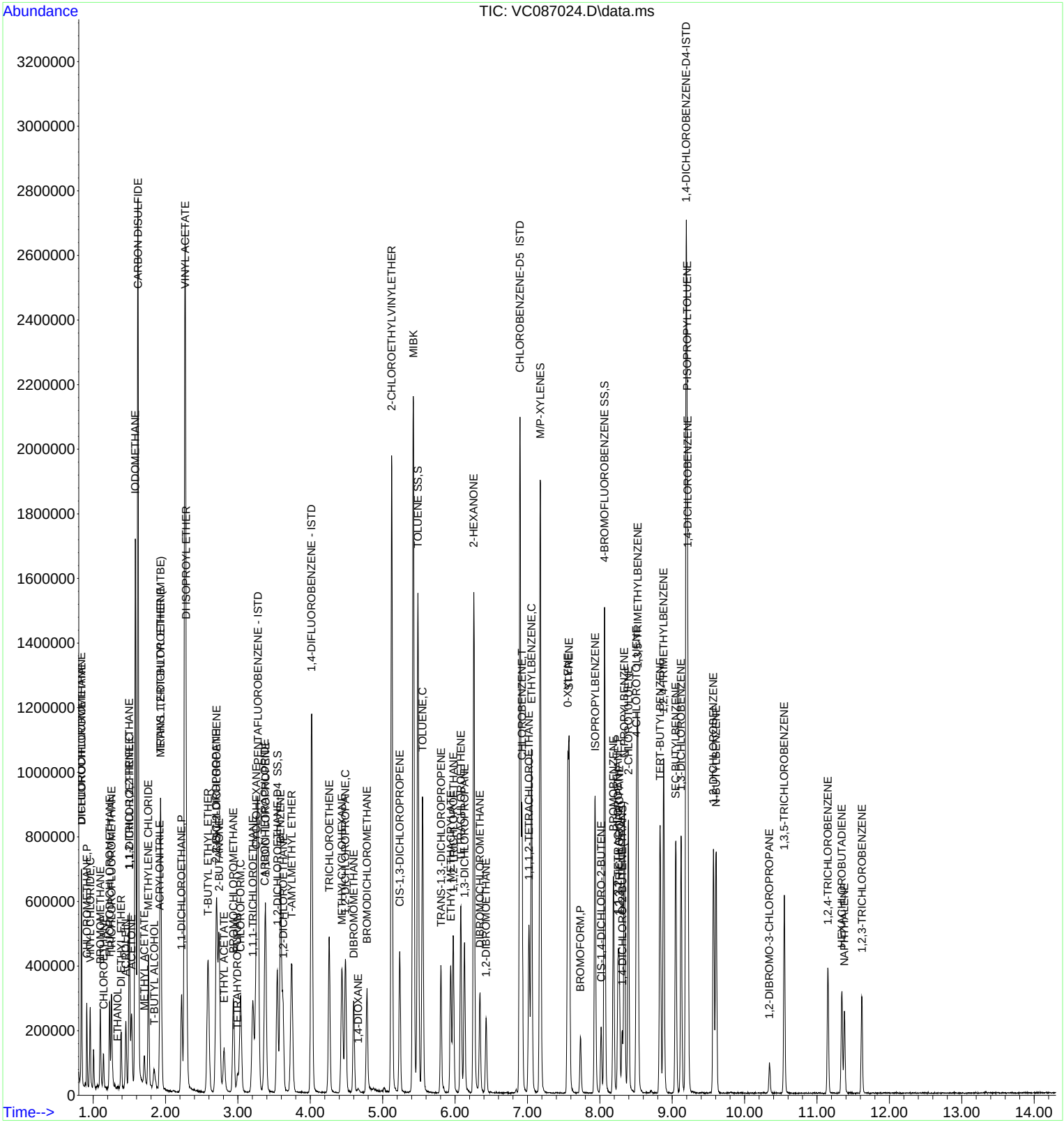
Quant Time: Mar 29 12:14:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.602	93	89972	9.93	UG/L		99
56) 1,4-DIOXANE	4.661	88	6472m	52.94	UG/L		
57) BROMODICHLOROMETHANE	4.783	83	169777	10.15	UG/L		98
58) 2-CHLOROETHYLVINYLETHER	5.124	63	700249	103.02	UG/L		98
59) MIBK	5.425	43	1340503	98.19	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.235	75	195891	9.93	UG/L		98
61) TOLUENE	5.550	91	562949	9.74	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.807	75	158418	10.98	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	162258	10.50	UG/L		97
64) 1,1,2-TRICHLOROETHANE	5.977	97	127036	10.26	UG/L		98
65) 2-HEXANONE	6.259	43	876173	41.76	UG/L		95
66) TETRACHLOROETHENE	6.080	166	144718	9.47	UG/L		99
67) 1,3-DICHLOROPROPANE	6.130	76	200912	10.07	UG/L		97
68) DIBROMOCHLOROMETHANE	6.345	129	125765	11.34	UG/L		100
69) 1,2-DIBROMOETHANE	6.426	107	128227	9.96	UG/L		100
72) CHLOROBENZENE	6.925	112	370680	9.71	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.020	131	118590	9.78	UG/L		99
74) ETHYLBENZENE	7.056	91	636676	9.99	UG/L		98
75) M/P-XYLENES	7.179	91	947028	19.29	UG/L		96
76) 0-XYLENE	7.558	91	476688	9.88	UG/L		99
77) STYRENE	7.575	104	410844	10.23	UG/L		99
78) BROMOFORM	7.731	173	68695	13.09	UG/L		95
79) ISOPROPYLBENZENE	7.935	105	536809	9.92	UG/L		98
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	39696	8.55	UG/L	#	80
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	153200	10.58	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.311	53	38623	8.08	UG/L		88
83) BROMOBENZENE	8.188	77	234596	9.79	UG/L		96
84) 1,2,3-TRICHLOROPROPANE	8.269	75	114930	10.16	UG/L		99
85) N-PROPYLBENZENE	8.339	91	622201	10.02	UG/L		97
86) 2-CHLOROT0LUENE	8.395	91	400573	9.74	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.523	105	488924	10.13	UG/L		100
88) 4-CHLOROTOLUENE	8.506	91	458335	9.82	UG/L		99
90) TERT-BUTYLBENZENE	8.833	119	368058	9.69	UG/L		99
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	493560	9.81	UG/L		99
92) SEC-BUTYLBENZENE	9.047	105	487921	9.77	UG/L		98
93) 1,3-DICHLOROBENZENE	9.123	146	274498	9.48	UG/L		100
94) P-ISOPROPYLTOLUENE	9.206	119	425930	9.70	UG/L		100
95) 1,4-DICHLOROBENZENE	9.215	146	300870	9.53	UG/L		98
96) N-BUTYLBENZENE	9.608	91	364281	9.52	UG/L		98
97) 1,2-DICHLOROBENZENE	9.569	146	272687	10.02	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.341	75	16296	8.92	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.548	180	161664	8.84	UG/L		100
100) 1,2,4-TRICHLOROBENZENE	11.153	180	103715	8.18	UG/L		98
101) HEXACHLOROBUTADIENE	11.342	225	58933	9.56	UG/L		96
102) NAPHTHALENE	11.379	128	164155	8.08	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.621	180	75873	8.17	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087024.D
Acq On : 27 Mar 2012 11:46 pm
Operator :
Sample : S002053-CCV1 @ 8260STD 10PPB Inst : GCMSVOA3
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 29 12:14:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002053	Instrument:	GCMSVOA3
		Calibration:	1200043

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S002053-CCV1)			*Lab File ID: VC087024.D*			*Analyzed: 03/27/12 23:46*			
Pentafluorobenzene	577628	3.278	561579	3.28	103	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	925976	4.017	877291	4.02	106	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	495801	6.897	466592	6.9	106	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	524398	9.192	472235	9.2	111	50 - 200	-0.0080	+/-0.50	
LCS (B048653-BS1)			*Lab File ID: VC087026.D*			*Analyzed: 03/28/12 00:46*			
Pentafluorobenzene	574213	3.28	577628	3.278	99	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	939624	4.02	925976	4.017	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	503821	6.9	495801	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	529138	9.19	524398	9.192	101	50 - 200	-0.0020	+/-0.50	
LCS Dup (B048653-BSD1)			*Lab File ID: VC087027.D*			*Analyzed: 03/28/12 01:16*			
Pentafluorobenzene	582719	3.27	577628	3.278	101	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	937466	4.02	925976	4.017	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	497052	6.9	495801	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	526044	9.19	524398	9.192	100	50 - 200	-0.0020	+/-0.50	
Blank (B048653-BLK1)			*Lab File ID: VC087029.D*			*Analyzed: 03/28/12 02:17*			
Pentafluorobenzene	569754	3.28	577628	3.278	99	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	919688	4.02	925976	4.017	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	485739	6.9	495801	6.897	98	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	468203	9.19	524398	9.192	89	50 - 200	-0.0020	+/-0.50	
TB12321-04 (12C0706-01)			*Lab File ID: VC087030.D*			*Analyzed: 03/28/12 02:47*			
Pentafluorobenzene	585383	3.27	577628	3.278	101	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	946902	4.02	925976	4.017	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	505340	6.9	495801	6.897	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	506992	9.19	524398	9.192	97	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S002053	Instrument:	GCMSVOA3
		Calibration:	1200043

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
RB12321 (12C0706-04)			*Lab File ID: VC087032.D*			*Analyzed: 03/28/12 03:47*			
Pentafluorobenzene	567850	3.27	577628	3.278	98	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	927373	4.02	925976	4.017	100	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	493921	6.9	495801	6.897	100	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	484268	9.2	524398	9.192	92	50 - 200	0.0080	+/-0.50	
Dec-MW3-March2012 (12C0706-02)			*Lab File ID: VC087033.D*			*Analyzed: 03/28/12 04:18*			
Pentafluorobenzene	554768	3.27	577628	3.278	96	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	905217	4.02	925976	4.017	98	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	474294	6.9	495801	6.897	96	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	451710	9.19	524398	9.192	86	50 - 200	-0.0020	+/-0.50	
MW22A-March2012 (12C0706-03)			*Lab File ID: VC087034.D*			*Analyzed: 03/28/12 04:48*			
Pentafluorobenzene	569522	3.27	577628	3.278	99	50 - 200	-0.0080	+/-0.50	
1,4-Difluorobenzene	918492	4.02	925976	4.017	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	488878	6.9	495801	6.897	99	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	473764	9.19	524398	9.192	90	50 - 200	-0.0020	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BLK1	File ID:	VC087029.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	2.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BLK1	File ID:	VC087029.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-05, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	1.0	
591-78-6	2-Hexanone (MBK)		0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BLK1	File ID:	VC087029.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 02:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	R-05
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	R-05
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087029.D
Acq On : 28 Mar 2012 2:17 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

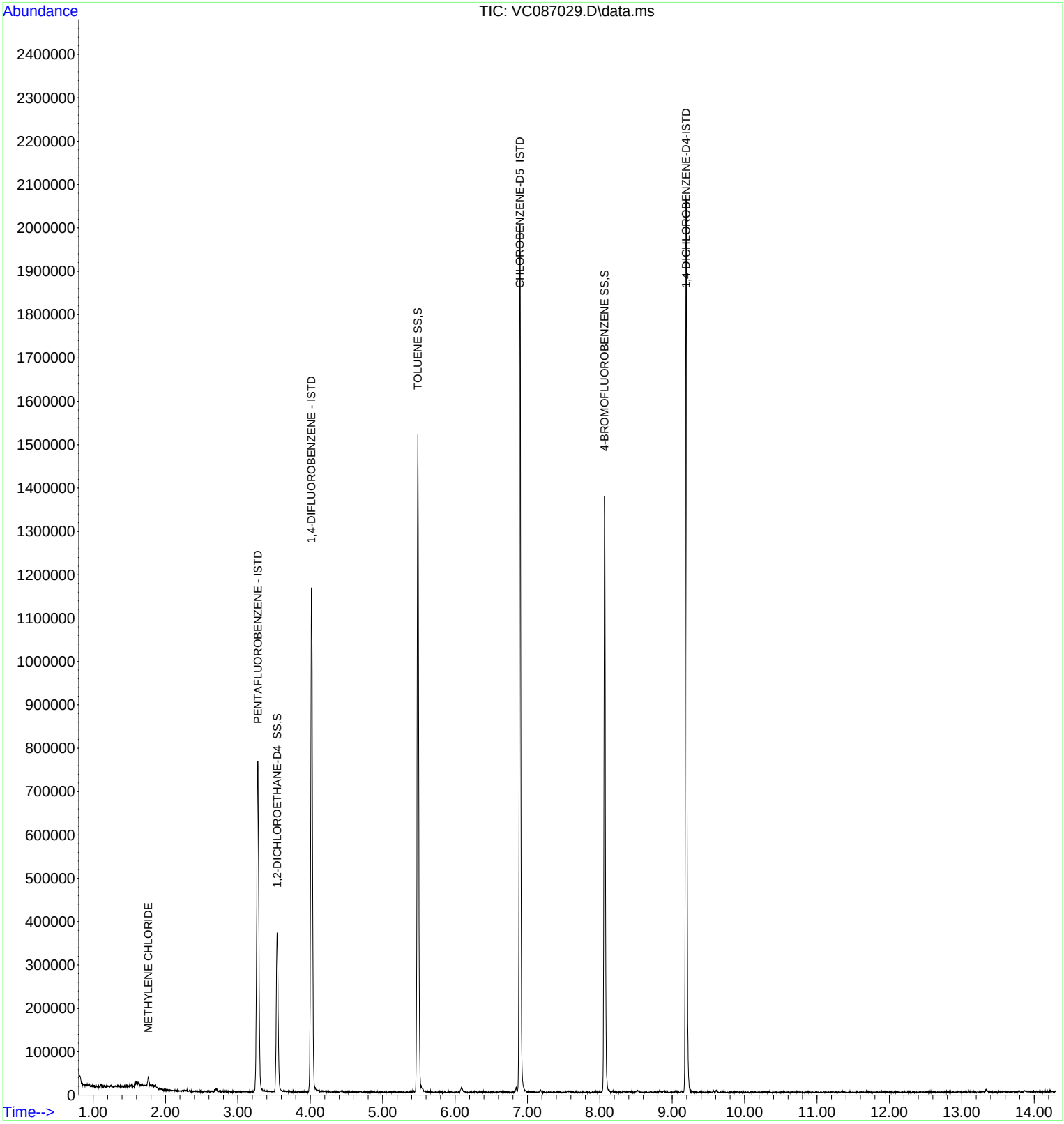
Quant Time: Mar 29 12:29:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

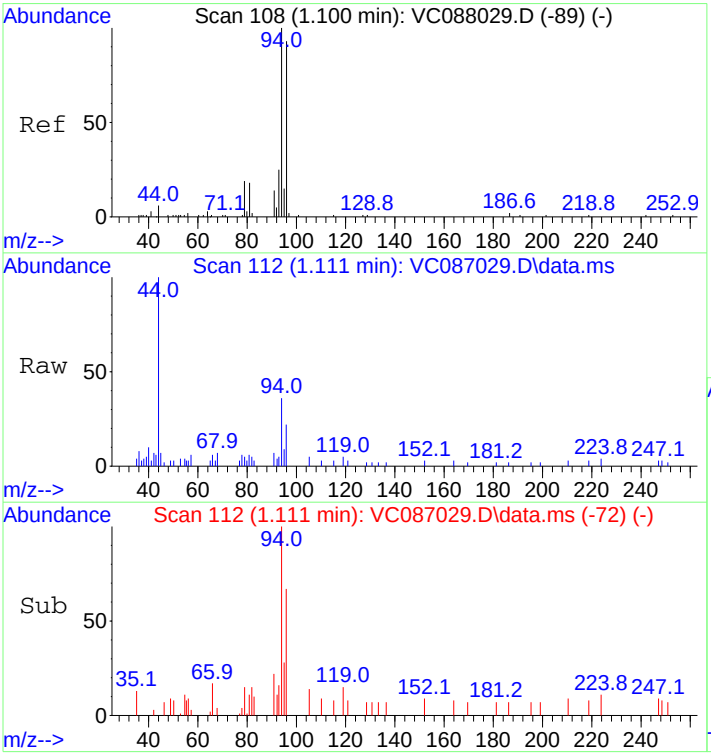
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.278	168	569754	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	919688	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	485739	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	468203	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.542	65	238291	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
49) TOLUENE SS	5.486	98	846960	24.81	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%			
71) 4-BROMOFLUOROBENZENE SS	8.066	95	387518	24.35	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.40%			
Target Compounds						Qvalue
7) BROMOMETHANE	1.111	94	1333	Below Cal	#	2
23) METHYLENE CHLORIDE	1.763	49	7433	0.58	UG/L	96
65) 2-HEXANONE	6.264	43	1271	Below Cal	#	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087029.D
Acq On : 28 Mar 2012 2:17 am
Operator :
Sample : B0-BLK1 Inst : GCMSVOA3
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 29 12:29:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

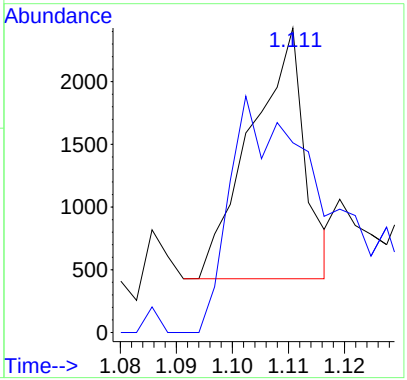


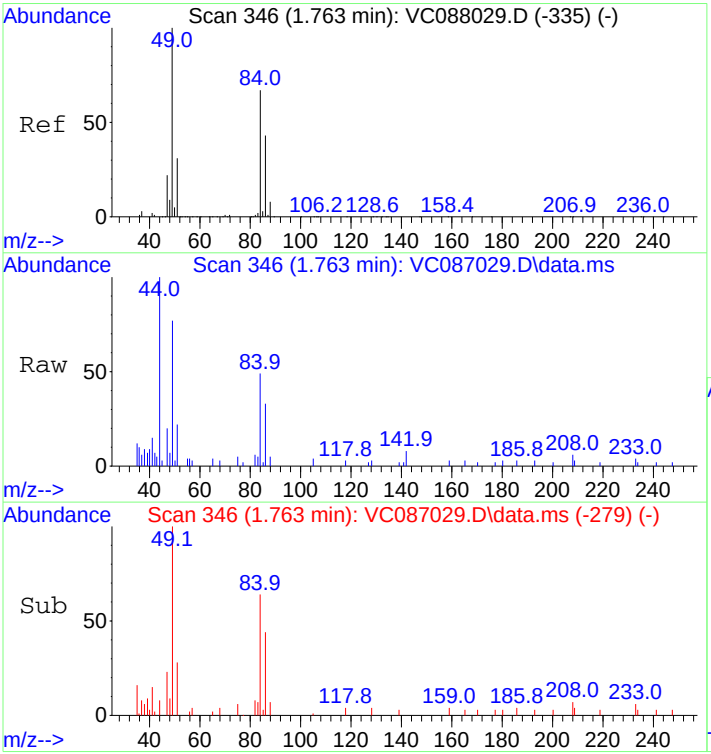


#7
BROMOMETHANE
Concen: Below Cal
RT: 1.111 min Scan# 112
Delta R.T. 0.012 min
Lab File: VC087029.D
Acq: 28 Mar 2012 2:17 am

Tgt Ion: 94 Resp: 1333

Ion	Ratio	Lower	Upper
94	100		
96	189.1	75.5	113.3#

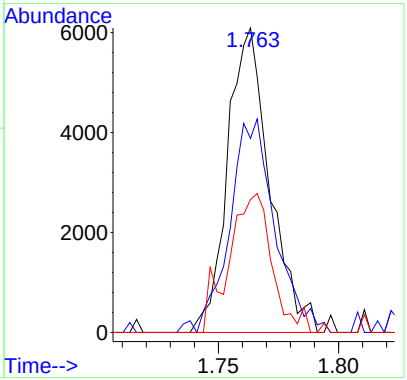


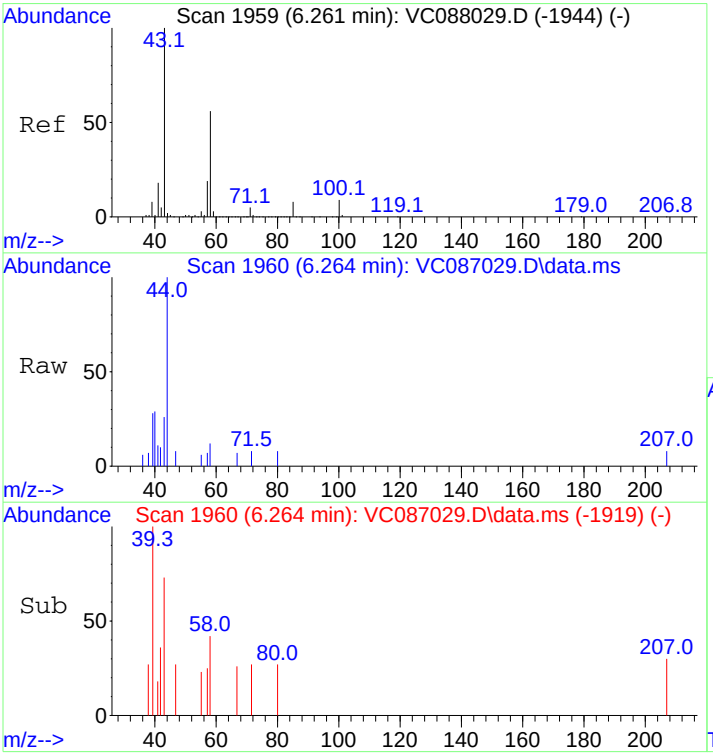


#23
METHYLENE CHLORIDE
Concen: 0.58 UG/L
RT: 1.763 min Scan# 346
Delta R.T. -0.003 min
Lab File: VC087029.D
Acq: 28 Mar 2012 2:17 am

Tgt Ion: 49 Resp: 7433

Ion	Ratio	Lower	Upper
49	100		
84	75.5	57.0	85.6
86	46.7	36.7	55.1

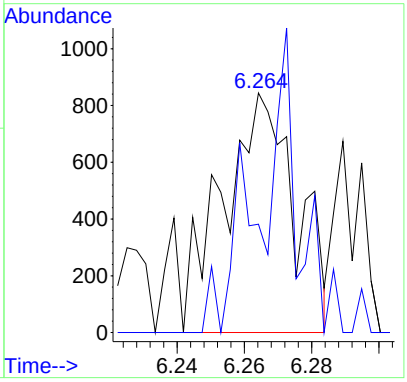




#65
2-HEXANONE
Concen: Below Cal
RT: 6.264 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VC087029.D
Acq: 28 Mar 2012 2:17 am

Tgt Ion: 43 Resp: 1271

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BS1	File ID:	VC087026.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 00:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	103	0.54	50	
107-13-1	Acrylonitrile	8.94	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	10.0	0.050	1.0	
108-86-1	Bromobenzene	10.0	0.10	1.0	
74-97-5	Bromochloromethane	10.4	0.10	1.0	
75-27-4	Bromodichloromethane	9.56	0.080	0.50	
75-25-2	Bromoform	12.0	0.25	1.0	V-20
74-83-9	Bromomethane	4.62	0.38	2.0	
78-93-3	2-Butanone (MEK)	90.8	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	69.0	3.5	20	R-05, V-16
104-51-8	n-Butylbenzene	9.46	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.4	0.070	0.50	
75-15-0	Carbon Disulfide	9.96	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.79	0.090	5.0	
108-90-7	Chlorobenzene	10.6	0.050	1.0	
124-48-1	Chlorodibromomethane	10.6	0.12	0.50	
75-00-3	Chloroethane	8.86	0.33	2.0	
67-66-3	Chloroform	10.6	0.040	2.0	
74-87-3	Chloromethane	9.29	0.13	2.0	
95-49-8	2-Chlorotoluene	10.3	0.050	1.0	
106-43-4	4-Chlorotoluene	10.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.34	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BS1	File ID:	VC087026.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 00:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.84	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.66	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.60	0.77	2.0	L-07
75-71-8	Dichlorodifluoromethane (Freon 12)	7.95	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.89	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.89	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.62	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.86	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.99	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.86	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.65	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.48	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.8	0.12	0.50	
60-29-7	Diethyl Ether	9.77	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	70.4	3.5	50	V-05, V-16
100-41-4	Ethylbenzene	10.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.67	0.26	1.0	
591-78-6	2-Hexanone (MBK)	20.5	0.66	50	L-04, R-05, V-05
98-82-8	Isopropylbenzene (Cumene)	10.9	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BS1	File ID:	VC087026.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 00:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.9	2.3	5.0	V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	85.3	0.22	10	
91-20-3	Naphthalene	7.34	0.21	2.0	R-05
103-65-1	n-Propylbenzene	10.7	0.040	1.0	
100-42-5	Styrene	10.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.0	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	0.18	0.50	
127-18-4	Tetrachloroethylene	9.93	0.14	1.0	
109-99-9	Tetrahydrofuran	7.52	1.0	10	R-05
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	7.56	0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene	7.71	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.47	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	9.91	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.0	0.080	1.0	
79-01-6	Trichloroethylene	9.55	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.51	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.93	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	10.6	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.68	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.88	0.060	1.0	
75-01-4	Vinyl Chloride	8.19	0.16	2.0	
108383/106423	m+p Xylene	20.3	0.070	2.0	
95-47-6	o-Xylene	10.8	0.050	1.0	

Data Path : X:\1\DATA\032712\
Data File : VC087026.D
Acq On : 28 Mar 2012 12:46 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 29 12:26:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.277	168	574213	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.019	114	939624	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	503821	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	529138	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.545	65	242157	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
49) TOLUENE SS	5.489	98	885488	25.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.56%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	414209	25.09	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.837	85	110954	7.95	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.840	51	186505	9.86	UG/L		96
5) CHLOROMETHANE	0.913	50	97607	9.29	UG/L		99
6) VINYL CHLORIDE	0.960	62	90315	8.19	UG/L		99
7) BROMOMETHANE	1.102	94	34595	4.62	UG/L		97
8) CHLOROETHANE	1.144	64	44561	8.86	UG/L		99
9) FLUORODICHLOROMETHANE	1.231	67	154069	9.93	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.256	101	140216	9.51	UG/L		99
11) ETHANOL	1.337	45	1020	16.79	UG/L	#	56
12) DI ETHYL ETHER	1.390	59	64355	9.77	UG/L		99
13) ACROLEIN	1.454	56	105435	86.85	UG/L		99
14) ACETONE	1.532	43	229913	102.72	UG/L		98
15) 1,1-DICHLOROETHENE	1.504	61	131772	9.89	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.498	101	76751	10.60	UG/L		96
17) IODOMETHANE	1.585	142	216355	15.87	UG/L		100
20) METHYL ACETATE	1.707	43	80779	12.00	UG/L		98
21) T-BUTYL ALCOHOL	1.847	59	47982	69.00	UG/L	#	84
22) ACRYLONITRILE	1.922	53	47837	8.94	UG/L		100
23) METHYLENE CHLORIDE	1.766	49	153529	11.89	UG/L		96
24) CARBON DISULFIDE	1.618	76	228304	9.96	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	320430	10.85	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.931	61	202585	9.86	UG/L		97
27) 1,1-DICHLOROETHANE	2.223	63	251507	10.44	UG/L		98
28) VINYL ACETATE	2.271	43	2499333	82.17	UG/L	#	94
29) DI ISOPROYL ETHER	2.285	45	486814	10.64	UG/L		93
31) 2-BUTANONE	2.736	43	540056	90.80	UG/L		98
32) T-BUTYL ETHYL ETHER	2.591	59	383994	10.38	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.709	61	228145	9.62	UG/L		97
34) 2,2-DICHLOROPROPANE	2.700	77	134396	8.65	UG/L		99
35) ETHYL ACETATE	2.809	43	117527	7.42	UG/L		98
38) BROMOCHLOROMETHANE	2.937	49	144201	10.40	UG/L		93
39) TETRAHYDROFURAN	2.996	42	32082	7.52	UG/L	#	80
40) CHLOROFORM	3.038	83	240213	10.58	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.211	97	199368	9.91	UG/L		98
42) CYCLOHEXANE	3.258	56	235913	10.17	UG/L		99
43) CARBON TETRACHLORIDE	3.372	117	153338	9.79	UG/L		99
44) 1,1-DICHLOROPROPENE	3.383	75	178986	10.12	UG/L		100
45) BENZENE	3.593	78	526038	10.03	UG/L		99
47) T-AMYLMETHYL ETHER	3.740	73	308122	10.30	UG/L		96
50) 1,2-DICHLOROETHANE	3.623	62	205502	9.89	UG/L		99
51) TRICHLOROETHENE	4.259	95	142496	9.55	UG/L		99
52) METHYLCYCLOHEXANE	4.438	83	160878	10.25	UG/L		98
53) 1,2-DICHLOROPROPANE	4.482	63	143358	9.99	UG/L		97

Data Path : X:\1\DATA\032712\
Data File : VC087026.D
Acq On : 28 Mar 2012 12:46 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

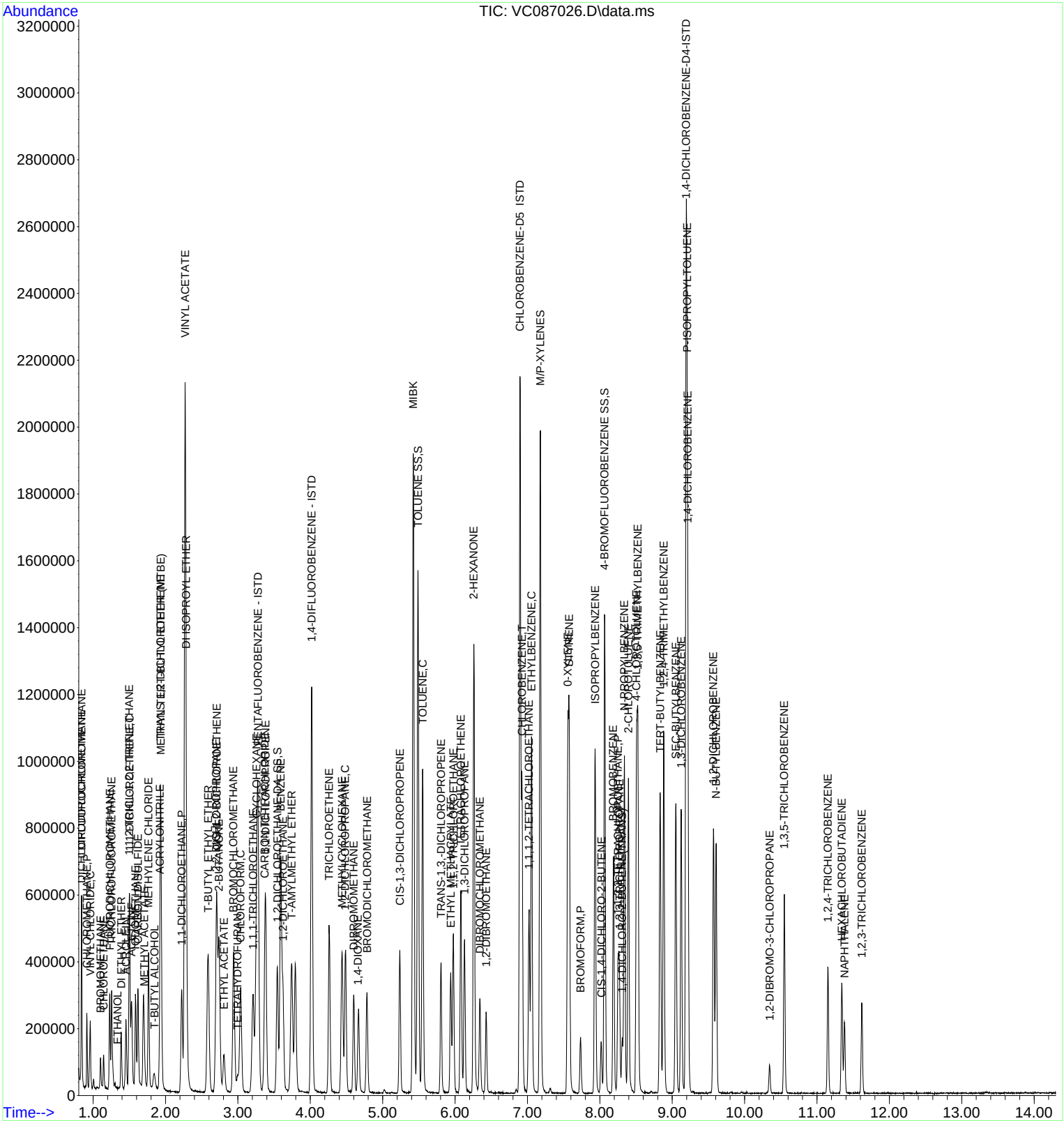
Quant Time: Mar 29 12:26:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54)	DIBROMOMETHANE	4.599	93	90387	9.84	UG/L		98
56)	1,4-DIOXANE	4.658	88	7886m	70.39	UG/L		
57)	BROMODICHLOROMETHANE	4.786	83	162407	9.56	UG/L		99
59)	MIBK	5.422	43	1181827	85.31	UG/L		94
60)	CIS-1,3-DICHLOROPROPENE	5.238	75	189797	9.48	UG/L		98
61)	TOLUENE	5.553	91	591236	10.08	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.807	75	158734	10.85	UG/L		99
63)	ETHYL METHACRYLATE	5.941	69	141258	9.01	UG/L		98
64)	1,1,2-TRICHLOROETHANE	5.977	97	125686	10.00	UG/L		98
65)	2-HEXANONE	6.259	43	769481	20.50	UG/L		95
66)	TETRACHLOROETHENE	6.080	166	154033	9.93	UG/L		100
67)	1,3-DICHLOROPROPANE	6.130	76	199464	9.86	UG/L		97
68)	DIBROMOCHLOROMETHANE	6.342	129	119691	10.63	UG/L		100
69)	1,2-DIBROMOETHANE	6.429	107	131174	10.04	UG/L		99
72)	CHLOROBENZENE	6.925	112	412831	10.64	UG/L		98
73)	1,1,1,2-TETRACHLOROETHANE	7.020	131	123242	10.01	UG/L		99
74)	ETHYLBENZENE	7.056	91	654711	10.11	UG/L		98
75)	M/P-XYLENES	7.179	91	1013236	20.31	UG/L		97
76)	0-XYLENE	7.558	91	528226	10.78	UG/L		99
77)	STYRENE	7.578	104	428497	10.50	UG/L		99
78)	BROMOFORM	7.734	173	63833	11.97	UG/L		98
79)	ISOPROPYLBENZENE	7.934	105	597550	10.86	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.021	53	31727	6.72	UG/L	#	76
81)	1,1,2,2-TETRACHLOROETHANE	8.250	83	147998	10.05	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.308	53	31990	6.60	UG/L		93
83)	BROMOBENZENE	8.185	77	244422	10.03	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.272	75	114150	9.93	UG/L		97
85)	N-PROPYLBENZENE	8.339	91	672945	10.66	UG/L		98
86)	2-CHLOROT0LUENE	8.395	91	432158	10.34	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.526	105	484314	9.88	UG/L		100
88)	4-CHLOROTOLUENE	8.506	91	507974	10.71	UG/L		99
90)	TERT-BUTYLBENZENE	8.835	119	396719	10.35	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.883	105	491432	9.68	UG/L		99
92)	SEC-BUTYLBENZENE	9.050	105	536804	10.65	UG/L		99
93)	1,3-DICHLOROBENZENE	9.125	146	299876	10.27	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.206	119	450645	10.17	UG/L		100
95)	1,4-DICHLOROBENZENE	9.214	146	307716	9.66	UG/L		99
96)	N-BUTYLBENZENE	9.608	91	365276	9.46	UG/L		97
97)	1,2-DICHLOROBENZENE	9.569	146	288423	10.50	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.347	75	15245	8.34	UG/L		97
99)	1,3,5-TRICHLOROBENZENE	10.547	180	156530	8.47	UG/L		98
100)	1,2,4-TRICHLOROBENZENE	11.150	180	97738	7.71	UG/L		98
101)	HEXACHLOROBUTADIENE	11.345	225	60181	9.67	UG/L		99
102)	NAPHTHALENE	11.381	128	143450	7.34	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.618	180	69486	7.56	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : X:\1\DATA\032712\
Data File : VC087026.D
Acq On : 28 Mar 2012 12:46 am
Operator :
Sample : B0-BS1 Inst : GCMSVOA3
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 29 12:26:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BSD1	File ID:	VC087027.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 01:16
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	101	0.54	50	
107-13-1	Acrylonitrile	10.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.4	0.11	0.50	
71-43-2	Benzene	9.67	0.050	1.0	
108-86-1	Bromobenzene	9.86	0.10	1.0	
74-97-5	Bromochloromethane	10.2	0.10	1.0	
75-27-4	Bromodichloromethane	9.48	0.080	0.50	
75-25-2	Bromoform	12.9	0.25	1.0	V-20
74-83-9	Bromomethane	5.01	0.38	2.0	
78-93-3	2-Butanone (MEK)	103	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	102	3.5	20	R-05, V-16
104-51-8	n-Butylbenzene	9.61	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.5	0.070	0.50	
75-15-0	Carbon Disulfide	9.06	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.33	0.090	5.0	
108-90-7	Chlorobenzene	10.5	0.050	1.0	
124-48-1	Chlorodibromomethane	10.9	0.12	0.50	
75-00-3	Chloroethane	8.16	0.33	2.0	
67-66-3	Chloroform	10.1	0.040	2.0	
74-87-3	Chloromethane	8.60	0.13	2.0	
95-49-8	2-Chlorotoluene	10.4	0.050	1.0	
106-43-4	4-Chlorotoluene	10.6	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.1	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.4	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BSD1	File ID:	VC087027.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 01:16
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.74	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.13	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.73	0.040	2.0	
75-34-3	1,1-Dichloroethane	9.96	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.2	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.88	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.18	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.44	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.69	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.60	0.13	1.0	
563-58-6	1,1-Dichloropropene	9.97	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.66	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	9.24	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	90.0	3.5	50	V-05, V-16
100-41-4	Ethylbenzene	9.83	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	1.0	
591-78-6	2-Hexanone (MBK)	47.0	0.66	50	V-05, L-04, R-05
98-82-8	Isopropylbenzene (Cumene)	10.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.1	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048653-BSD1	File ID:	VC087027.D
Sampled:		Prepared:	03/27/12 14:04	Analyzed:	03/28/12 01:16
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B048653	Sequence:	S002053	Calibration:	1200043
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.7	2.3	5.0	V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	98.5	0.22	10	
91-20-3	Naphthalene	9.56	0.21	2.0	R-05
103-65-1	n-Propylbenzene	10.6	0.040	1.0	
100-42-5	Styrene	10.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.0	0.18	0.50	
127-18-4	Tetrachloroethylene	9.75	0.14	1.0	
109-99-9	Tetrahydrofuran	10.1	1.0	10	R-05
108-88-3	Toluene	9.86	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.74	0.22	5.0	R-05
120-82-1	1,2,4-Trichlorobenzene	9.11	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.66	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	9.70	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.91	0.080	1.0	
79-01-6	Trichloroethylene	9.37	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	8.67	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.57	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.73	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.83	0.060	1.0	
75-01-4	Vinyl Chloride	7.46	0.16	2.0	
108383/106423	m+p Xylene	20.0	0.070	2.0	
95-47-6	o-Xylene	10.7	0.050	1.0	

Data Path : X:\1\DATA\032712\
Data File : VC087027.D
Acq On : 28 Mar 2012 1:16 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 29 12:26:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.275	168	582719	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.017	114	937466	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	6.897	82	497052	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.192	152	526044	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.540	65	245213	25.29	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.16%				
49) TOLUENE SS	5.486	98	862683	24.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.16%				
71) 4-BROMOFLUOROBENZENE SS	8.066	95	414686	25.46	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.835	85	109439	7.73	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.838	51	180561	9.41	UG/L		98
5) CHLOROMETHANE	0.910	50	91701	8.60	UG/L		99
6) VINYL CHLORIDE	0.958	62	83544	7.46	UG/L		99
7) BROMOMETHANE	1.100	94	37641	5.01	UG/L		98
8) CHLOROETHANE	1.142	64	41637	8.16	UG/L		97
9) FLUORODICHLOROMETHANE	1.225	67	137544	8.74	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.253	101	129716	8.67	UG/L		99
11) ETHANOL	1.342	45	1530	24.82	UG/L	#	56
12) DI ETHYL ETHER	1.384	59	61749	9.24	UG/L		99
13) ACROLEIN	1.451	56	112484	91.31	UG/L		94
14) ACETONE	1.529	43	230378	101.43	UG/L		100
15) 1,1-DICHLOROETHENE	1.499	61	120161	8.88	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.499	101	70287	9.57	UG/L		98
17) IODOMETHANE	1.585	142	156143	11.28	UG/L		96
20) METHYL ACETATE	1.705	43	84318	12.34	UG/L		99
21) T-BUTYL ALCOHOL	1.844	59	64540	101.85	UG/L	#	93
22) ACRYLONITRILE	1.917	53	56368	10.38	UG/L		97
23) METHYLENE CHLORIDE	1.761	49	140771	10.74	UG/L		96
24) CARBON DISULFIDE	1.616	76	210688	9.06	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	1.936	73	331766	11.07	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	1.928	61	196826	9.44	UG/L		98
27) 1,1-DICHLOROETHANE	2.221	63	243582	9.96	UG/L		99
28) VINYL ACETATE	2.268	43	2828058	91.62	UG/L	#	94
29) DI ISOPROYL ETHER	2.282	45	489736	10.55	UG/L		93
31) 2-BUTANONE	2.739	43	622137	103.07	UG/L		97
32) T-BUTYL ETHYL ETHER	2.583	59	394132	10.50	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.703	61	221001	9.18	UG/L		99
34) 2,2-DICHLOROPROPANE	2.703	77	135490	8.60	UG/L		100
35) ETHYL ACETATE	2.806	43	138196	8.60	UG/L		100
38) BROMOCHLOROMETHANE	2.935	49	143976	10.24	UG/L		94
39) TETRAHYDROFURAN	3.002	42	40590	10.12	UG/L		96
40) CHLOROFORM	3.035	83	232521	10.09	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.202	97	198136	9.70	UG/L		97
42) CYCLOHEXANE	3.253	56	231959	9.85	UG/L		99
43) CARBON TETRACHLORIDE	3.370	117	148361	9.33	UG/L		100
44) 1,1-DICHLOROPROPENE	3.381	75	179005	9.97	UG/L		99
45) BENZENE	3.590	78	514893	9.67	UG/L		100
47) T-AMYLMETHYL ETHER	3.743	73	314657	10.37	UG/L		95
50) 1,2-DICHLOROETHANE	3.621	62	210852	10.17	UG/L		100
51) TRICHLOROETHENE	4.262	95	139451	9.37	UG/L		98
52) METHYLCYCLOHEXANE	4.438	83	160135	10.23	UG/L		100
53) 1,2-DICHLOROPROPANE	4.482	63	138664	9.69	UG/L		98

Data Path : X:\1\DATA\032712\
Data File : VC087027.D
Acq On : 28 Mar 2012 1:16 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 29 12:26:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration

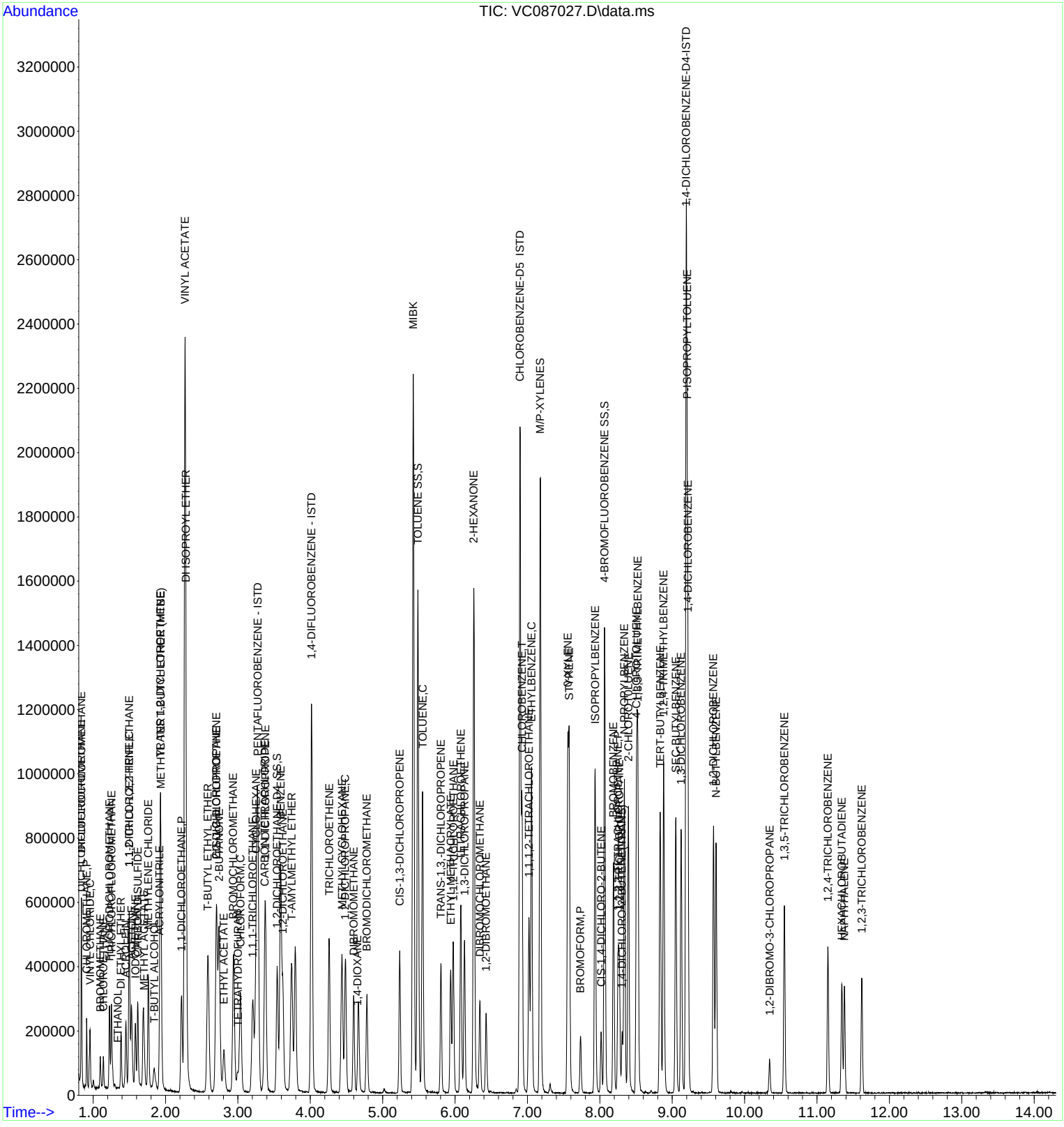
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) DIBROMOMETHANE	4.602	93	95394	10.40	UG/L		95
56) 1,4-DIOXANE	4.652	88	9348	90.02	UG/L	#	49
57) BROMODICHLOROMETHANE	4.781	83	160673	9.48	UG/L		98
59) MIBK	5.422	43	1361952	98.54	UG/L		94
60) CIS-1,3-DICHLOROPROPENE	5.235	75	192905	9.66	UG/L		98
61) TOLUENE	5.553	91	577297	9.86	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.804	75	167145	11.45	UG/L		99
63) ETHYL METHACRYLATE	5.941	69	155894	9.96	UG/L		99
64) 1,1,2-TRICHLOROETHANE	5.977	97	124208	9.91	UG/L		99
65) 2-HEXANONE	6.259	43	916681	47.04	UG/L		95
66) TETRACHLOROETHENE	6.080	166	150849	9.75	UG/L		100
67) 1,3-DICHLOROPROPANE	6.130	76	205559	10.18	UG/L		100
68) DIBROMOCHLOROMETHANE	6.345	129	122147	10.88	UG/L		98
69) 1,2-DIBROMOETHANE	6.426	107	135349	10.38	UG/L		100
72) CHLOROBENZENE	6.925	112	403544	10.54	UG/L		98
73) 1,1,1,2-TETRACHLOROETHANE	7.023	131	123272	10.14	UG/L		99
74) ETHYLBENZENE	7.056	91	628455	9.83	UG/L		99
75) M/P-XYLENES	7.176	91	982455	19.96	UG/L		97
76) 0-XYLENE	7.558	91	516965	10.69	UG/L		99
77) STYRENE	7.578	104	415902	10.33	UG/L		99
78) BROMOFORM	7.731	173	67892	12.90	UG/L		98
79) ISOPROPYLBENZENE	7.935	105	586074	10.80	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.018	53	36160	7.77	UG/L	#	79
81) 1,1,2,2-TETRACHLOROETHANE	8.250	83	160304	11.04	UG/L		99
82) 1,4-DICHLORO-2-BUTENE(...	8.306	53	38956	8.13	UG/L	#	84
83) BROMOBENZENE	8.188	77	236994	9.86	UG/L		97
84) 1,2,3-TRICHLOROPROPANE	8.269	75	124120	10.94	UG/L		98
85) N-PROPYLBENZENE	8.339	91	660217	10.60	UG/L		98
86) 2-CHLOROT0LUENE	8.395	91	427115	10.36	UG/L		98
87) 1,3,5-TRIMETHYLBENZENE	8.526	105	475502	9.83	UG/L		99
88) 4-CHLOROTOLUENE	8.506	91	497939	10.65	UG/L		99
90) TERT-BUTYLBENZENE	8.835	119	395982	10.39	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.880	105	491018	9.73	UG/L		100
92) SEC-BUTYLBENZENE	9.050	105	527058	10.52	UG/L		99
93) 1,3-DICHLOROBENZENE	9.123	146	296755	10.22	UG/L		100
94) P-ISOPROPYLTOLUENE	9.206	119	443462	10.07	UG/L		100
95) 1,4-DICHLOROBENZENE	9.217	146	308614	9.74	UG/L		99
96) N-BUTYLBENZENE	9.605	91	368601	9.61	UG/L		97
97) 1,2-DICHLOROBENZENE	9.569	146	292801	10.72	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.347	75	18838	10.13	UG/L		94
99) 1,3,5-TRICHLOROBENZENE	10.550	180	158941	8.66	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.150	180	117707	9.11	UG/L		99
101) HEXACHLOROBUTADIENE	11.345	225	62702	10.14	UG/L		98
102) NAPHTHALENE	11.379	128	208714	9.56	UG/L		99
103) 1,2,3-TRICHLOROBENZENE	11.618	180	94289	9.74	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\1\DATA\032712\
Data File : VC087027.D
Acq On : 28 Mar 2012 1:16 am
Operator :
Sample : B0-BSD1 Inst : GCMSVOA3
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 29 12:26:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\C0327W12.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Mar 28 16:16:03 2012
Response via : Initial Calibration



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MISC_AIR

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SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

RB12321

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04	File ID:	E032805.D
Sampled:	03/21/12 11:30	Prepared:	03/28/12 11:27	Analyzed:	03/28/12 12:16
Solids:		Preparation:	NO PREP	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B048725	Sequence:	S001959	Calibration:	1100054
Instrument:	SYSE				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

178

Data File : R:\E032812\E032805.D Vial: 5
Acq On : 28 Mar 2012 12:16 pm Operator: WSD
Sample : 12C0706-4 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:17:41 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

Target Compounds

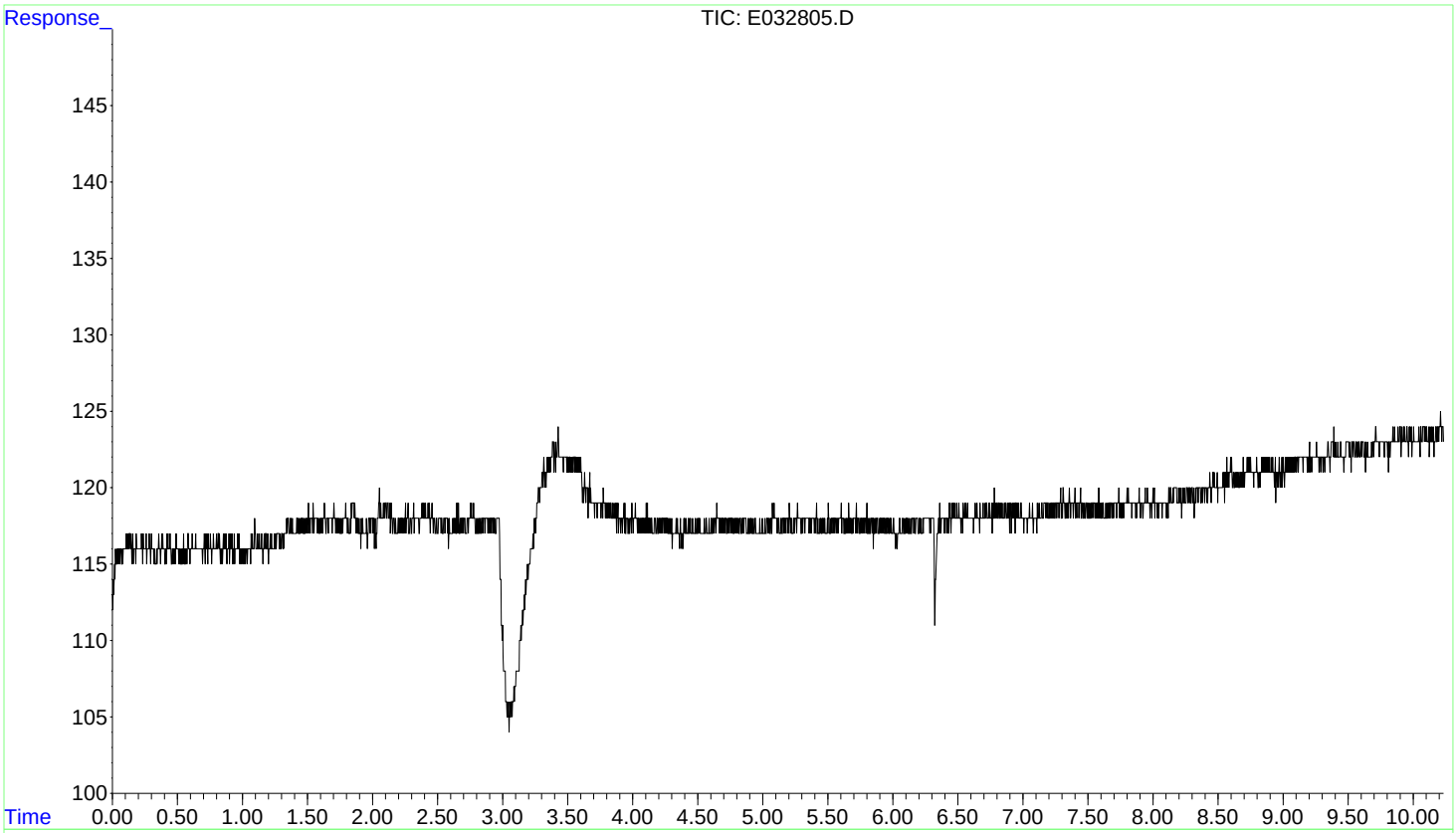
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

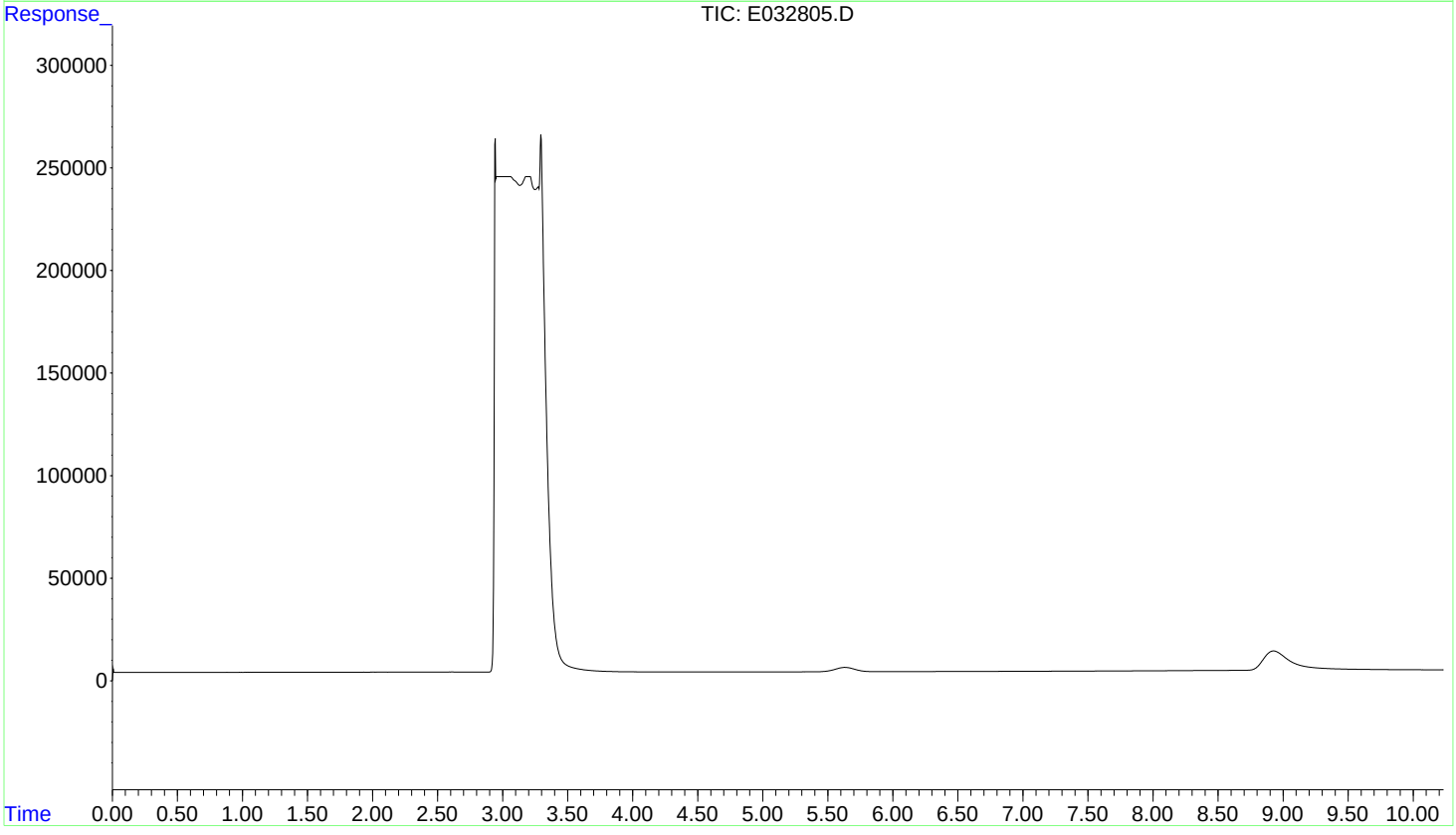
Data File : R:\E032812\E032805.D
Acq On : 28 Mar 2012 12:16 pm
Sample : 12C0706-4 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:17:41 2012

Vial: 5
Operator: WSD
Inst : HP5890
Multiplr: 1.00

179

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048725	Laboratory ID:	B048725-BS1
Column:		Initial/Final:	1 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ethane	2000	2200	108	60 - 122
Ethene	2000	2200	108	67 - 113
Methane	2000	2200	108	56 - 121

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4 - FORM IV
METHOD BLANK SUMMARY

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Blank ID:	B048725-BLK1	Batch:	B048725

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Duplicate	B048725-DUP1	E032806.D	12:41
LCS	B048725-BS1	E032803.D	11:40
RB12321	12C0706-04	E032805.D	12:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

3810/RSK175

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethane	20	518.2	50	545.76	100	515.99	200	498.925	1000	577.067	2000	571.828
Ethene	20	427.2	50	421.94	100	510.8	200	502.245	1000	532.173	2000	531.587
Methane	20	352.6	50	318.68	100	316.87	200	330.14	1000	365.527	2000	365.7795

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Client: Ecology & Environment SDG: 12C0705

Project: EN.002699.0025.06 - Farmingdale, NY

Calibration: 1100054 Instrument: SYSE

Calibration Date: 1/10/2011 12:00:09AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethane	5000	547.831	10000	549.4471	20000	557.3306						
Ethene	5000	509.6524	10000	512.5107	20000	519.158						
Methane	5000	351.8082	10000	352.9629	20000	357.6328						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Calibration:	1100054	Instrument:	SYSE
		Calibration Date:	1/10/2011 12:00:09AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethane	542.4865	4.9			20	
Ethene	496.3629	8.4			20	
Methane	345.7778	5.5			20	

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INITIAL CALIBRATION STANDARDS

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Sequence:	S001299	Instrument:	SYSE
Calibration:	1100054		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111193	RSK175 STD 20 PPMv	S001299-CAL1	E011001.D	01/10/11 12:58
1111194	RSK175 STD 50 PPMv	S001299-CAL2	E011002.D	01/10/11 13:10
1111195	RSK175 STD 100 PPMv	S001299-CAL3	E011003.D	01/10/11 13:25
1111196	RSK175 STD 200 PPMv	S001299-CAL4	E011004.D	01/10/11 13:40
1111198	RSK175 STD 1000 PPMv	S001299-CAL6	E011006.D	01/10/11 14:11
1111199	RSK175 STD 2000 PPMv	S001299-CAL7	E011007.D	01/10/11 14:29
1111200	RSK175 STD 5000 PPMv	S001299-CAL8	E011008.D	01/10/11 14:47
1111201	RSK175 STD 10000 PPMv	S001299-CAL9	E011009.D	01/10/11 15:01
1111202	RSK175 STD 20000 PPMv	S001299-CALA	E011010.D	01/10/11 15:17

Injection Log

Directory: D:\HPCHEM\2\DATA\ARCHIVE\E011011A

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	E011001.d	1.	20 ppmv RSK 3 COMPONENT		10 Jan 2011 12:58
2	2	E011002.d	1.	50 ppmv RSK 3 COMPONENT		10 Jan 2011 13:10
3	3	E011003.d	1.	100 ppmv RSK 3 COMPONENT		10 Jan 2011 13:25
4	4	E011004.d	1.	200 ppmv RSK 3 COMPONENT		10 Jan 2011 13:40
5	5	E011005.d	1.	500 ppmv RSK 3 COMPONENT		10 Jan 2011 13:56
6	6	E011006.d	1.	1000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:11
7	7	E011007.d	1.	2000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:29
8	8	E011008.d	1.	5000 ppmv RSK 3 COMPONENT		10 Jan 2011 14:47
9	9	E011009.d	1.	10000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:01
10	10	E011010.d	1.	20000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:17
11	11	E011011.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:34
12	12	E011012.d	1.	LCS1 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 15:47
13	13	E011013.d	1.	LCS2 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:01
14	14	E011014.d	1.	MB		10 Jan 2011 16:12
15	15	E011015.d	1.	MDL #1 10 PPM		10 Jan 2011 16:24
16	16	E011016.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 16:37
17	17	E011017.d	1.	CCV 2000 ppmv RSK 3 COMPONENT		10 Jan 2011 17:12

S 1299

1100054

Response Factor Report HP5890

Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 14:07:13 2011

Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane							0.000	0	-1.00
2)	Ethene							0.000	0	-1.00
3)	Ethane							0.000	0	-1.00

Signal #2 Calibration Files
1 =E011001.D 2 =E011002.D 3 =E011003.D
4 =E011004.D 5 =E011006.D 6 =E011007.D

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane	3.526	3.187	3.169	3.301	3.655	3.658	3.458	E2	5.49
2)	Ethene	4.272	4.219	5.108	5.022	5.322	5.316	4.964	E2	8.44
3)	Ethane	5.182	5.458	5.160	4.989	5.771	5.718	5.425	E2	4.86

(#) = Out of Range ### Number of calibration levels exceeded format ###

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

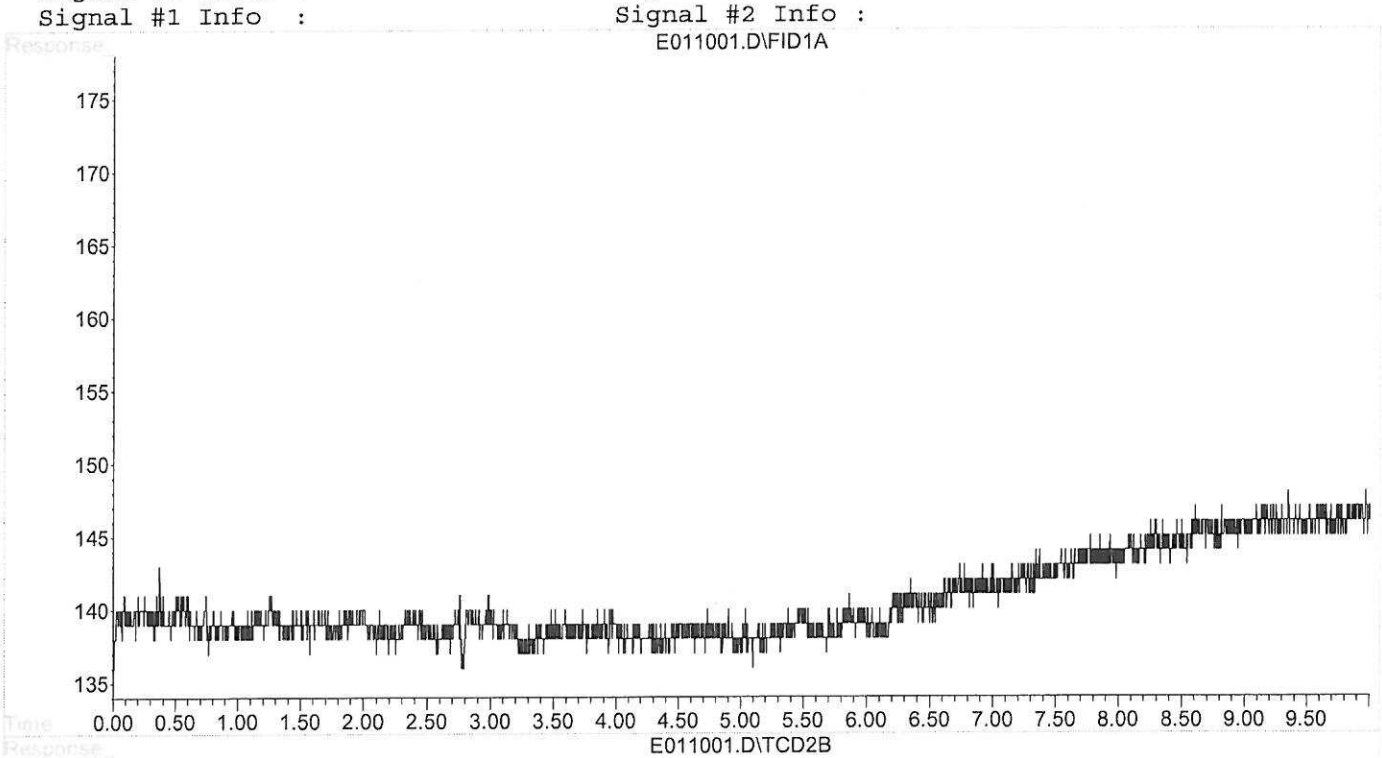
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	7052	N.D.	20.548m
2)	Ethene	0.00	7.60	0	8544	N.D.	17.053
3)	Ethane	0.00	8.42	0	10364	N.D.	19.130m

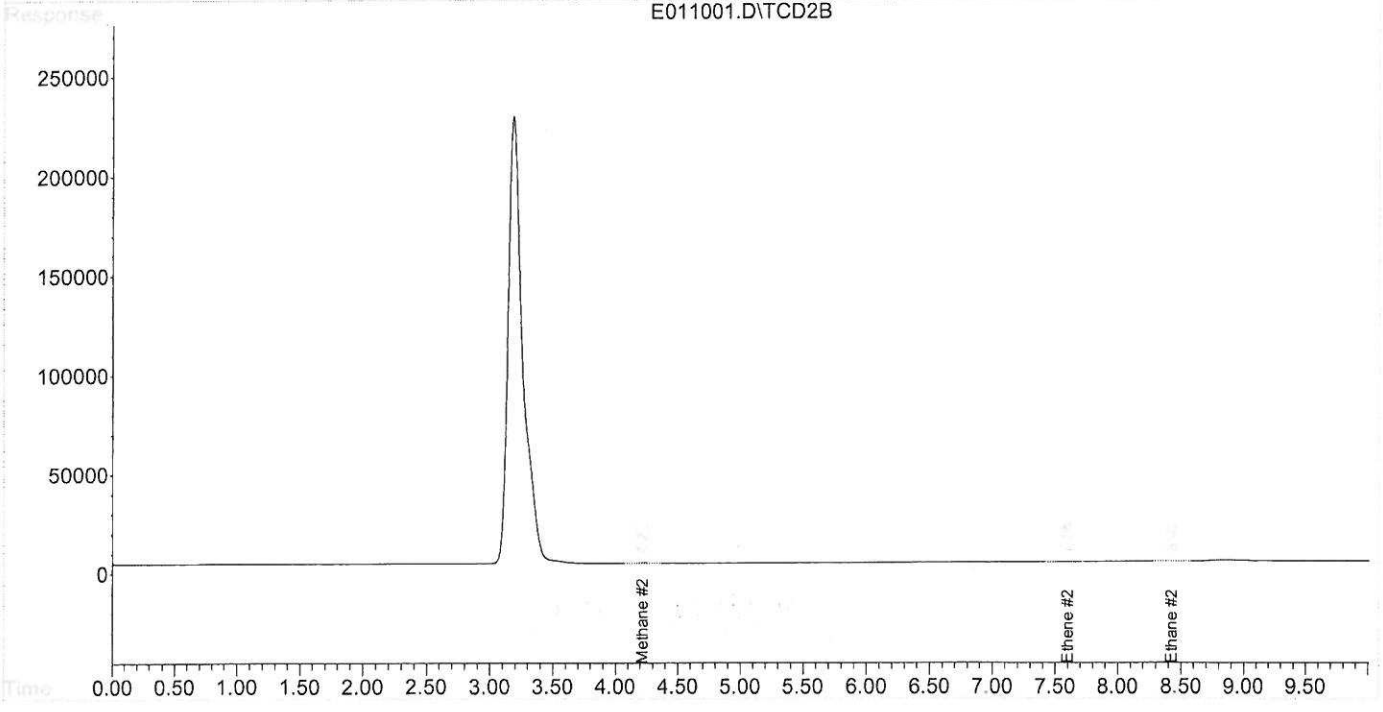
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\FID1A.CH Vial: 1
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011001.D\TCD2B.CH
Acq On : 10 Jan 2011 12:58 pm Operator: XC
Sample : 20 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:57 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:56:33 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	15934	N.D.	46.428
2)	Ethene	0.00	7.59	0	21097	N.D.	41.827m
3)	Ethane	0.00	8.42	0	27288	N.D.	50.854m

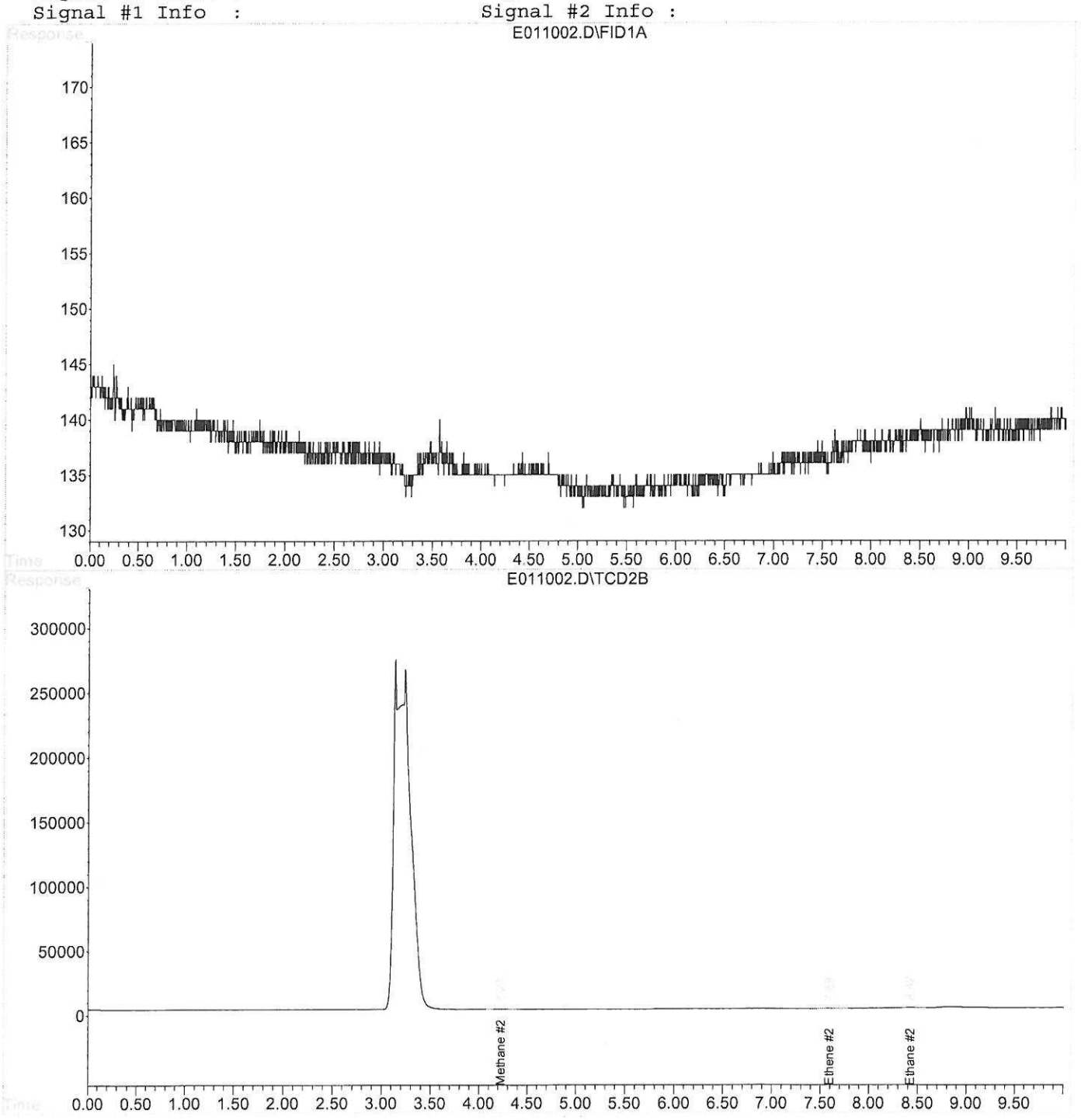
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\FID1A.CH Vial: 2
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011002.D\TCD2B.CH
Acq On : 10 Jan 2011 1:10 pm Operator: XC
Sample : 50 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:56 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:55:10 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	31687	N.D.	92.328
2)	Ethene	0.00	7.58	0	51080	N.D.	101.939m
3)	Ethane	0.00	8.42	0	51599	N.D.	96.365m

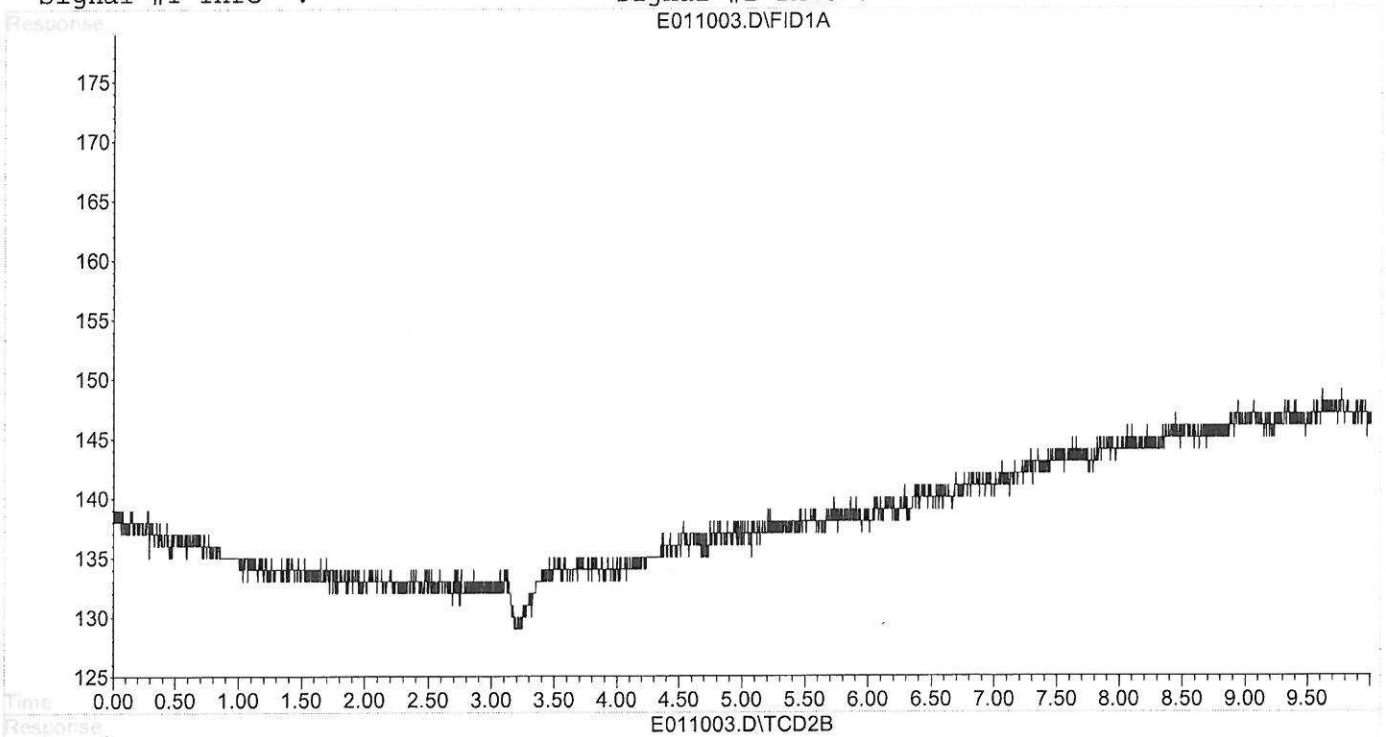
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

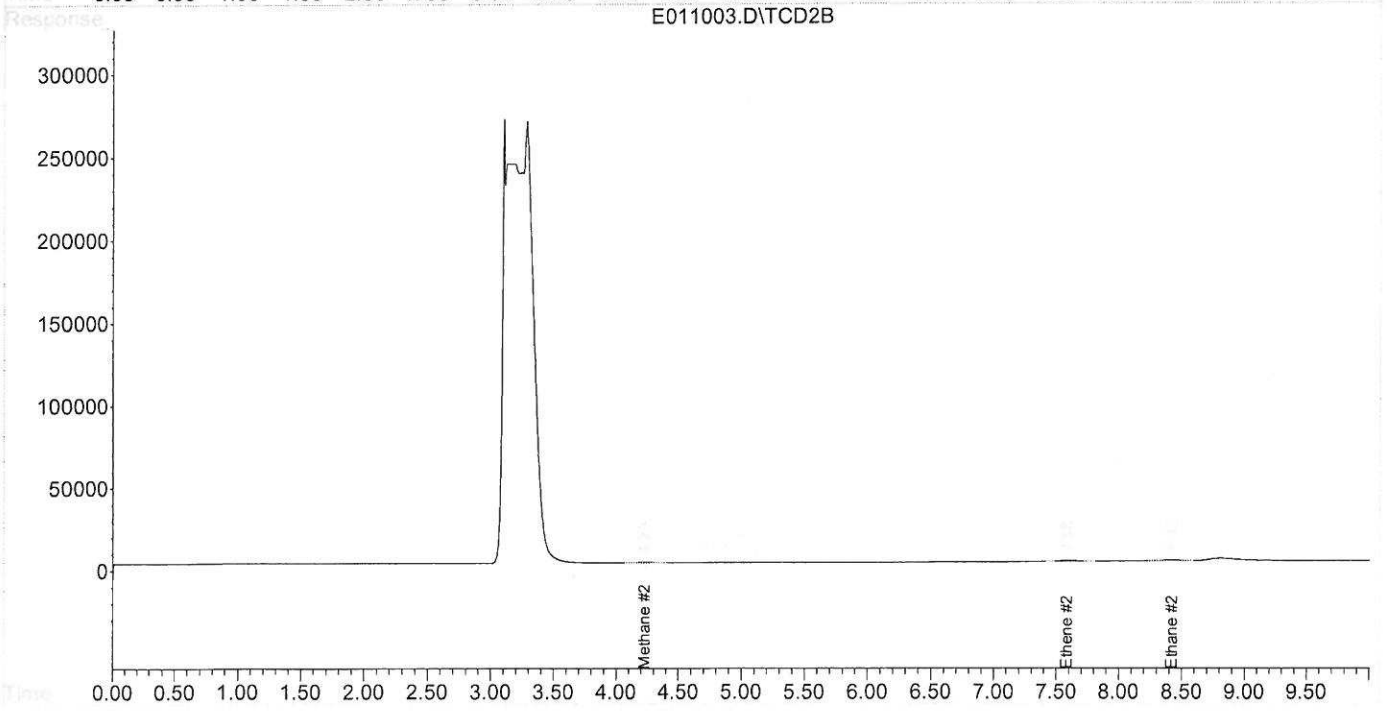
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\FID1A.CH Vial: 3
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011003.D\TCD2B.CH
Acq On : 10 Jan 2011 1:25 pm Operator: XC
Sample : 100 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:54 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:54:04 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	66028	N.D.	192.551m
2)	Ethene	0.00	7.57	0	100449	N.D.	201.082m
3)	Ethane	0.00	8.41	0	99785	N.D.	186.006m

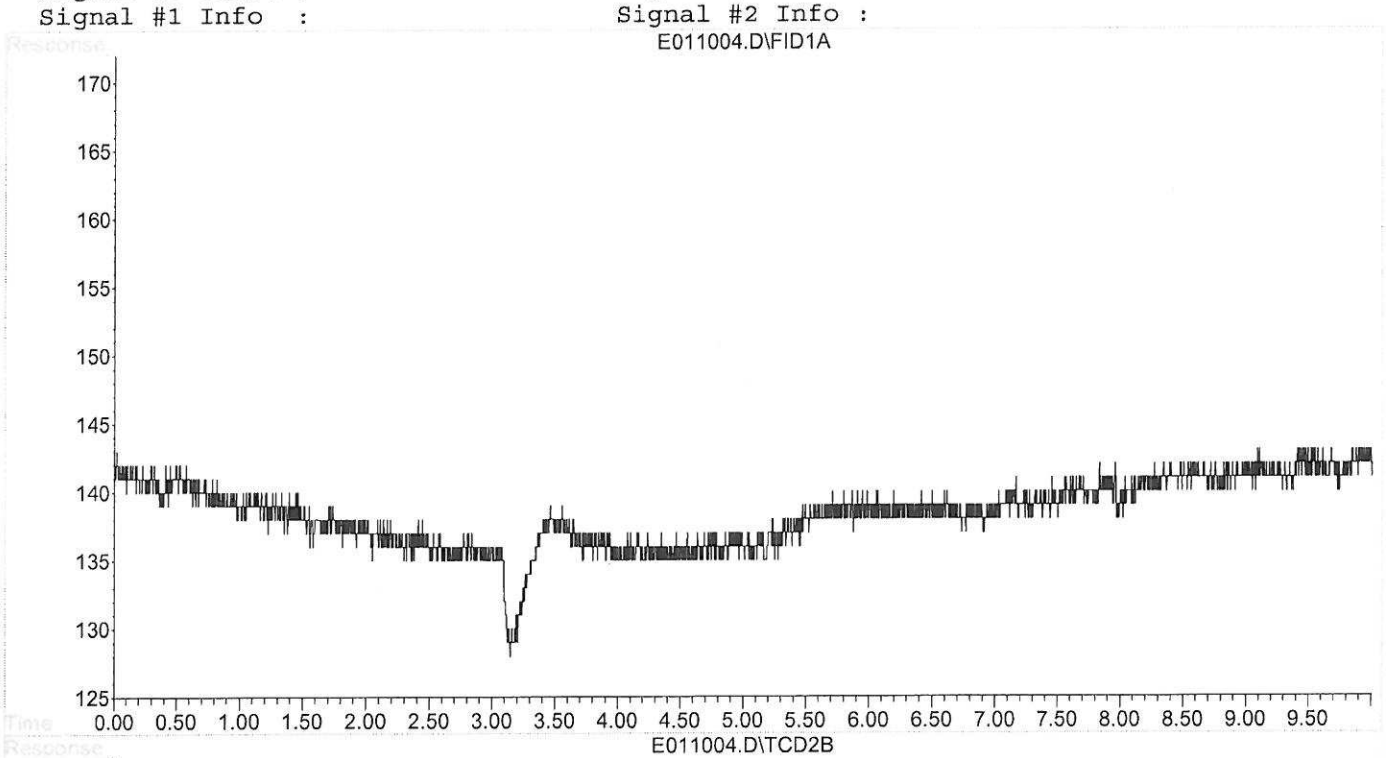
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

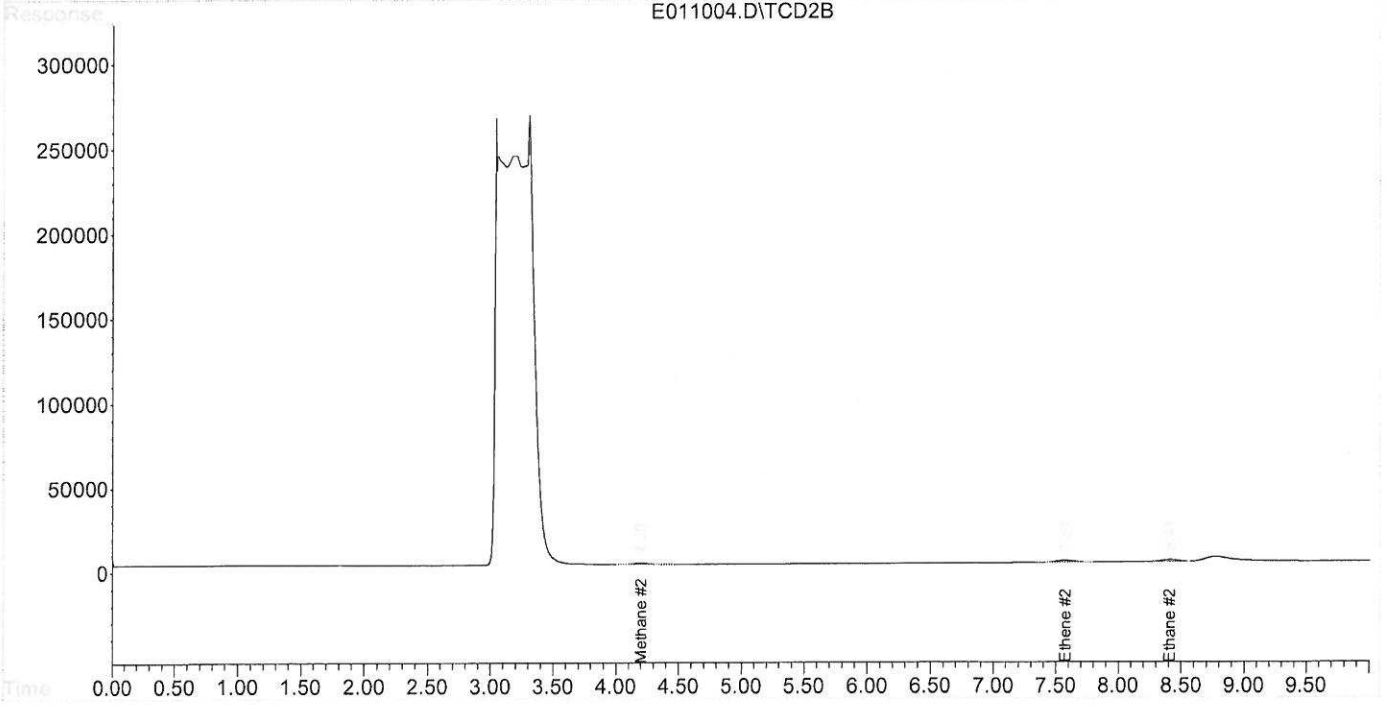
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\FID1A.CH Vial: 4
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011004.D\TCD2B.CH
Acq On : 10 Jan 2011 1:40 pm Operator: XC
Sample : 200 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:53 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:52:01 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.19	0	152389	N.D.	444.837
2)	Ethene	0.00	7.57	0	245159	N.D.	491.617m
3)	Ethane	0.00	8.41	0	232164	N.D.	432.007m

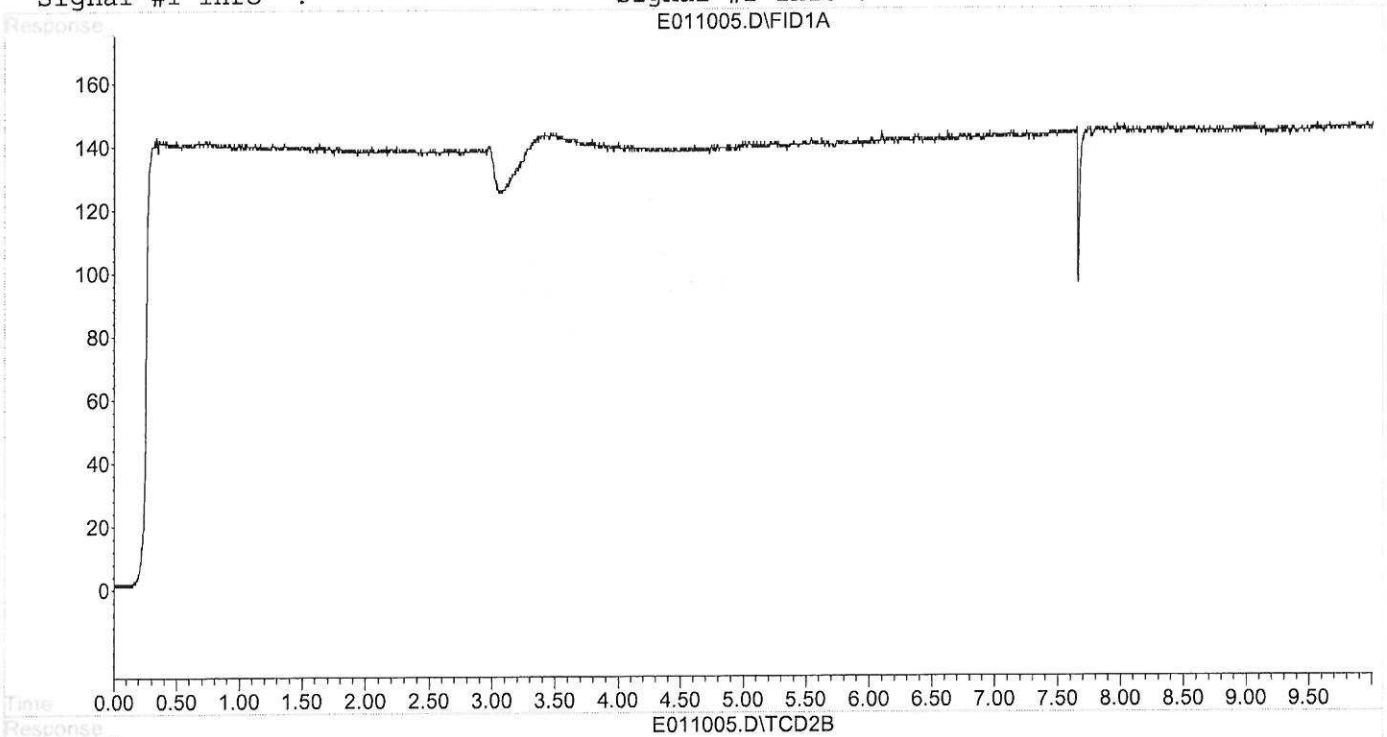
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

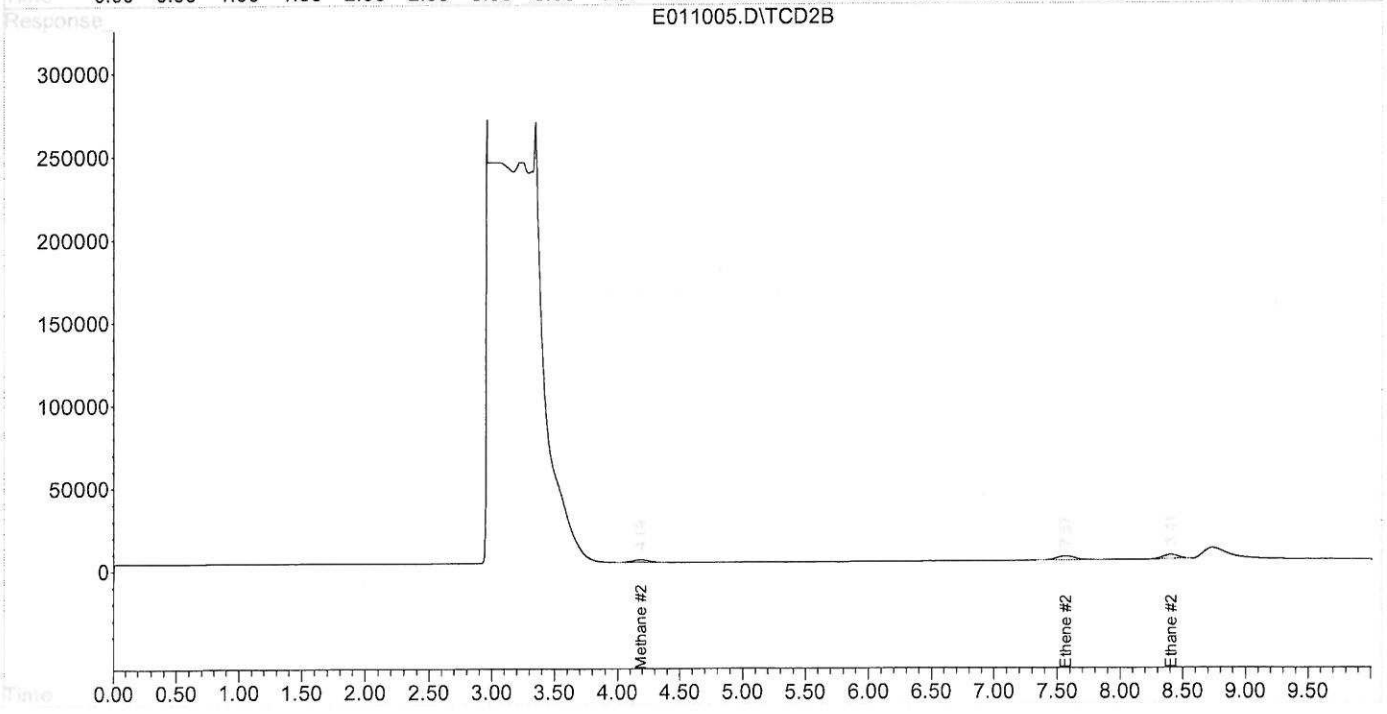
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\FID1A.CH Vial: 5
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011005.D\TCD2B.CH
Acq On : 10 Jan 2011 1:56 pm Operator: XC
Sample : 500 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:40 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:39:00 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

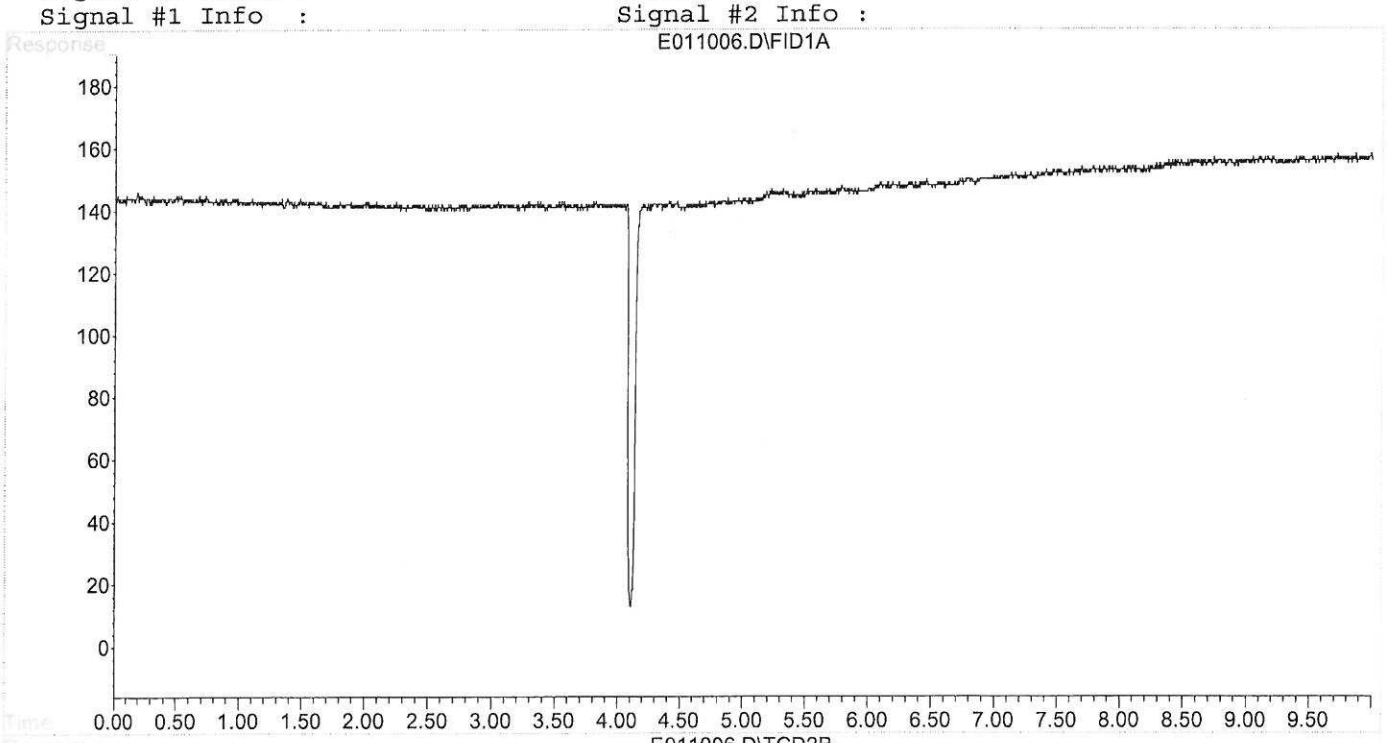
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	365527	N.D.	1067.004
2)	Ethene	0.00	7.59	0	532173	N.D.	1067.253m
3)	Ethane	0.00	8.42	0	577067	N.D.	1074.428m

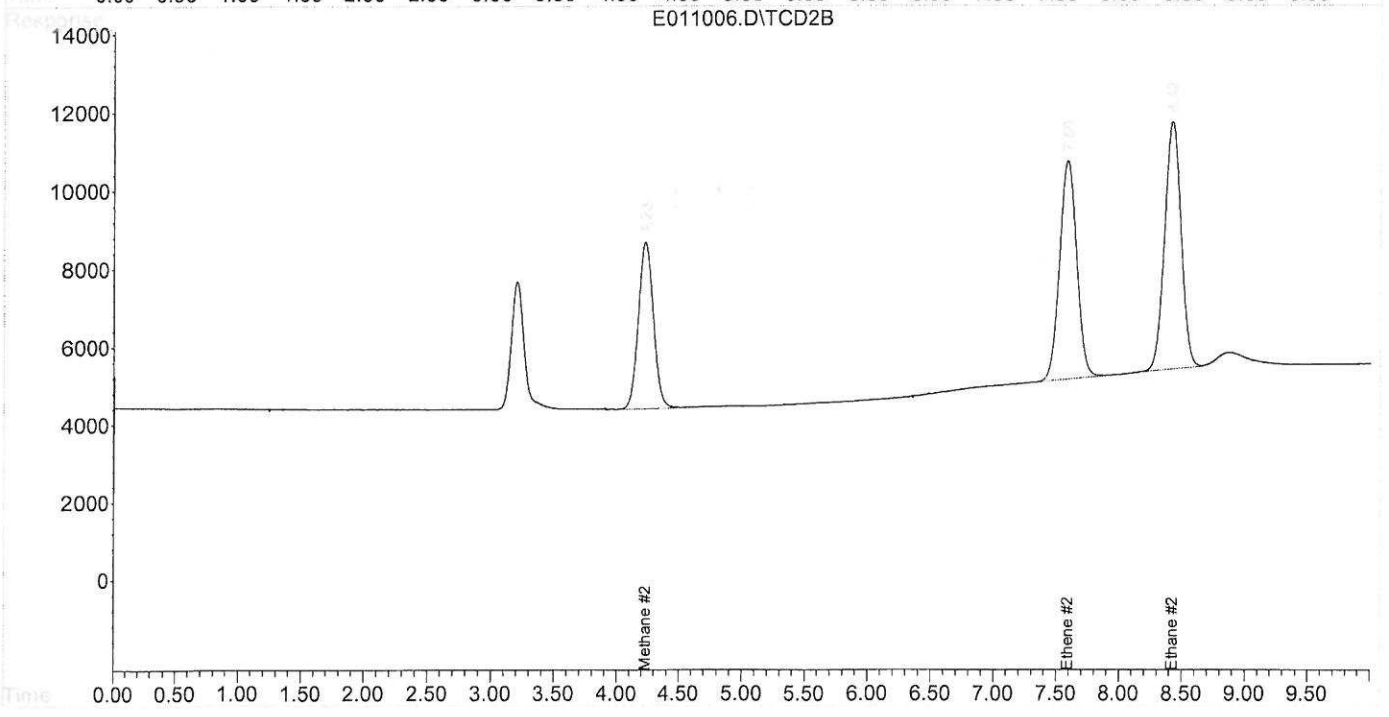
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\FID1A.CH Vial: 6
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011006.D\TCD2B.CH
Acq On : 10 Jan 2011 2:11 pm Operator: XC
Sample : 1000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:38 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:37:46 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	731559	N.D.	2135.170m
2)	Ethene	0.00	7.59	0	1063174	N.D.	2132.612m
3)	Ethane	0.00	8.42	0	1143656	N.D.	2128.884m

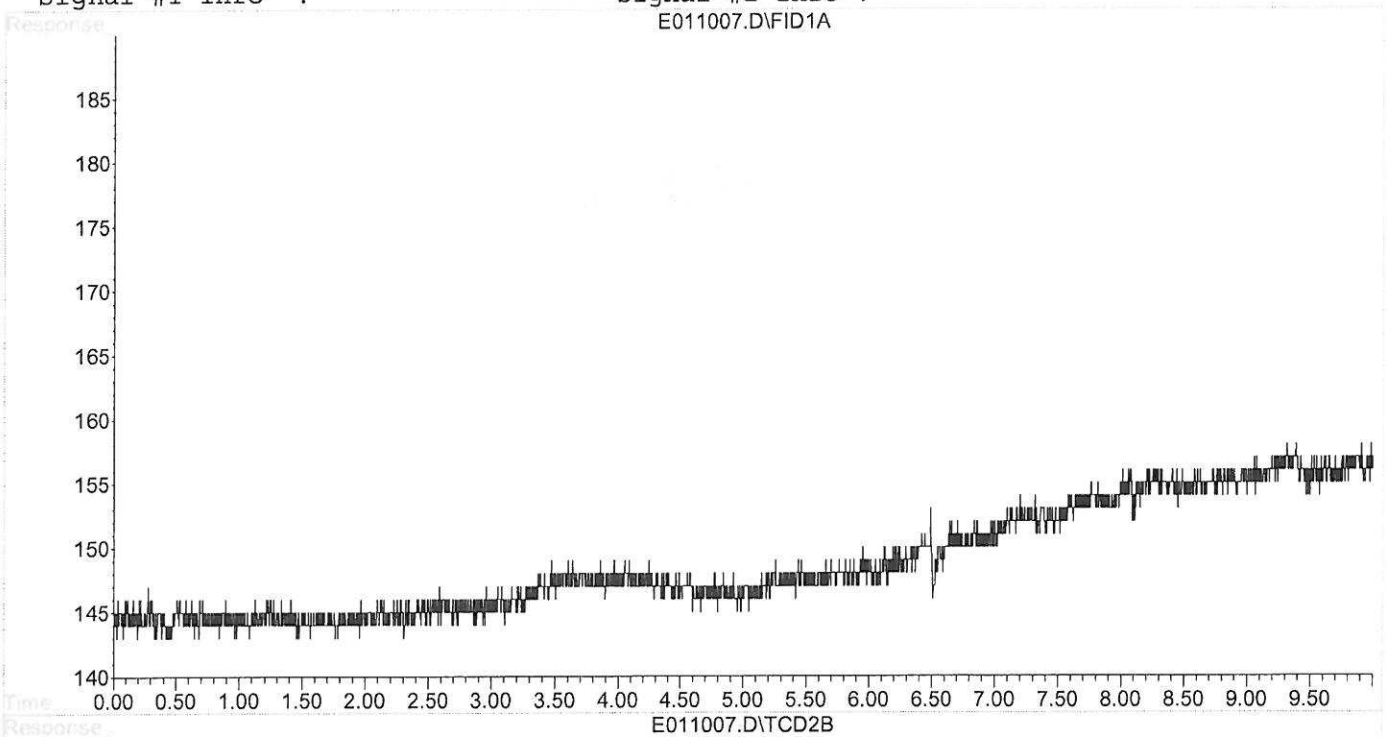
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

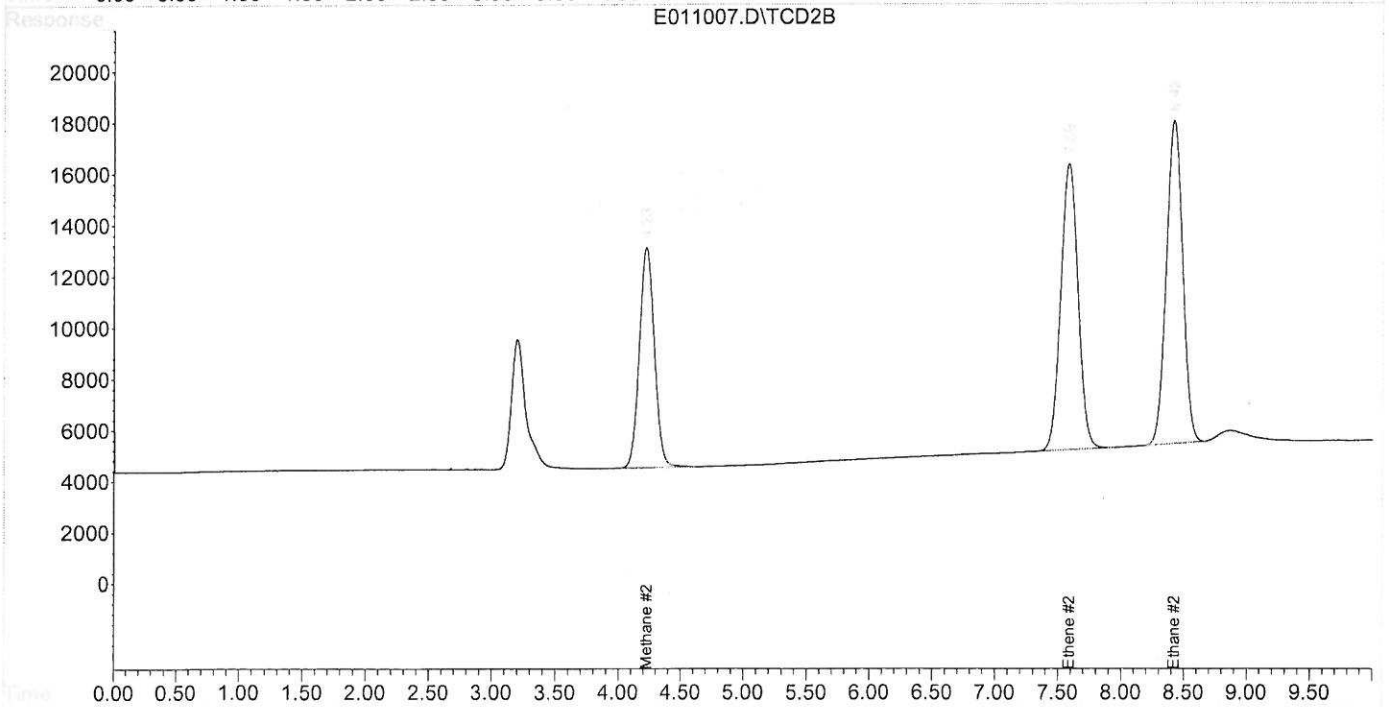
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\FID1A.CH Vial: 7
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011007.D\TCD2B.CH
Acq On : 10 Jan 2011 2:29 pm Operator: XC
Sample : 2000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:37 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:36:22 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.23	0	1759041	N.D.	5134.038
2)	Ethene	0.00	7.59	0	2548262	N.D.	5110.888m
3)	Ethane	0.00	8.42	0	2739155	N.D.	5097.947m

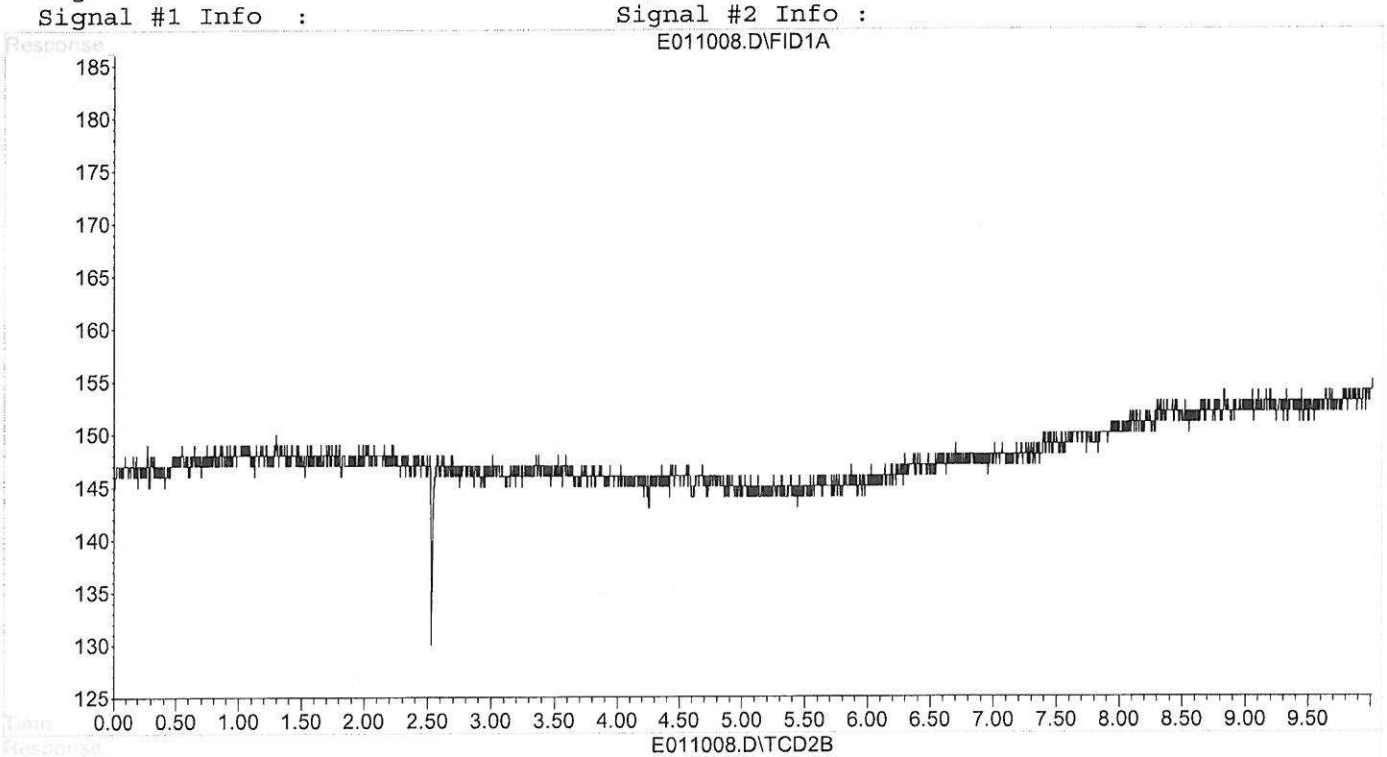
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

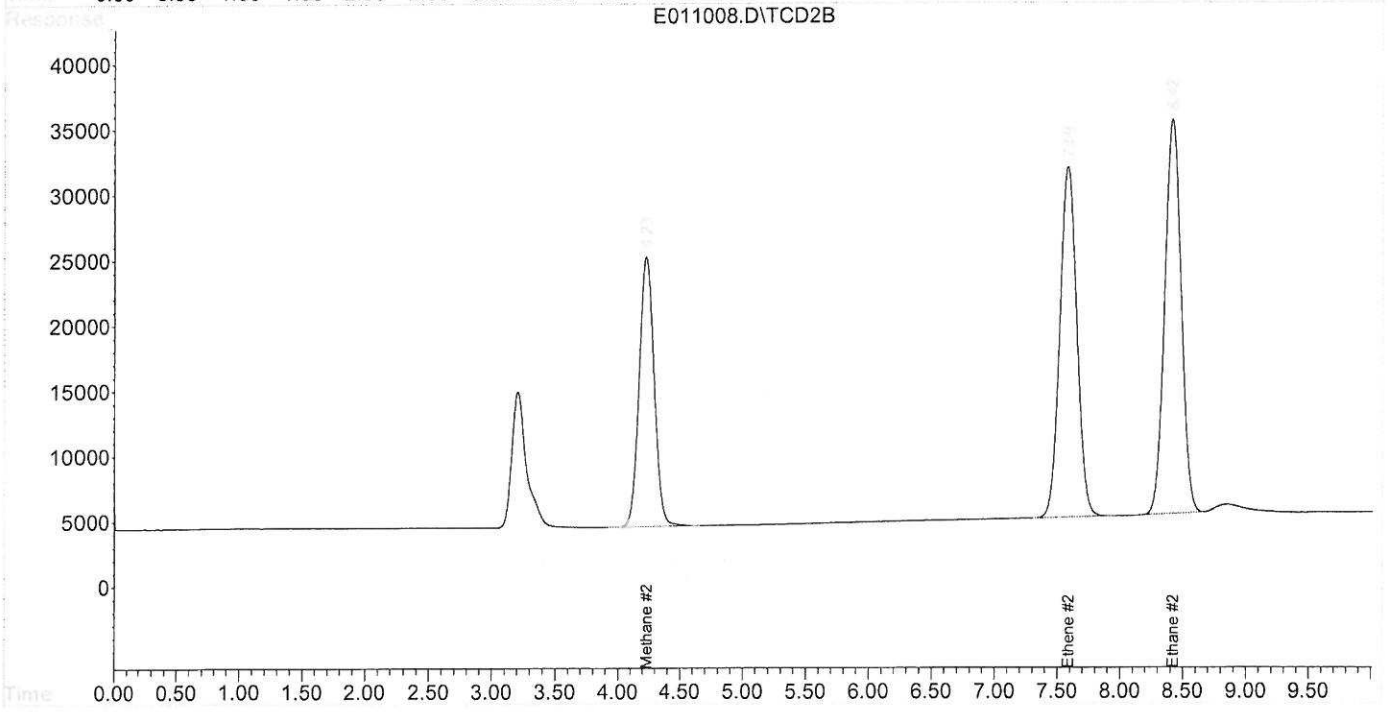
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\FID1A.CH Vial: 8
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011008.D\TCD2B.CH
Acq On : 10 Jan 2011 2:47 pm Operator: XC
Sample : 5000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:36 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:35:09 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.22	0	3529629	N.D.	10301.778
2)	Ethene	0.00	7.58	0	5125107	N.D.	10279.886m
3)	Ethane	0.00	8.41	0	5494471	N.D.	10223.928m

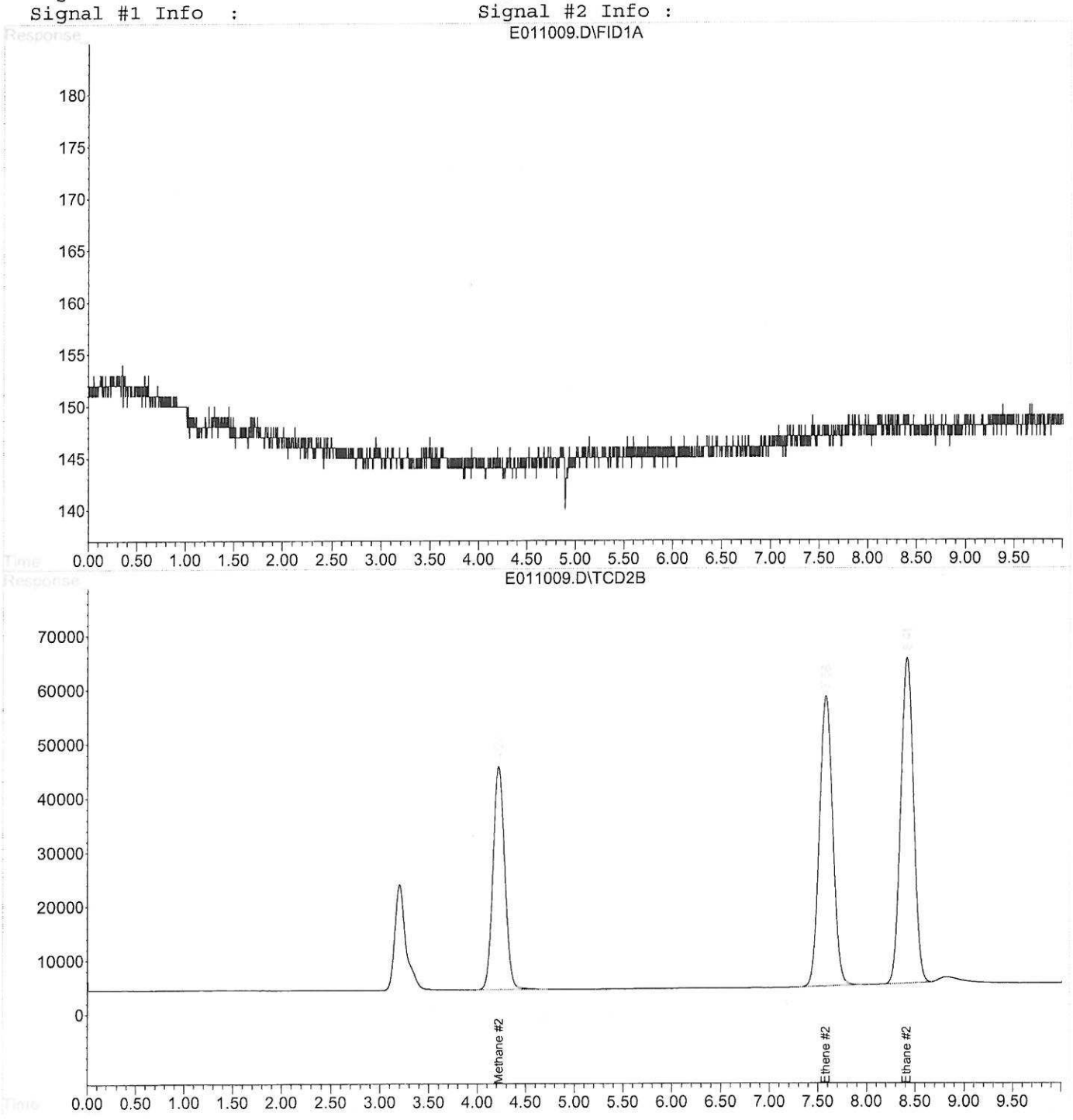
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\FID1A.CH Vial: 9
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011009.D\TCD2B.CH
Acq On : 10 Jan 2011 3:01 pm Operator: XC
Sample : 10000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:34 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Wed Jan 12 13:33:47 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Initial Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.00	4.20	0	7152655	N.D.	20876.151
2)	Ethene	0.00	7.56	0	10383161	N.D.	20825.744m
3)	Ethane	0.00	8.39	0	11146613	N.D.	20734.843m

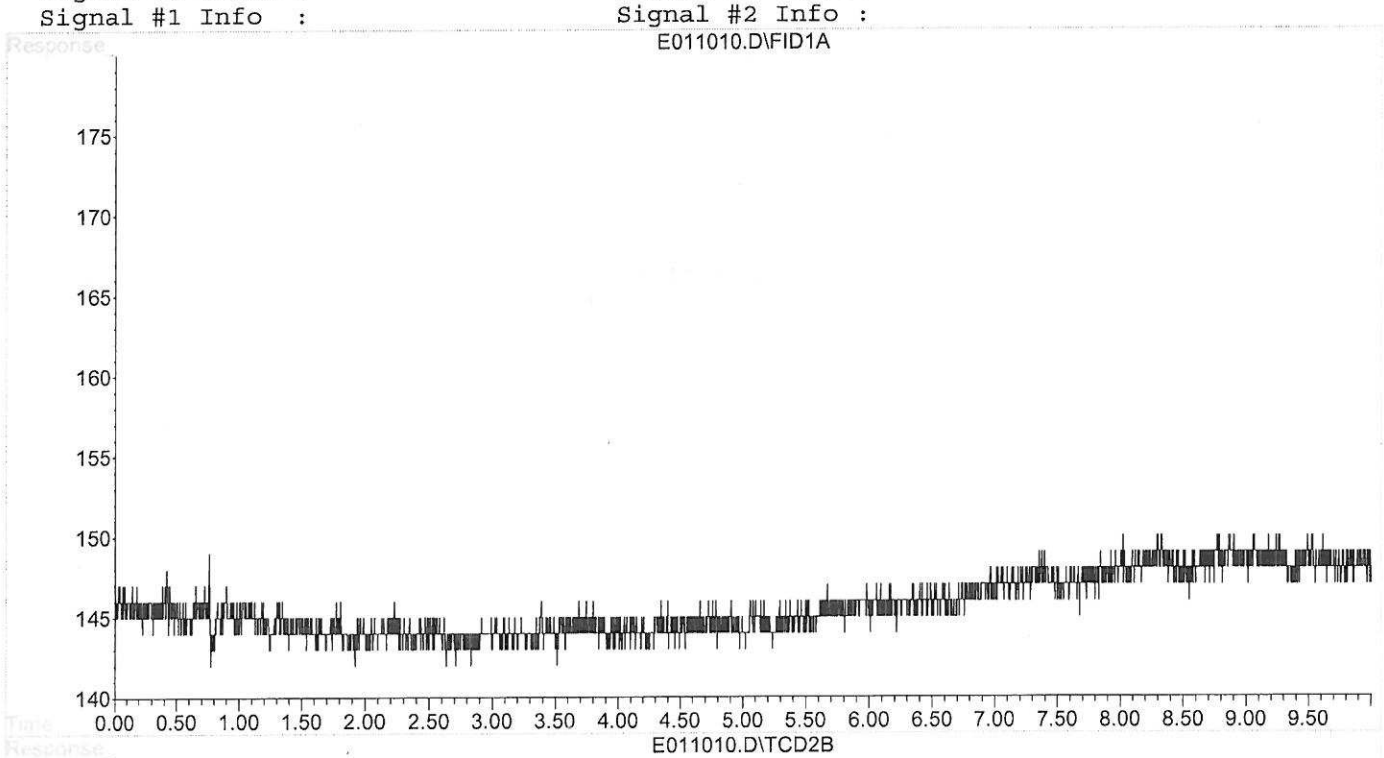
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

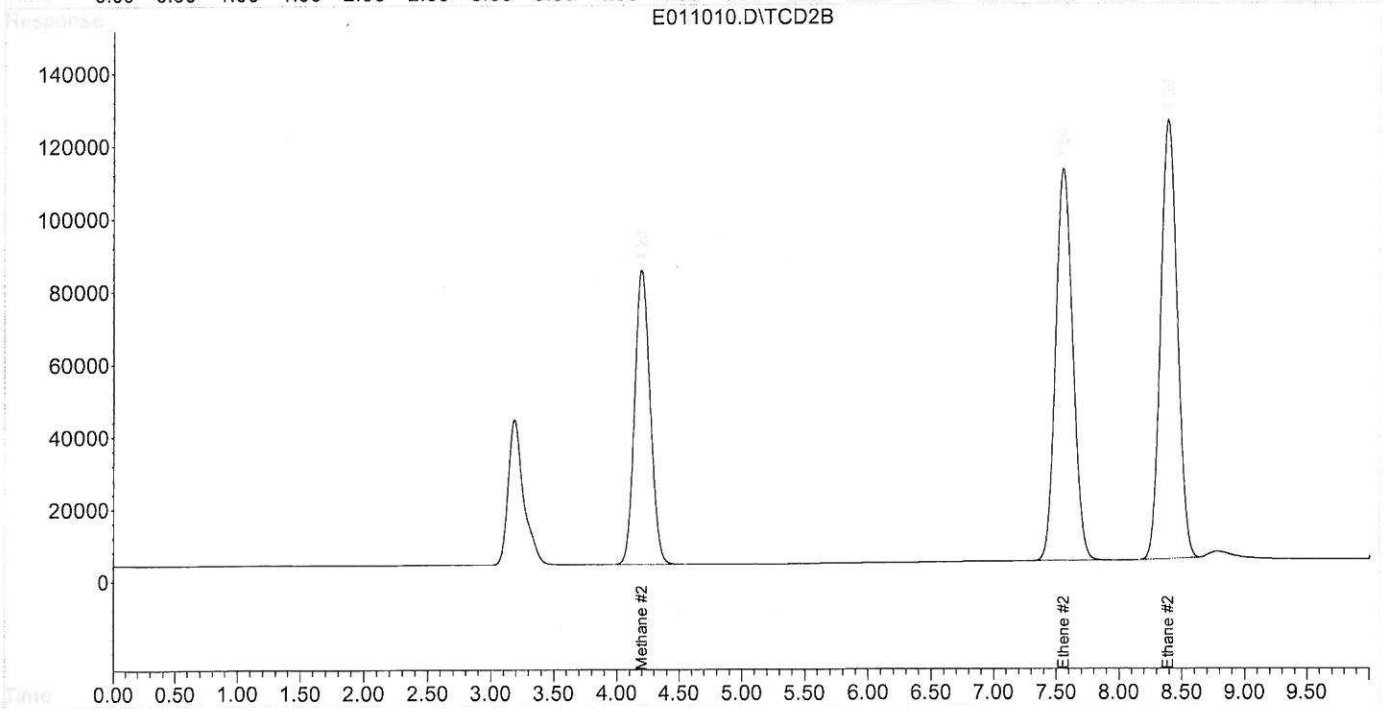
Quantitation Report (QT Reviewed)

Signal #1 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\FID1A.CH Vial: 10
Signal #2 : D:\HPCHEM\2\DATA\ARCHIVE\E011011A\E011010.D\TCD2B.CH
Acq On : 10 Jan 2011 3:17 pm Operator: XC
Sample : 20000 ppmv RSK 3 COMPONENT Inst : HP5890
Misc : Multiplr: 1.00
IntFile Signal #1: SIG10613.E IntFile Signal #2: SIG20613.M
Quant Time: Jan 12 14:33 2011 Quant Results File: RSK0110.RES

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M (Chemstation Integrator)
Title : VPHNEW
Last Update : Mon Jan 10 15:31:35 2011
Response via : Multiple Level Calibration
DataAcq Meth : RSK175.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032802.D	Calibration Date:	01/10/11 00:00
Sequence:	S001959	Injection Date:	03/28/12
Lab Sample ID:	S001959-CCV1	Injection Time:	11:27

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	2070	542.4865	560.516		3.3	
Ethene	A	2000	2130	496.3629	529.6465		6.7	
Methane	A	2000	2080	345.7778	359.675		4.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

211

Data File : R:\E032812\E032802.D Vial: 2
Acq On : 28 Mar 2012 11:27 am Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 16:17:22 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.175	0	719350	N.D.	2080.372
2)	Ethene	0.000	7.649	0	1059293	N.D.	2134.106
3)	Ethane	0.000	8.539	0	1121032	N.D.	2066.470m

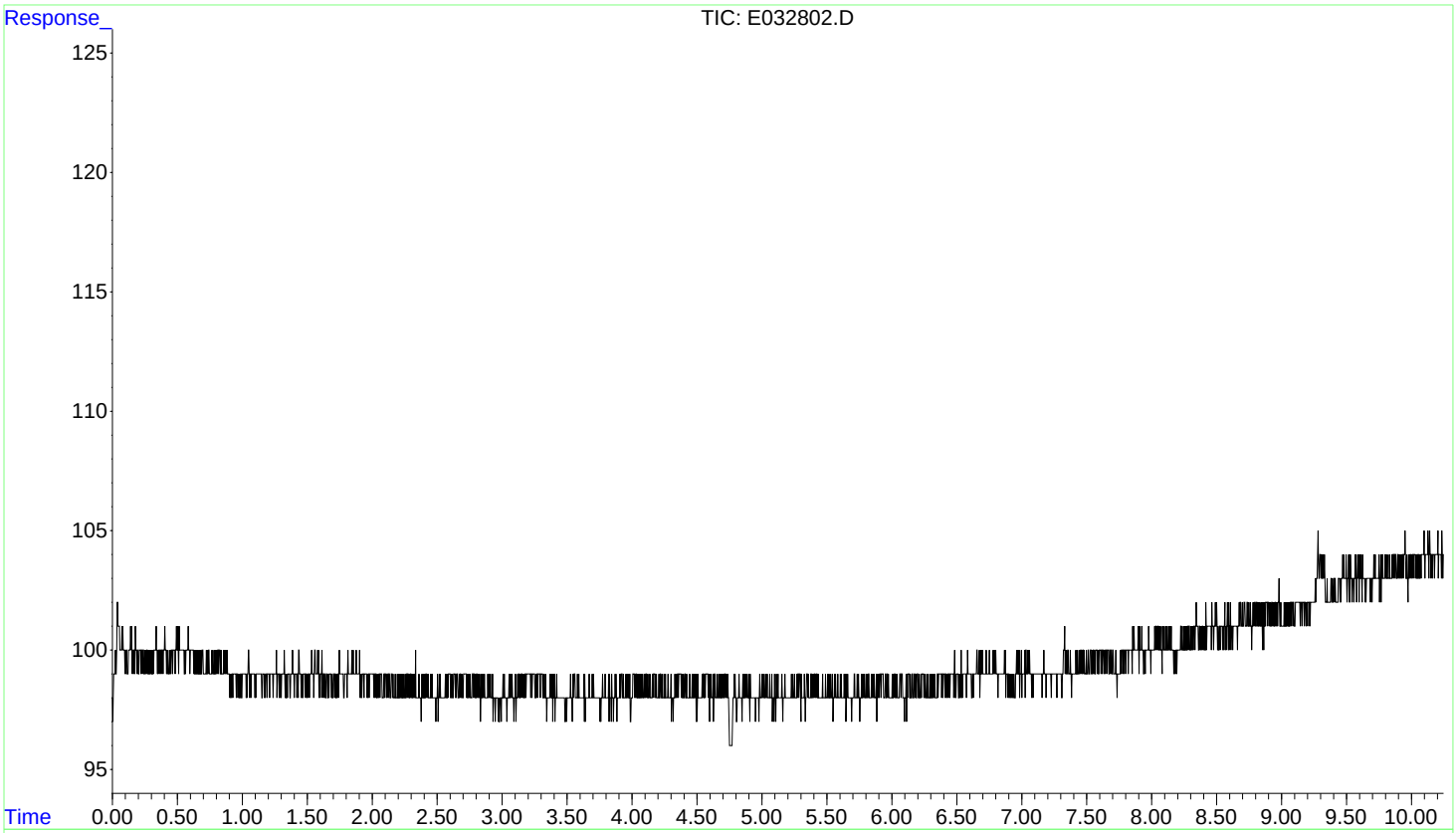
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

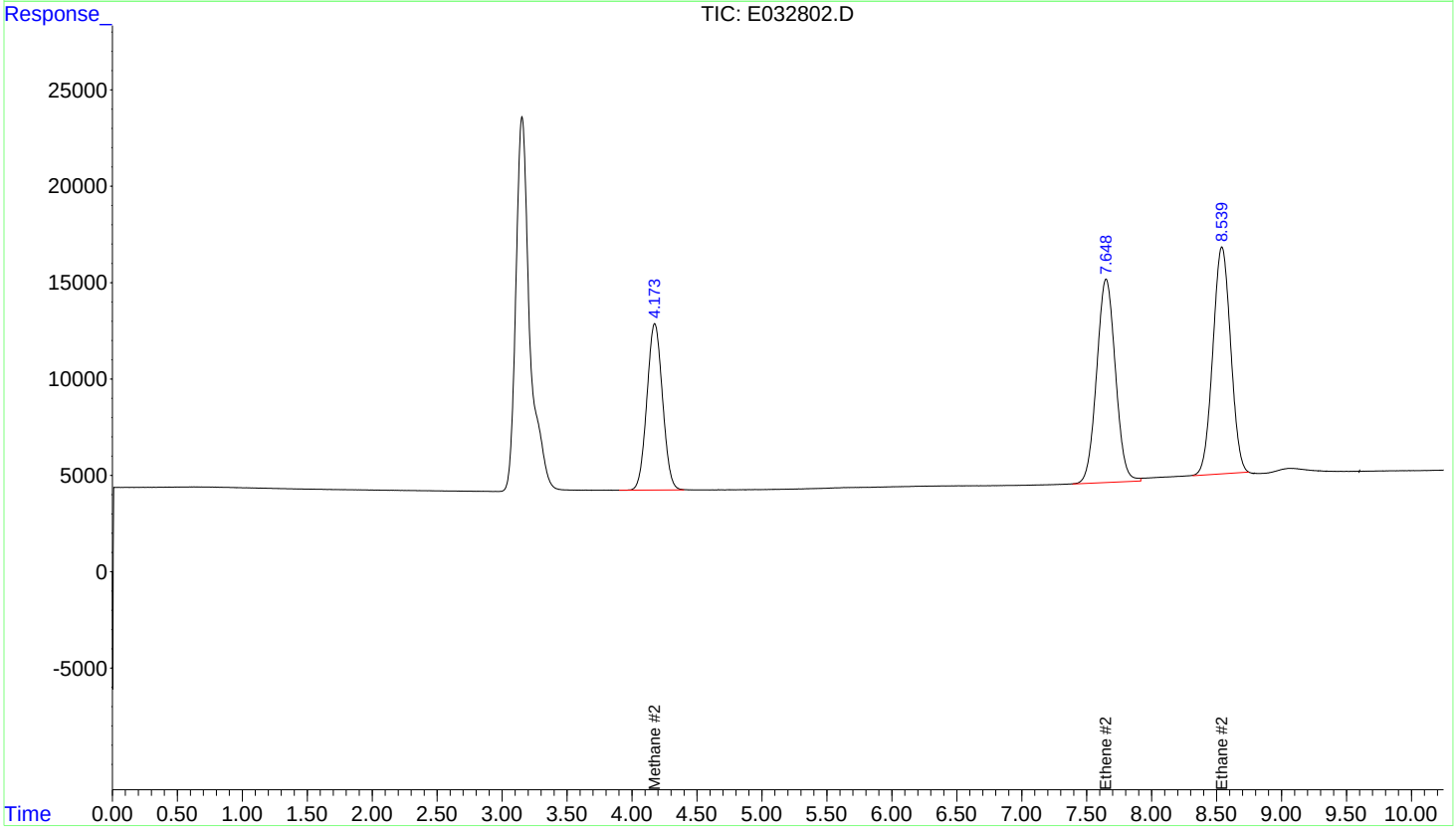
Quantitation Report (QT Reviewed)

Data File : R:\E032812\E032802.D
Acq On : 28 Mar 2012 11:27 am
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 16:17:22 2012

Vial: 2
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

3810/RSK175

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	SYSE	Calibration:	1100054
Lab File ID:	E032807.D	Calibration Date:	01/10/11 00:00
Sequence:	S001959	Injection Date:	03/28/12
Lab Sample ID:	S001959-CCV2	Injection Time:	12:56

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	2000	1960	542.4865	530.6125		-2.2	
Ethene	A	2000	1960	496.3629	486.394		-2.0	
Methane	A	2000	1960	345.7778	338.9205		-2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

214

Data File : R:\E032812\E032807.D Vial: 2
Acq On : 28 Mar 2012 12:56 pm Operator: WSD
Sample : 2000PPM RSK-175 STD Inst : HP5890
Misc : CTS-102 Multiplr: 1.00
Quant Time: Apr 13 16:17:47 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

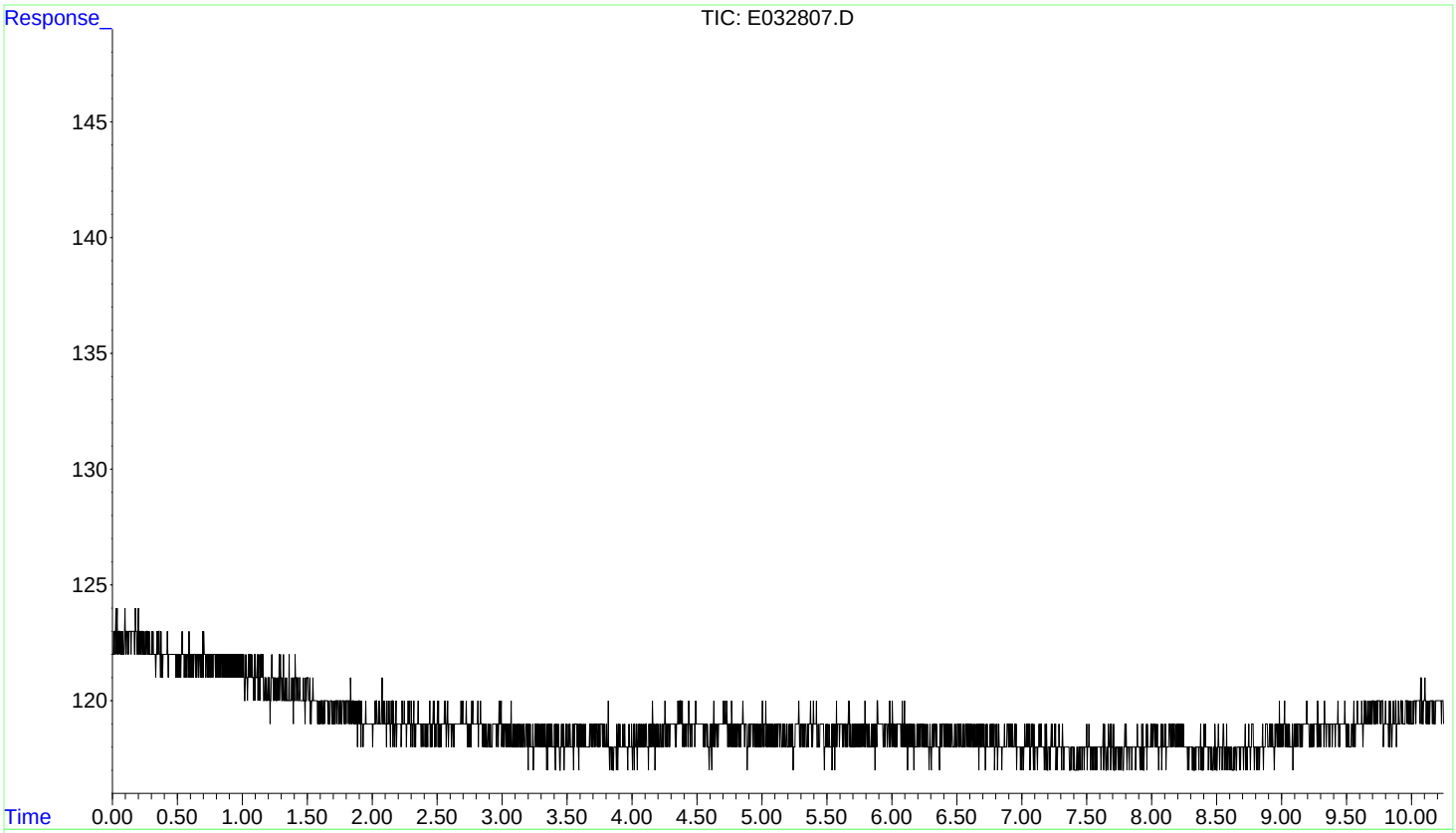
	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.183	0	677841	N.D.	1960.327
2)	Ethene	0.000	7.657	0	972788	N.D.	1959.827m
3)	Ethane	0.000	8.549	0	1061225	N.D.	1956.225m

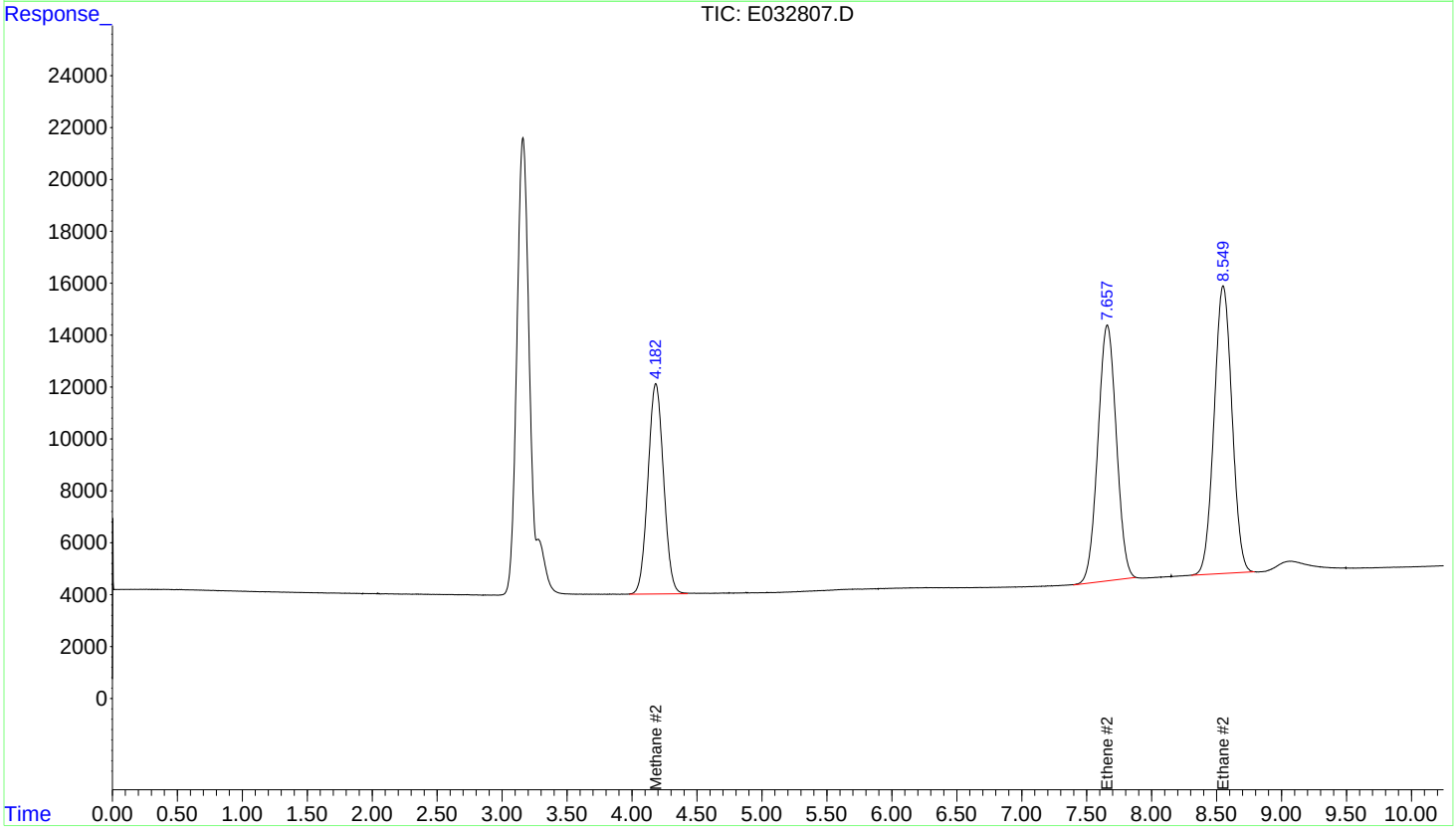
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032812\E032807.D
Acq On : 28 Mar 2012 12:56 pm
Sample : 2000PPM RSK-175 STD
Misc : CTS-102
Quant Time: Apr 13 16:17:47 2012

Vial: 2
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048725-BLK1	File ID:	E032804.D
Sampled:		Prepared:	03/28/12 11:27	Analyzed:	03/28/12 11:54
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048725	Sequence:	S001959	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.10	0.10	
74-85-1	Ethene		0.10	0.10	
74-82-8	Methane		0.010	0.010	

Quantitation Report (QT Reviewed)

Data File : R:\E032812\E032804.D Vial: 4
Acq On : 28 Mar 2012 11:54 am Operator: WSD
Sample : MBL 1x Inst : HP5890
Misc : 1,1,0.5,0.5,1x Multiplr: 1.00
Quant Time: Apr 13 16:17:38 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv

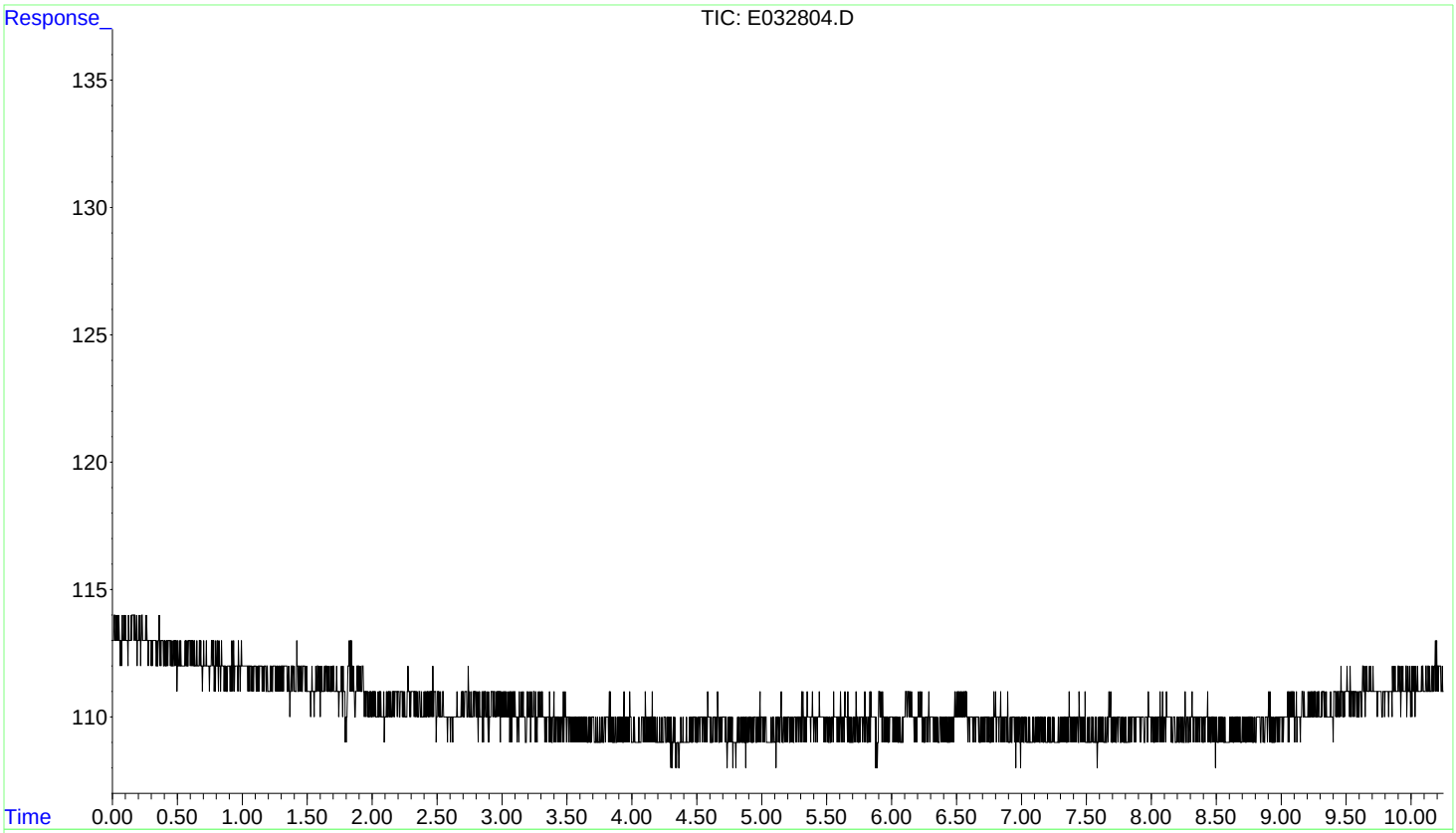
Target Compounds

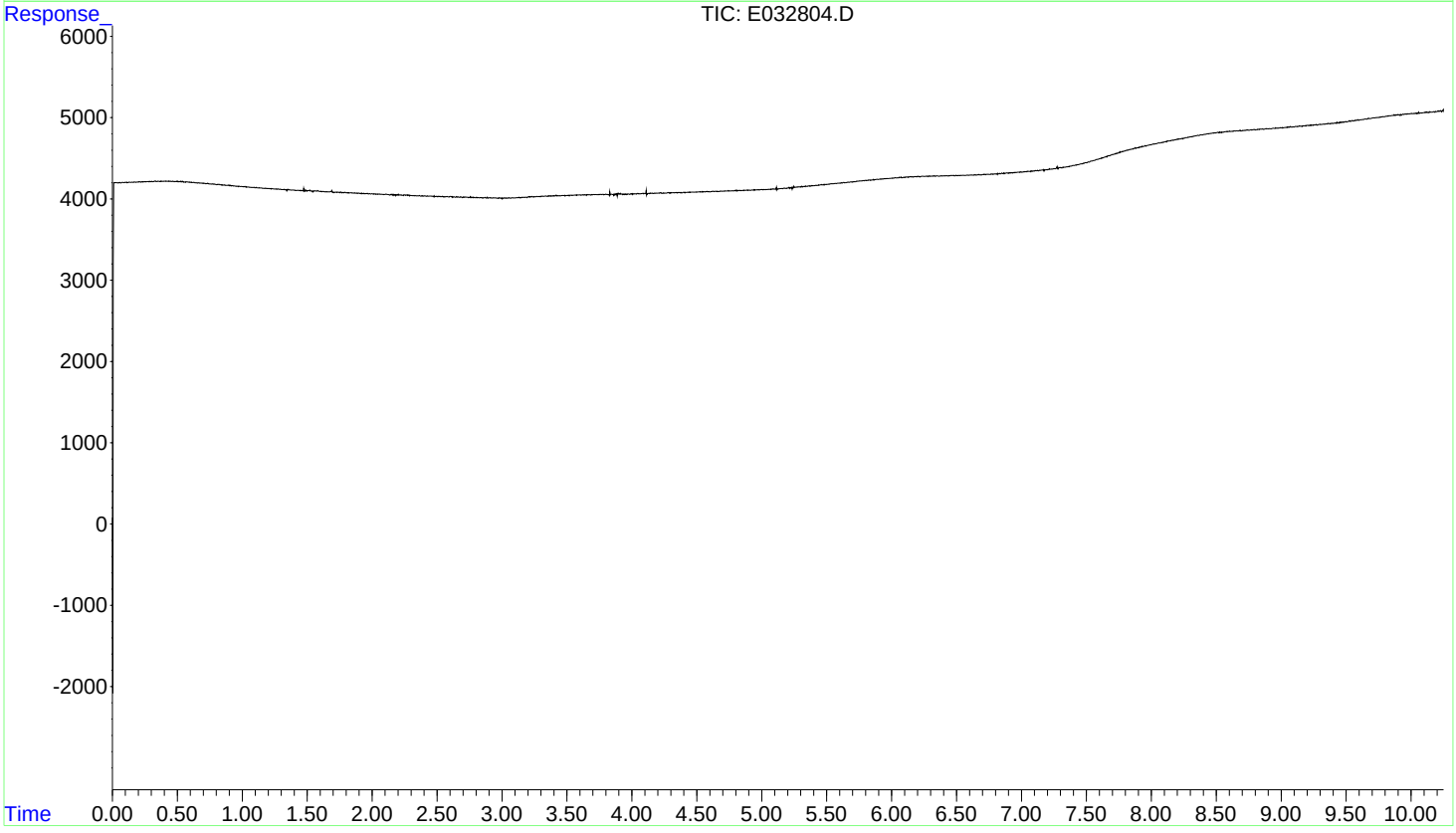
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File : R:\E032812\E032804.D
Acq On : 28 Mar 2012 11:54 am
Sample : MBL 1x
Misc : 1,1,0.5,0.5,1x
Quant Time: Apr 13 16:17:38 2012

Vial: 4
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment		Project:	EN.002699.0025.06 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B048725-BS1	File ID:	E032803.D
Sampled:		Prepared:	03/28/12 11:27	Analyzed:	03/28/12 11:40
Solids:		Preparation:	NO PREP	Dilution:	
Batch:	B048725	Sequence:	S001959	Calibration:	1100054
Instrument:	SYSE				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	2200			
74-85-1	Ethene	2200			
74-82-8	Methane	2200			

Quantitation Report (QT Reviewed)

221

Data File : R:\E032812\E032803.D Vial: 3
Acq On : 28 Mar 2012 11:40 am Operator: WSD
Sample : 2000PPM RSK-175 QC Inst : HP5890
Misc : CTS-103 Multiplr: 1.00
Quant Time: Apr 13 16:17:35 2012

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M

	Compound	RT#1	RT#2	Resp#1	Resp#2	ppmv	ppmv
	Target Compounds						
1)	Methane	0.000	4.176	0	743642	N.D.	2150.625
2)	Ethene	0.000	7.652	0	1068874	N.D.	2153.409
3)	Ethane	0.000	8.542	0	1170195	N.D.	2157.095m

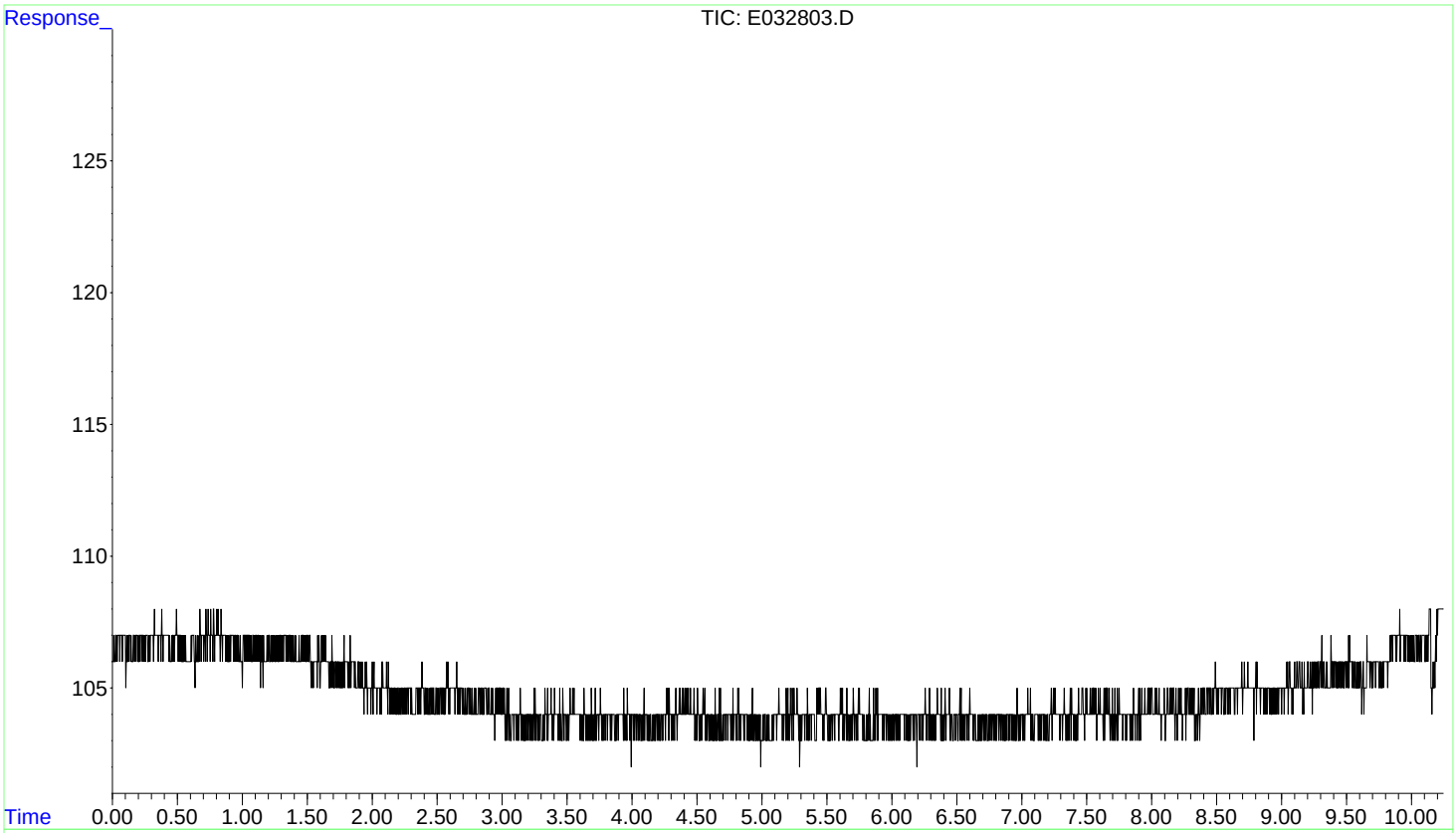
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

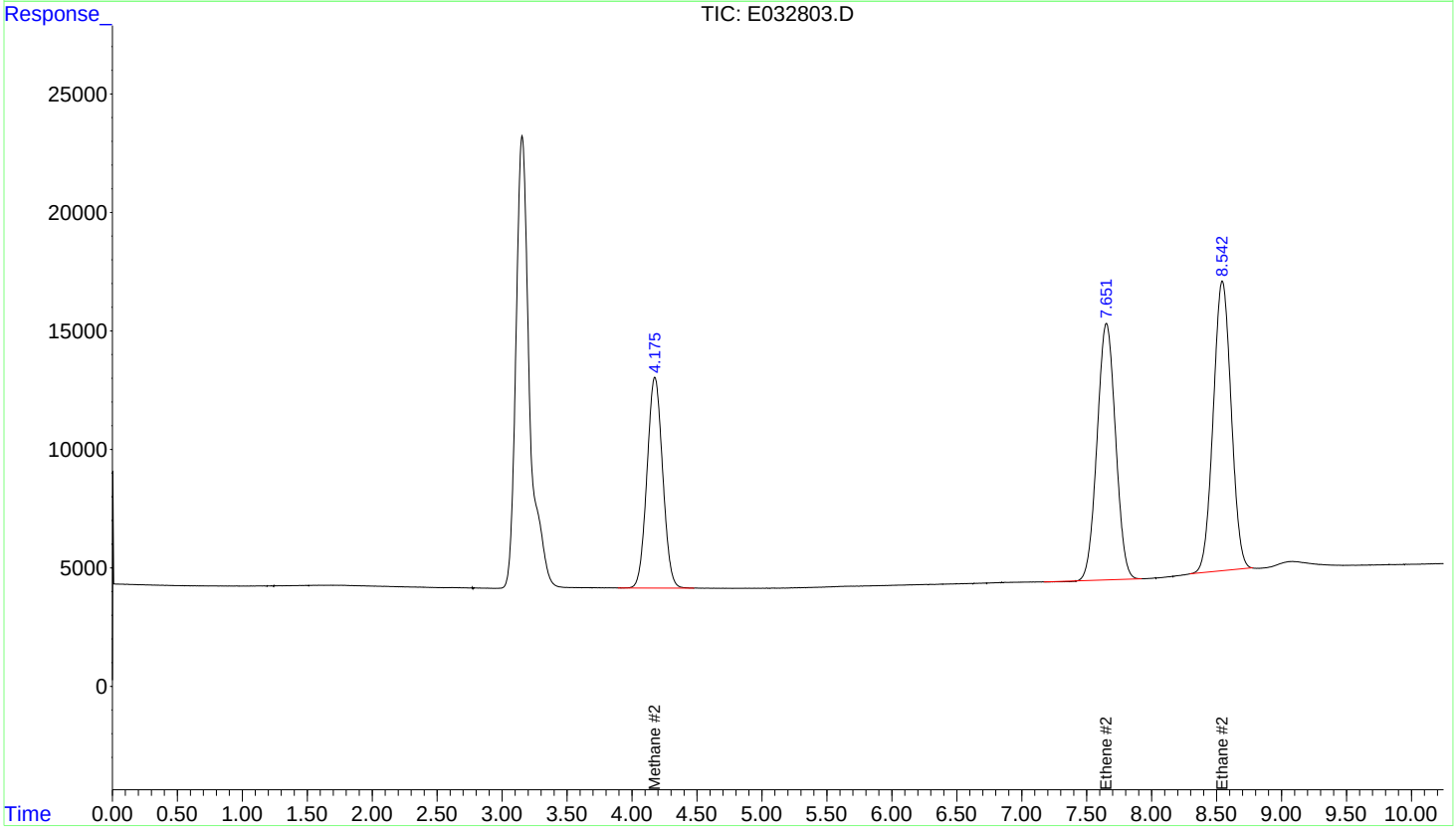
Quantitation Report (QT Reviewed)

Data File : R:\E032812\E032803.D
Acq On : 28 Mar 2012 11:40 am
Sample : 2000PPM RSK-175 QC
Misc : CTS-103
Quant Time: Apr 13 16:17:35 2012

Vial: 3
Operator: WSD
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\RSK0110.M
Quant Title : VPHNEW
QLast Update : Wed Jan 12 14:07:13 2011
Response via : Initial Calibration
DataAcq Meth:RSK175.M





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ICP

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1 - FORM I
ANALYSIS DATA SHEET
RB12321

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0705
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04
Sampled:	03/21/12 11:30		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-89-6	Iron		0.026	0.050	1	U	B048573	03/26/12 12:54	SW-846 6010C

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
		Sequence:	S002035

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S002035-ICV1	Iron	1.00	0.990	99.0	mg/L	+/- 10.00%
S002035-CCV1	Iron	5.00	4.99	99.8	mg/L	+/- 10.00%
S002035-CCV2	Iron	5.00	4.88	97.7	mg/L	+/- 10.00%
S002035-CCV3	Iron	5.00	4.85	97.0	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S002035		

Lab Sample ID	Analyte	Found	Units	RL	C
S002035-CCB1	Iron	0.0016	mg/L	0.050	U
B048573-BLK1	Iron	0.0060	mg/L	0.050	U
S002035-CCB2	Iron	-0.0033	mg/L	0.050	U
S002035-CCB3	Iron	-0.0036	mg/L	0.050	U

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	ICP1	Calibration:	UNASSIGNED
Sequence:	S002035		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S002035-IFA1	Iron	0.05	100	92.77	92.8	mg/L
S002035-IFB1	Iron	0.05	100	92.84	92.8	mg/L
S002035-IFA2	Iron	0.05	100	88.48	88.5	mg/L
S002035-IFB2	Iron	0.05	100	88.96	89.0	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 6010C
Batch:	B048573	Preparation:	SW-846 3005A
% Solids:		Laboratory ID:	B048573-MS1
Column:		Sample Lab ID:	12C0706-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Iron	0.500	ND	0.497	99.4	75 - 125

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DUPLICATES

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048573-DUP1
Batch:	B048573	Initial/Final:	50 mL / 50 mL
Preparation:	SW-846 3005A	Analysis:	SW-846 6010C

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Iron	ND	0.050 U			20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 3005A
Batch:	B048573	Laboratory ID:	B048573-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Iron	0.500	0.501	100	80 - 120

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Iron	0.500	0.501	100	0.0137	20	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0706
Client: Ecology & Environment
Matrix: Water
Instrument: ICP1

Analyte	MDL	MRL	Units	Method
Iron	0.026	0.050	mg/L	SW-846 6010C

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048573 Batch Matrix: Water	Preparation:	SW-846 3005A

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/26/12 08:00	50.00	50.00
Blank	B048573-BLK1	03/26/12 08:00	50.00	50.00
LCS	B048573-BS1	03/26/12 08:00	50.00	50.00
LCS Dup	B048573-BSD1	03/26/12 08:00	50.00	50.00
RB12321	B048573-DUP1	03/26/12 08:00	50.00	50.00
RB12321	B048573-MS1	03/26/12 08:00	50.00	50.00

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SAMPLE DATA

ANALYSIS SEQUENCE

S002035

Instrument: ICP1

Calibnration ID: UNASSIGNED

Printed: 4/9/2012 5:26:30PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S002035-ICV1	QC		1		1203197	1203187		
S002035-CCB1	QC		2		1203068	1203187		
S002035-LCV1	QC		3		1112206	1203187		
S002035-CCV1	QC		4		1203066	1203187		
S002035-IFA1	QC		5		1202133	1203187		
S002035-IFB1	QC		6		1202134	1203187		
B048573-BLK1	QC		7			1203187		
B048573-BS1	QC		8			1203187		
B048573-BSD1	QC		9			1203187		
12C0706-04	Iron 6010 Total	D	10			1203187	Ecology & Environment	
B048573-DUP1	QC		11			1203187		
S002035-CCV2	QC		12		1203066	1203187		
S002035-CCB2	QC		13		1203068	1203187		
B048573-MS1	QC		14			1203187		
S002035-CCV3	QC		15		1203066	1203187		
S002035-CCB3	QC		16		1203068	1203187		
S002035-IFA2	QC		17		1202133	1203187		
S002035-IFB2	QC		18		1202134	1203187		

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 03/26/12 08:00 B048573 **Printed: 3/26/2012 4:10:57PM**

Matrix: Water

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3005A

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B048573-BLK1	Blank	50	50		|	
B048573-BS1	LCS	50	50		250 |	
B048573-BSD1	LCS Dup	50	50		250 |	
B048573-DUP1	Duplicate [12C0706-04]	50	50		|	
B048573-MS1	Matrix Spike [12C0706-04]	50	50		250 |	
12C0706-04	RB12321	50	50	03/29/12	Ecology & Environment	

Fe

Standard(s):
1110211 QC Standard 26 metals 250 uL

Standard ID#	Description	Manufacture Lot#
1110022	Hydrochloric Acid 36.5-38%	RR1-231
1203048	Nitric Acid 69-70%	RR1-326

Sr. 2 @ 94.5C 3/26/12 SAJ

Eppen# 4035696

BOTTLED WATER
Shared w/ B048510 and 09

Spike Witness AMR Amr 3/26/12

SAJ 3/26/12
Prepared By Date

AMP 3/26/12
Preparation Reviewed By Date

OPTIMA 1
03/26/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		3/26/2012	10:23:51 AM	2856474	0			
Calib Blank 1	Fe		mg/L		3/26/2012	10:22:58 AM	56	3			
S1-17	Y		%		3/26/2012	10:27:20 AM	2805484	1			
S1-17	Fe		mg/L		3/26/2012	10:26:26 AM	7929	1			
SEQ-ICV	Y		%		3/26/2012	10:49:23 AM	2842384	2			
SEQ-ICV	Fe	0.9901	mg/L	99	3/26/2012	10:48:30 AM	785	2	0.9681	0.9998	1.0025
SEQ-ICB/CCB	Y		%		3/26/2012	11:01:45 AM	2884573	1			
SEQ-ICB/CCB	Fe	0.0016	mg/L		3/26/2012	11:00:52 AM	1	56	0.0013	0.0009	0.0025
6010C Low Level	Y		%		3/26/2012	11:20:24 AM	2886008	1			
6010C Low Level	Fe	0.0491	mg/L	98	3/26/2012	11:19:31 AM	39	7	0.0470	0.0472	0.0531
SEQ-CCV 17	Y		%		3/26/2012	11:29:34 AM	2940093	0			
SEQ-CCV 17	Fe	4.9923	mg/L	100	3/26/2012	11:28:39 AM	3959	1	5.0191	4.9372	5.0206
SEQ-IFA	Y		%		3/26/2012	11:49:15 AM	2692262	2			
SEQ-IFA	Fe	92.7709	mg/L	93	3/26/2012	11:48:02 AM	73561	1	92.0274	92.7697	93.5156
SEQ-IFB	Y		%		3/26/2012	12:00:15 PM	2529398	2			
SEQ-IFB	Fe	92.8447	mg/L	93	3/26/2012	11:59:20 AM	73619	0	92.5192	92.8525	93.1624
B048573-BLK1	Y		%		3/26/2012	12:15:58 PM	2965810	2			
B048573-BLK1	Fe	0.0060	mg/L		3/26/2012	12:15:05 PM	5	31	0.0081	0.0047	0.0051
B048573-BS1	Y		%		3/26/2012	12:20:21 PM	2934401	0			
B048573-BS1	Fe	0.5009	mg/L		3/26/2012	12:19:28 PM	397	3	0.4869	0.5168	0.4990
B048573-BSD1	Y		%		3/26/2012	12:25:44 PM	2910480	1			
B048573-BSD1	Fe	0.5010	mg/L		3/26/2012	12:24:51 PM	397	1	0.5040	0.5032	0.4957
12C0519-01 R	Y		%		3/26/2012	12:42:04 PM	2647239	2			
12C0519-01 R	Fe	9.7378	mg/L		3/26/2012	12:41:10 PM	7721	1	9.7131	9.8304	9.6699
12C0566-01	Y		%		3/26/2012	12:47:34 PM	2727848	1			
12C0566-01	Fe	1.2189	mg/L		3/26/2012	12:46:41 PM	967	2	1.2221	1.2410	1.1938
12C0698-03	Y		%		3/26/2012	12:51:59 PM	2752088	3			
12C0698-03	Fe	4.2271	mg/L		3/26/2012	12:51:06 PM	3352	8	4.5847	3.9451	4.1515
12C0706-04	Y		%		3/26/2012	12:57:23 PM	2906627	0			
12C0706-04	Fe	0.0121	mg/L		3/26/2012	12:56:30 PM	10	21	0.0132	0.0093	0.0140
B048573-DUP1	Y		%		3/26/2012	1:01:48 PM	2955367	2			
B048573-DUP1	Fe	0.0035	mg/L		3/26/2012	1:00:55 PM	3	93	0.0057	-0.0002	0.0049
SEQ-CCV 17	Y		%		3/26/2012	1:06:17 PM	2988973	1			
SEQ-CCV 17	Fe	4.8842	mg/L	98	3/26/2012	1:05:22 PM	3873	1	4.9418	4.8639	4.8470
SEQ-ICB/CCB	Y		%		3/26/2012	1:25:51 PM	3034312	1			
SEQ-ICB/CCB	Fe	-0.0033	mg/L		3/26/2012	1:24:58 PM	-3	17	-0.0031	-0.0040	-0.0030
B048573-MS1	Y		%		3/26/2012	1:30:15 PM	2965933	1			
B048573-MS1	Fe	0.4970	mg/L		3/26/2012	1:29:22 PM	394	3	0.4974	0.5103	0.4832
SEQ-CCV 17	Y		%		3/26/2012	2:25:00 PM	2998264	1			
SEQ-CCV 17	Fe	4.8478	mg/L	97	3/26/2012	2:24:05 PM	3844	2	4.7737	4.9334	4.8365
SEQ-ICB/CCB	Y		%		3/26/2012	2:44:07 PM	3049294	1			
SEQ-ICB/CCB	Fe	-0.0036	mg/L		3/26/2012	2:43:14 PM	-3	110	-0.0030	0.0001	-0.0078
SEQ-IFA	Y		%		3/26/2012	5:48:18 PM	2823187	1			
SEQ-IFA	Fe	88.4814	mg/L	88	3/26/2012	5:47:05 PM	70159	2	86.7499	88.9736	89.7208
SEQ-IFB	Y		%		3/26/2012	5:52:50 PM	2758339	2			
SEQ-IFB	Fe	88.9557	mg/L	89	3/26/2012	5:51:55 PM	70535	1	88.6986	88.6083	89.5603

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET
RB12321

Laboratory:	Con-Test Analytical Laboratory	SDG:	12C0705
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	12C0706-04
Sampled:	03/21/12 11:30		
% Solids:	0.00		

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Batch	Analyzed	Method
NA	Ferrous Iron		0.033	0.20	1	U	B048753	03/28/12 09:15	SM18-20 3500 Fe D
14797-55-8	Nitrate as N		0.036	0.050	1	U	B048649	03/27/12 09:51	SM 18-20 4500 NO3
14797-65-0	Nitrite as N		0.0060	0.010	1	U	B048420	03/22/12 11:30	SM 18-20 4500 NO2
PHOSPHATE	Orthophosphate as P		0.030	0.050	1	U	B048421	03/22/12 11:30	SM 18-20 4500 P E
14808-79-8	Sulfate		2.0	2.0	1	U	B048829	03/29/12 14:30	ASTM D516-90, 02
NA	Total Organic Carbon		0.57	1.0	1	U	B048716	03/27/12 11:01	SM 5310B

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INITIAL AND CONTINUING CALIBRATION CHECK

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B048420-CCV1	Nitrite as N	0.100	0.0980	98.0	mg/L	+/- %

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INITIAL AND CONTINUING CALIBRATION CHECK

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B048421-CCV1	Orthophosphate as P	0.300	0.321	107	mg/L	+/- %

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM 18-20 4500 NO3 F
Batch:	B048649	Preparation:	SM 4500 NO3-F
% Solids:		Laboratory ID:	B048649-MS1
Column:		Sample Lab ID:	12C0706-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Nitrate as N	3.98	ND	4.6	114	60.8 - 138

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	SM18-20 3500 Fe D
Batch:	B048753	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048753-MS1
Column:		Sample Lab ID:	12C0706-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Ferrous Iron	0.800	ND	0.80	100	85 - 115

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Analysis:	ASTM D516-90, 02
Batch:	B048829	Preparation:	NO PREP
% Solids:		Laboratory ID:	B048829-MS2
Column:		Sample Lab ID:	12C0706-04

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Sulfate	20.0	ND	20	100	54.4 - 133

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DUPLICATES

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048649-DUP1
Batch:	B048649	Initial/Final:	25 mL / 25 mL
Preparation:	SM 4500 NO3-F	Analysis:	SM 18-20 4500 NO3 F

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Nitrate as N	ND	0.050 U			22.3

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DUPLICATES

RB12321

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	B048753-DUP1
Batch:	B048753	Initial/Final:	50 mL / 50 mL
Preparation:	NO PREP	Analysis:	SM18-20 3500 Fe D

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Ferrous Iron	ND	0.20 U			20

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048420	Laboratory ID:	B048420-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrite as N	0.100	0.098	98.4	90.9 - 113

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrite as N	0.100	0.099	99.1	0.712	6.88	90.9 - 113

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048421	Laboratory ID:	B048421-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Orthophosphate as P	0.420	0.42	101	87.4 - 119

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Orthophosphate as P	0.420	0.44	104	2.97	11.2	87.4 - 119

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	SM 4500 NO3-F
Batch:	B048649	Laboratory ID:	B048649-BS1
Column:		Initial/Final:	25 mL / 25 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Nitrate as N	3.71	3.8	103	94.7 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nitrate as N	3.71	3.9	106	2.58	3.36	94.7 - 112

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048716	Laboratory ID:	B048716-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Total Organic Carbon	10.0	9.46	94.6	88.3 - 112

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Total Organic Carbon	10.0	9.71	97.1	2.55	6.58	88.3 - 112

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048753	Laboratory ID:	B048753-BS1
Column:		Initial/Final:	50 mL / 50 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ferrous Iron	0.800	0.78	96.9	85 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Ferrous Iron	0.800	0.76	94.5	2.58	20	85 - 115

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Matrix:	Water	Preparation:	NO PREP
Batch:	B048829	Laboratory ID:	B048829-BS1
Column:		Initial/Final:	100 mL / 100 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Sulfate	20.0	20	99.0	81.5 - 115

ANALYTE	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Sulfate	20.0	20	102	2.54	10.6	81.5 - 115

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12C0706
Client: Ecology & Environment
Matrix: Water
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Sulfate	2.0	2.0	mg/L	ASTM D516-90, 02
Nitrite as N	0.0060	0.010	mg/L	M 18-20 4500 NO2
Nitrate as N	0.036	0.050	mg/L	M 18-20 4500 NO3
Orthophosphate as P	0.030	0.050	mg/L	SM 18-20 4500 P E
Total Organic Carbon	0.85	1.0	mg/L	SM 5310B
Ferrous Iron	0.033	0.20	mg/L	SM18-20 3500 Fe D

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 18-20 4500 NO2 B

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048420	Batch Matrix:	Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/22/12 11:30	50.00	50.00
Blank	B048420-BLK1	03/22/12 11:30	50.00	50.00
LCS	B048420-BS1	03/22/12 11:30	50.00	50.00
LCS Dup	B048420-BSD1	03/22/12 11:30	50.00	50.00
Calibration Check	B048420-CCV1	03/22/12 11:30	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 18-20 4500 P E

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048421 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/22/12 11:30	50.00	50.00
Blank	B048421-BLK1	03/22/12 11:30	50.00	50.00
LCS	B048421-BS1	03/22/12 11:30	50.00	50.00
LCS Dup	B048421-BSD1	03/22/12 11:30	50.00	50.00
Calibration Check	B048421-CCV1	03/22/12 11:30	50.00	50.00

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PREPARATION BATCH SUMMARY

SM 18-20 4500 NO3 F

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048649 Batch Matrix: Water	Preparation:	SM 4500 NO3-F

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/27/12 09:51	25.00	25.00
Blank	B048649-BLK1	03/27/12 09:51	25.00	25.00
LCS	B048649-BS1	03/27/12 09:51	25.00	25.00
LCS Dup	B048649-BSD1	03/27/12 09:51	25.00	25.00
RB12321	B048649-DUP1	03/27/12 09:51	25.00	25.00
RB12321	B048649-MS1	03/27/12 09:51	25.00	25.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 5310B

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048716	Batch Matrix:	Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/27/12 11:01	50.00	50.00
Blank	B048716-BLK1	03/27/12 11:01	50.00	50.00
LCS	B048716-BS1	03/27/12 11:01	50.00	50.00
LCS Dup	B048716-BSD1	03/27/12 11:01	50.00	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM18-20 3500 Fe D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12C0706
Client:	Ecology & Environment			Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048753	Batch Matrix:	Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/28/12 09:15	50.00	50.00
Blank	B048753-BLK1	03/28/12 09:15	50.00	50.00
LCS	B048753-BS1	03/28/12 09:15	50.00	50.00
LCS Dup	B048753-BSD1	03/28/12 09:15	50.00	50.00
RB12321	B048753-DUP1	03/28/12 09:15	50.00	50.00
RB12321	B048753-MS1	03/28/12 09:15	50.00	50.00

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PREPARATION BATCH SUMMARY

ASTM D516-90, 02

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12C0706
Client:	Ecology & Environment	Project:	EN.002699.0025.06 - Farmingdale, NY
Batch:	B048829 Batch Matrix: Water	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
RB12321	12C0706-04	03/29/12 14:30	100.00	100.00
Blank	B048829-BLK1	03/29/12 14:30	100.00	100.00
LCS	B048829-BS1	03/29/12 14:30	100.00	100.00
LCS Dup	B048829-BSD1	03/29/12 14:30	100.00	100.00
RB12321	B048829-MS2	03/29/12 14:30	100.00	100.00

PREPARATION BENCH SHEET

B048753

Con-Test Analytical Laboratory

'rinted: 3/28/2012 5:13:37PM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** dib ab mg/l **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0706-04	Ferrous Iron by SM350	03/28/12 09:15	50	50			1X	.001	Ecology & Environment	∅
12C0719-01	Ferrous Iron by SM350	03/28/12 09:15	50	50			1X	.068		.440
12C0719-04	Ferrous Iron by SM350	03/28/12 09:15	50	50			25X	.062		400)(25) = 10
12C0719-06	Ferrous Iron by SM350	03/28/12 09:15	50	50			25000	000		< 5000
B048753-BLK1	QC	03/28/12 09:15	50	50			1X	.001		∅
B048753-BS1	QC	03/28/12 09:15	50	50	1203158		1X 200	.119	TV= 0.8	.776 = 97%
B048753-BSD1	QC	03/28/12 09:15	50	50	1203158		1X 200	.116	1	.756 = 94.5%
B048753-DUP1	QC	03/28/12 09:15	50	50		12C0706-04	1X	000		∅
B048753-MS1	QC	03/28/12 09:15	50	50	1203157	12C0706-04	1X 200	.123	TV=0.8	.802 = 100.2%

CCV/ICV = .125 = .815/8 = 101.9%

Reagent #2

Buffer WC36-166

Color WC 35-274

" WC36-233

Eppendorf 3430997

MDL-1 .031 = .196/2 = 98%

MDL-2 .032 = .202/2 = 101%

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped DAILY

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Surfactant Method #: SM5540C Date/Analyst: 3-29-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	10mg/l	50ml	0	mg/l	.020	std 6.						
std 2.	1.0			0.2		.035	std 7.						
std 3.	5.0			1.0		.175	std 8.						
std 4.	10.0			2.0		.356	std 9.						
std 5.	15.0			3.0		.494	std 10.						
Intermediate: 20.0				4.0		.675	Intermediate:						

Stock ID#: RR2-403
Concentration: 1000mg/l
Wavelength: 652 nm. Path Length: 1cm
Correlation Coefficient: 0.999358624
Expiration: 1-13-14
Diluent: DI
Corresponding Analysis Page: Binder

Stock Prep (Louis. Suppliers): on Bench sheet

Comments:

prepped DAILY

Analysis: Ferrous Iron Method #: SM3500FeD Date/Analyst: 3-28-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	200mg/l	50ml	0.0	mg/l	.001	std 6.						
std 2.	.05			0.2		.031	std 7.						
std 3.	.10			0.4		.062	std 8.						
std 4.	.20			0.8		.125	std 9.						
std 5.	.30			1.2		.182	std 10.						
Intermediate:							Intermediate:						

Stock ID#: WC36-164
Concentration: 200mg/l
Wavelength: 510 nm. Path Length: 1cm
Correlation Coefficient: 0.9998187
Expiration: 3-13-13
Diluent: DI
Corresponding Analysis Page: Binder

Stock Prep (Louis. Suppliers):

Comments:

261

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	SBP	**Prep Date/Time:**	3/28/12 9:15
		Analysis Date/Time:	3/28/12 9:15
Analyte:	Ferrous Iron	**Units:**	mg/L
Method:	SM 3500 FE D		

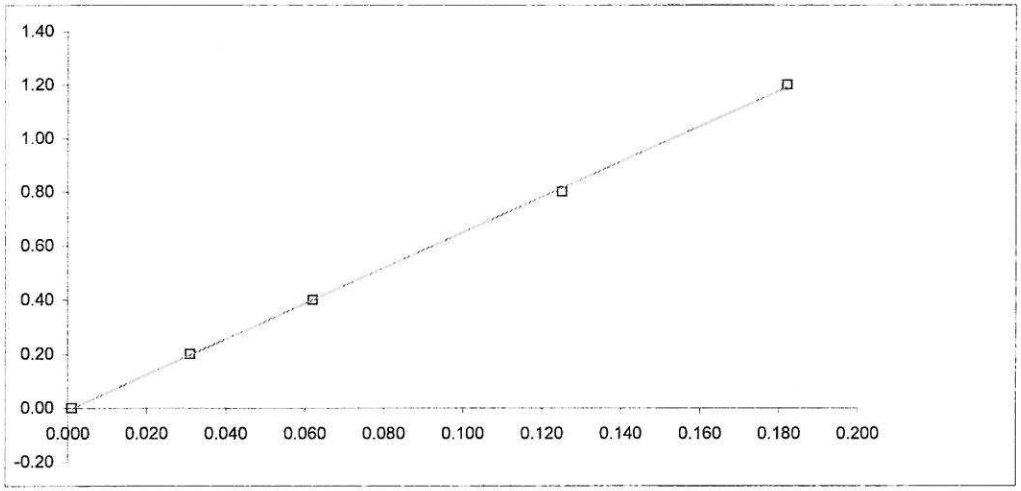
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	-0.002
0.031		0.20	0.196
0.062		0.40	0.400
0.125		0.80	0.815
0.182		1.20	

Batch ID: B048753

LINEAR EQUATION

y=a+bx

a=	0.0012586
b=	0.1518103
r=	0.9998187



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0706-04	RB12321	Sample	0.001	3/28/12 9:15		50		1		1	-0.001703577	-0.001703577
	12C0719-01	GEC-3	Sample	0.068	3/28/12 9:15		50		1		1	0.439636588	0.439636588
	12C0719-04	GEC-8	Sample	0.062	3/28/12 9:15		50		25		25	0.400113553	10.00283909
	12C0719-06	GEC-10	Sample	0.000	3/28/12 9:15		50		25000		25000	-0.008290743	-207.2685852
	B048753-BLK1	-	Blank	0.001	3/28/12 9:15		50		1		1	-0.001703577	-0.001703577
	B048753-BS1	-	LCS	0.119	3/28/12 9:15		50		1		1	0.775582075	0.775582075
	B048753-BSD1	-	LCS Dup	0.116	3/28/12 9:15		50		1		1	0.755820513	0.755820513
	B048753-DUP1	12C0706-04	Duplicate	0.000	3/28/12 9:15		50		1		1	-0.008290743	-0.008290743
	B048753-MS1	12C0706-04	Matrix Spike	0.123	3/28/12 9:15		50		1		1	0.801930726	0.801930726

0

Final Conc. mg/kg
0
0
0
0
0
0
0
0
0

PREPARATION BENCH SHEET

B048420

Con-Test Analytical Laboratory

rinted: 3/23/2012 7:04:49AM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0706-04	Nitrite-Nitrogen (NO2)	03/22/12 11:30	50	50				1x	Ecology & Environment	.004
B048420-BLK1	QC	03/22/12 11:30	50	50						.004
B048420-BS1	QC	03/22/12 11:30	50	50	1202153		500		IV=0.10mg/L	.284 99%
B048420-BSD1	QC	03/22/12 11:30	50	50	1202153		500			.286 98%
B048420-CCV1	QC ICV	03/22/12 11:30	50	50	1109161		500			.283 99%

genesys #3 spec

epp # 3431147

4497797

Color (wc36-203)

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Nitrite Method #: SM 4500 NO2 B Date/Analyst: 3-27-12 SBP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	0	50 ml	0	mg/L	.003	std 6.						
std 2.	.05	10 mg/L		.01		.031	std 7.						
std 3.	.15			.03		.90	std 8.						
std 4.	.500			.10		.293	std 9.						
std 5.	.900			.18		.526	std 10.						
Intermediate: 10 ml stock (WC 34-324) + 100 ml (Vol) WDI							Intermediate:						

Stock ID#: WC 34-324

Concentration: 100 mg/L

Wavelength: 543 nm.

Path Length: 1cm

Correlation Coefficient: 0.999998093

Expiration: 9-21-12

Diluent: DI

Corresponding Analysis Page:

Stock Prep (Louis. Suppliers):

Comments:

Analysis: Method #: Date/Analyst:

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#:

Concentration:

Wavelength: nm.

Path Length:

Correlation Coefficient:

Expiration:

Diluent:

Corresponding Analysis Page:

Stock Prep (Louis. Suppliers):

Comments:

267

Import Spec. - WC_Water

Initial Calibration Date:		**Test Code:**	
Analyst:	VAK	**Prep Date/Time:**	3/22/12 11:30
		Analysis Date/Time:	3/22/12 11:30
Analyte:	Nitrite as N	**Units:**	mg/L
Method:	SM4500NO2B		

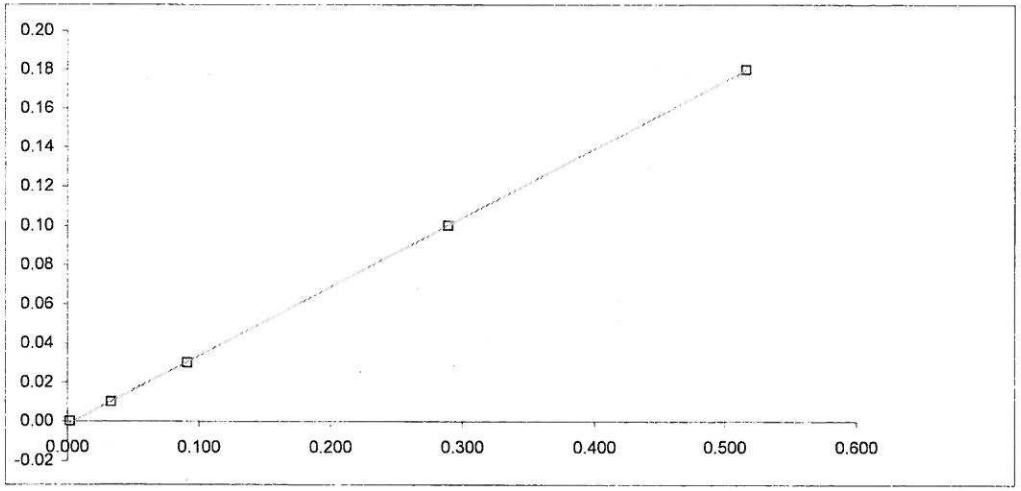
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.002		0.00	-0.001
0.033		0.01	0.010
0.091		0.03	0.031
0.289		0.10	0.100
0.516		0.18	

Batch ID: B048420

LINEAR EQUATION

y=a+bx

a=	0.0039843
b=	2.8471204
r=	0.9999809



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

A	B	C	D	E	F	G	H	I	J	K	L	M	N
#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0706-04	RB12321	Sample	0.004	3/22/12 11:30		50		1		1	5.51688E-06	5.51688E-06
	B048420-BLK1	-	Blank	0.004	3/22/12 11:30		50		1		1	5.51688E-06	5.51688E-06
	B048420-BS1	-	LCS	0.284	3/22/12 11:30		50		1		1	0.098350495	0.098350495
	B048420-BSD1	-	LCS Dup	0.286	3/22/12 11:30		50		1		1	0.099052958	0.099052958
	B048420-CCV1	-	Calibration Check	0.283	3/22/12 11:30		50		1		1	0.09799926	0.09799926

0

Final Conc. mg/kg
0
0
0
0
0

PREPARATION BENCH SHEET

B048716

Con-Test Analytical Laboratory

rinted: 3/28/2012 12:51:43PM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0656-03	Total Organic Carbon	03/27/12 11:01	50	50						
12C0684-36	Total Organic Carbon	03/27/12 11:01	50	50						
12C0684-43	Total Organic Carbon	03/27/12 11:01	50	50						
12C0706-04	Total Organic Carbon	03/27/12 11:01	50	50					Ecology & Environment	
12C0719-01	Total Organic Carbon	03/27/12 11:01	50	50						
12C0719-04	Total Organic Carbon	03/27/12 11:01	50	50						
12C0719-06	Total Organic Carbon	03/27/12 11:01	50	50						
B048716-BLK1	QC	03/27/12 11:01	50	50						
B048716-BS1	QC	03/27/12 11:01	50	50	1203299		5000			
B048716-BSD1	QC	03/27/12 11:01	50	50	1203299		5000			
B048716-DUP1	QC	03/27/12 11:01	50	50		12C0684-36				
B048716-DUP2	QC	03/27/12 11:01	50	50		12C0656-03				
B048716-MS1	QC	03/27/12 11:01	50	50	1202035	12C0684-43	2500			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: TOC Method #: Date/Analyst: 3/27/12

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	100	50	mg/L	0		std 6.						
std 2.	.5	1	50		1		std 7.						
std 3.	10	1	100	1	10		std 8.						
std 4.	1	1	50	1	20		std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#: WC36-232
Concentration: 1000mg/L
Wavelength: ____ nm. Path Length: ____
Correlation Coefficient: 1.0
Expiration: 9/22/12
Diluent: D.I
Corresponding Analysis Page: ____

Stock Prep (Louis, Suppliers):

Comments:

Analysis: Method #: Date/Analyst:

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						
Intermediate:							Intermediate:						

Stock ID#
Concentration:
Wavelength: ____ nm. Path Length: ____
Correlation Coefficient: ____
Expiration:
Diluent:
Corresponding Analysis Page: ____

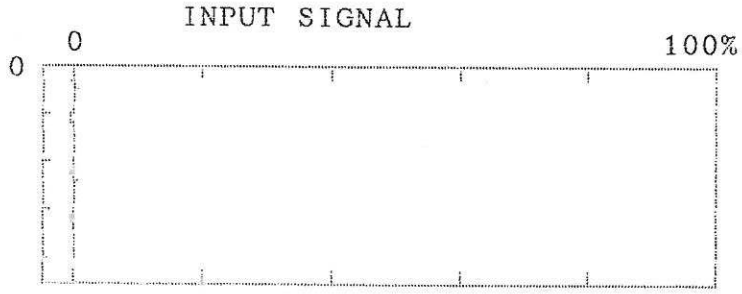
Stock Prep (Louis, Suppliers):

Comments:

273

ANALYST :
SAMPLE :

POWER OFF 03(MAR)-26-2012 17:18
POWER ON 03(MAR)-27-2012 10:13

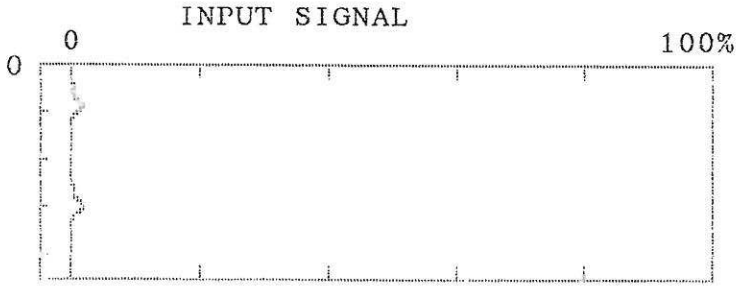


TIME [min]

CAL CURVE F# 5
1st STANDARD TC 0.0mg/l VIAL: S1
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	551
2	585
MN	568
SD	24
CV	4.23 %

DATE 03(MAR)-27-2012 11:01

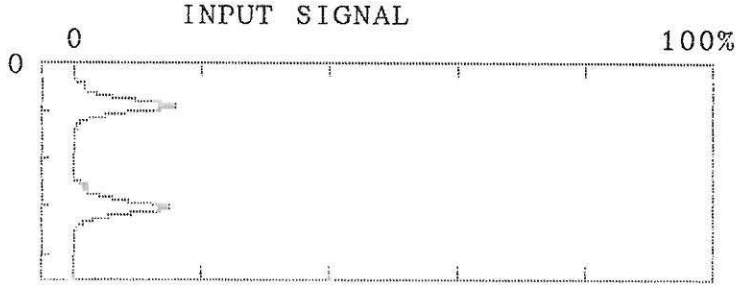


TIME [min]

CAL CURVE F# 5
2nd STANDARD TC 1.0mg/l VIAL: S2
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	1636
2	1787
MN	1711
SD	106
CV	6.23 %

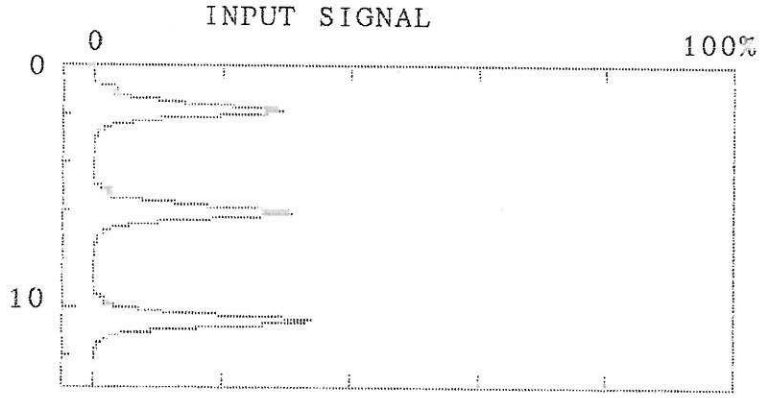
DATE 03(MAR)-27-2012 11:15



CAL CURVE F# 5
3rd STANDARD TC 10.0mg/l VIAL: S3
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	12290
2	12629
MN	12459
SD	239
CV	1.92 %

DATE 03(MAR)-27-2012 11:29

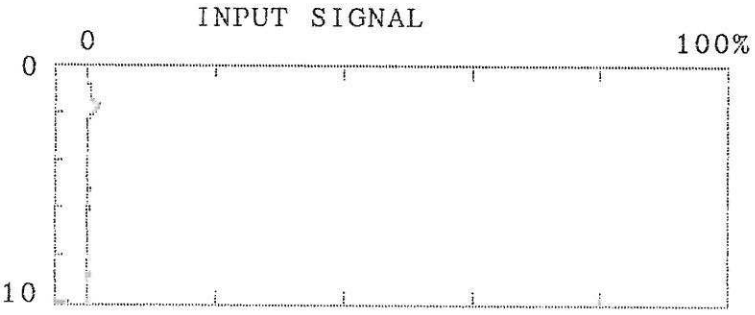


TIME [min]

CAL CURVE F# 5
4th STANDARD TC 20.0mg/l VIAL: S4
[x 5, 100µl, #WASH 2, SP 3min]

#	AREA
1	22942
2	24188
3	24359
-	-
MN	24273
SD	120
CV	0.49 %

DATE 03(MAR)-27-2012 11:47

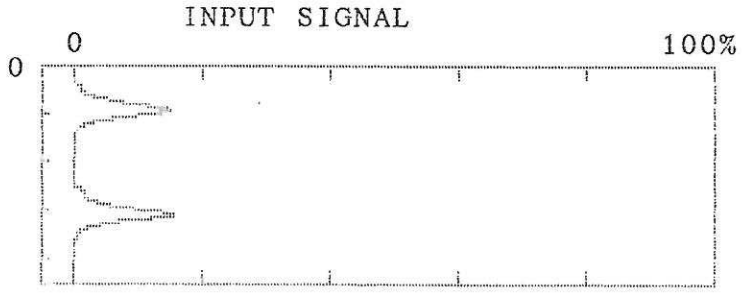


TIME [min]

```
SAMPLE#    1 NPOC  VIAL:  1
 [x 5,  100µl, C#  5, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1- 1681  0.947
    2     0  -0.46
    3     0  -0.46
   - - - - - - - - - - - - - - -
   MN     0  -0.46
   SD     0  0.000
   CV  0.00 %
   COR CONC DIL  -0.46 [x 1.0]
   COR CONC INJ  -0.46 [x 1.0]

        DATE  03(MAR)-27-2012  12:00
```

BLK

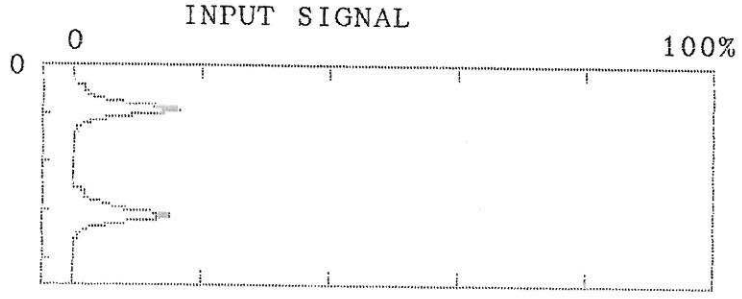


TIME [min]

```
SAMPLE#    2 NPOC  VIAL:  2
 [x 5,  100µl, C#  5, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1 11780  9.458
    2 11797  9.472
   - - - - - - - - - - - - - - -
   MN 11788  9.465
   SD    12  0.010
   CV  0.10 %
   COR CONC DIL  9.465 [x 1.0]
   COR CONC INJ  9.465 [x 1.0]

        DATE  03(MAR)-27-2012  12:12
```

LCS



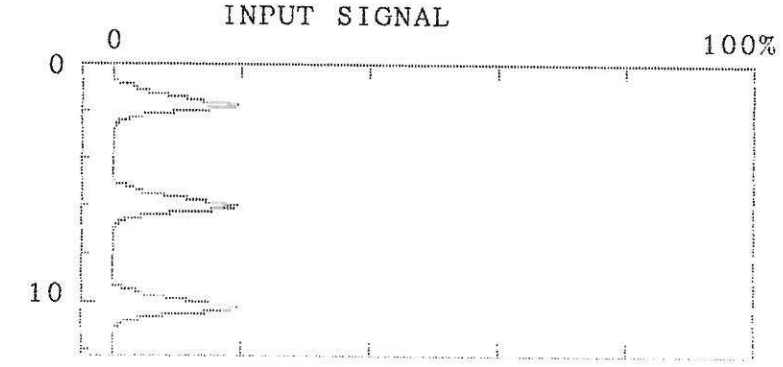
TIME [min]

SAMPLE# 3 NPOC VIAL: 3
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	12073	9.704			
2	12083	9.713			
MN	12078	9.709			
SD	7	0.006			

CV 0.05 %
COR CONC DIL 9.709 [x 1.0]
COR CONC INJ 9.709 [x 1.0]

DATE 03(MAR)-27-2012 12:26



TIME [min]

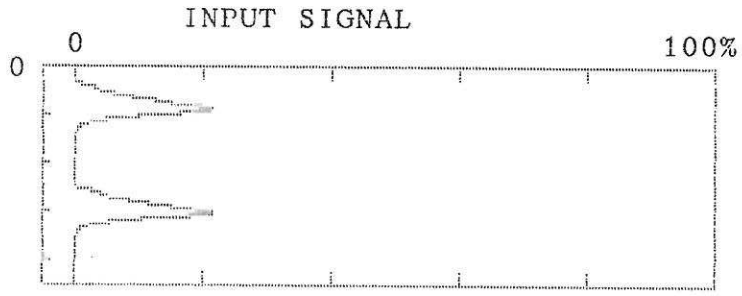
SAMPLE# 4 NPOC VIAL: 4
[x 5. 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	17108	13.94			
2	16615	13.53			
3	16154	13.14			
MN	16384	13.33			
SD	325	0.274			
CV	1.98 %				

COR CONC DIL 13.33 [x 1.0]
COR CONC INJ 13.33 [x 1.0]

DATE 03(MAR)-27-2012 12:43

12C0684-36
X2



TIME [min]

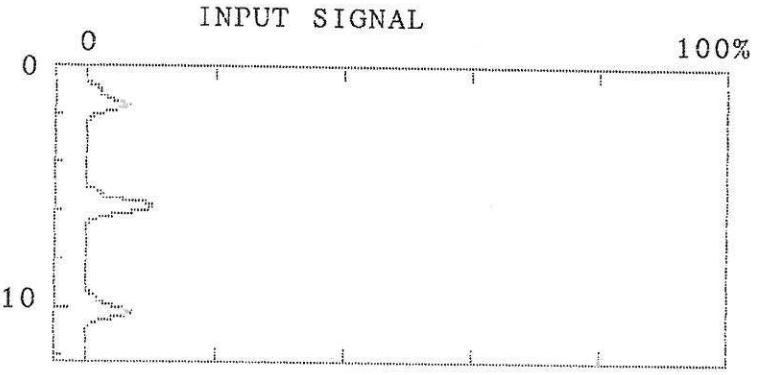
SAMPLE# 5 NPOC VIAL: 5
[x 5. 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	18467	15.09			
2	18126	14.80			
MN	18296	14.94			
SD	241	0.203			
CV	1.31 %				

COR CONC DIL 14.94 [x 1.0]
COR CONC INJ 14.94 [x 1.0]

DATE 03(MAR)-27-2012 12:55

dp 12C0684-36
X2



TIME [min]

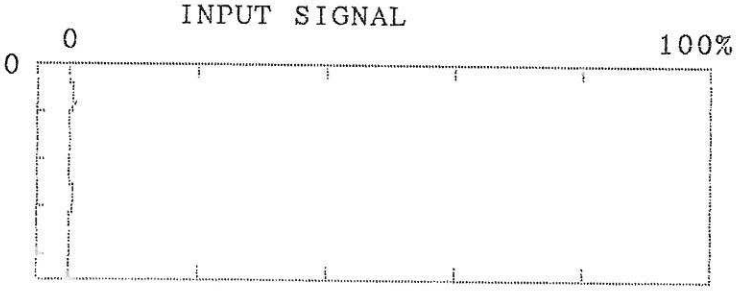
SAMPLE# 6 NPOC VIAL: 6
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	5084	3.815			
2-	8017	6.287			
3	5372	4.058			
MN	5228	3.936			
SD	203	0.171			
CV	3.89 %				

COR CONC DIL 3.936 [x 1.0]
COR CONC INJ 3.936 [x 1.0]

DATE 03(MAR)-27-2012 13:12

IC 0684-43



TIME [min]

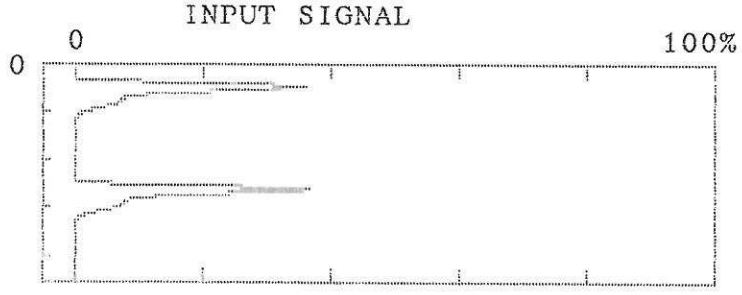
SAMPLE# 7 NPOC VIAL: 7
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	1076	0.438			
2	916	0.303			
MN	996	0.370			
SD	113	0.095			
CV	11.3 %				

COR CONC DIL 0.370 [x 1.0]
COR CONC INJ 0.370 [x 1.0]

DATE 03(MAR)-27-2012 13:23

12C0706-04



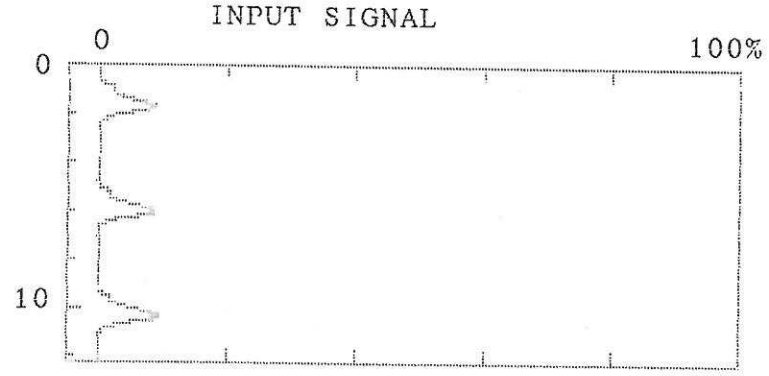
SAMPLE# 8 NPOC VIAL: 8
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	19890	16.29			
2	20142	16.50			
MN	20016	16.39			
SD	178	0.150			
CV	0.89 %				

COR CONC DIL 16.39 [x 1.0]
COR CONC INJ 16.39 [x 1.0]

DATE 03(MAR)-27-2012 13:37

12C0719-01



TIME [min]

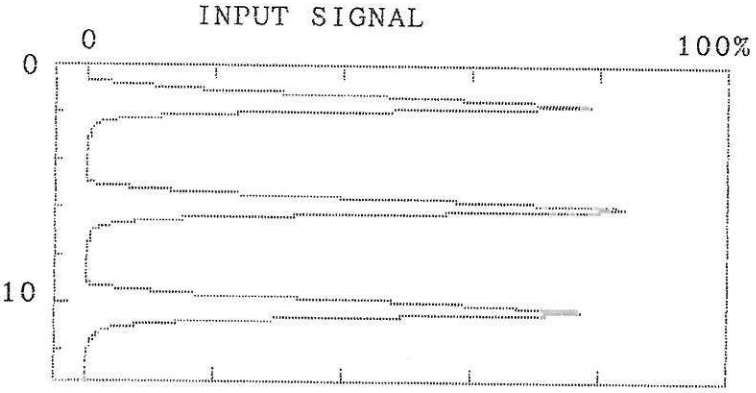
SAMPLE# 9 NPOC VIAL: 9
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	7004	5.433			
2	6625	5.114			
3-	7699	6.019			
MN	6814	5.273			
SD	267	0.225			
CV	3.93 %				

COR CONC DIL 5.273 [x 1.0]
COR CONC INJ 5.273 [x 1.0]

DATE 03(MAR)-27-2012 13:54

12CO 719-4



TIME [min]

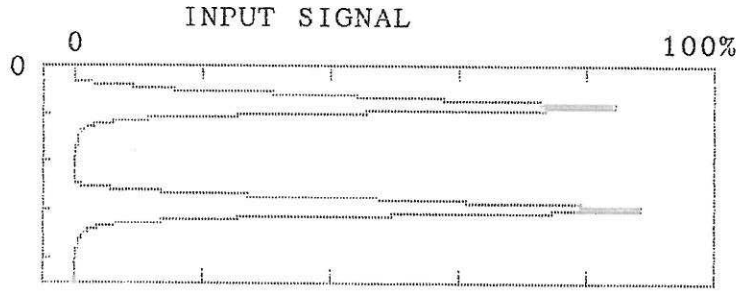
SAMPLE# 10 NPOC VIAL: 10
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	68864	57.56			
2	71116	59.45			
3	71344	59.65			
MN	71230	59.55			
SD	161	0.135			
CV	0.22 %				

COR CONC DIL 59.55 [x 1.0]
COR CONC INJ 59.55 [x 1.0]

DATE 03(MAR)-27-2012 14:10

12C 0656-03
Needs Dilution



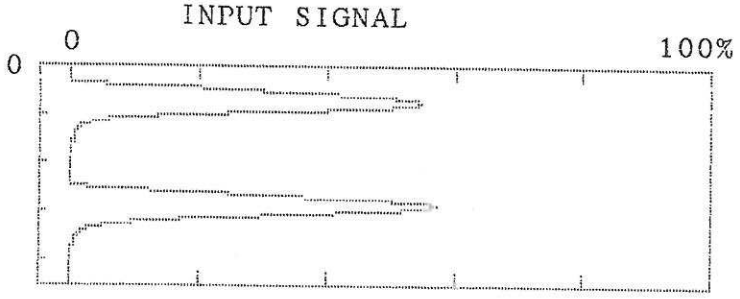
SAMPLE# 11 NPOC VIAL: 11
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	70081	58.58			
2	71968	60.17			
MN	71024	59.38			
SD	1334	1.124			
CV	1.87 %				

COR CONC DIL 59.38 [x 1.0]
COR CONC INJ 59.38 [x 1.0]

DATE 03(MAR)-27-2012 14:20

dp 12C0656-03
Needs 3 Dilution



TIME [min]

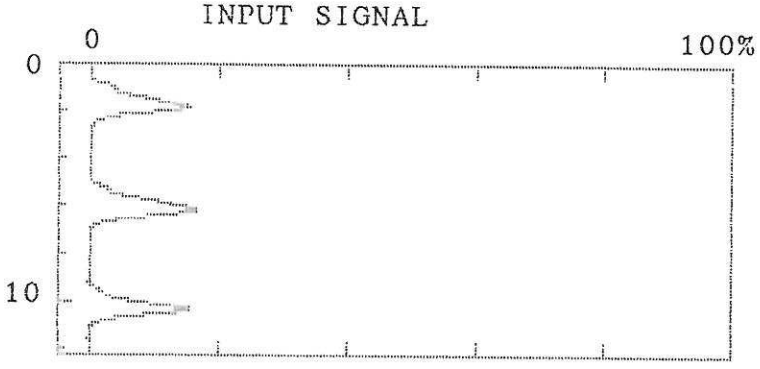
SAMPLE# 12 NPOC VIAL: 12
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	57127	47.67			
2	57216	47.74			
MN	57171	47.70			
SD	62	0.053			
CV	0.11 %				

COR CONC DIL 47.70 [x 1.0]
COR CONC INJ 47.70 [x 1.0]

DATE 03(MAR)-27-2012 14:35

12C 0719-06
Needs Dilution



TIME [min]

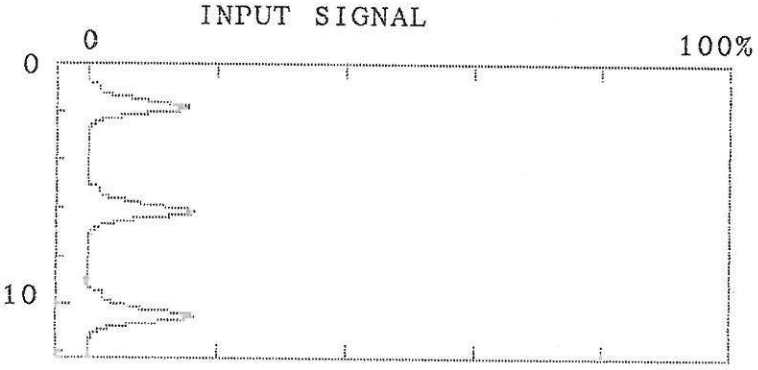
SAMPLE# 13 NPOC VIAL: 13
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	14150	11.45			
2	15283	12.40			
3	-11961	9.610			
MN	14716	11.93			
SD	801	0.675			
CV	5.44 %				

COR CONC DIL 11.93 [x 1.0]
COR CONC INJ 11.93 [x 1.0]

DATE 03(MAR)-27-2012 14:52

MS
IDC 0684-03
Contamination from previous sample



TIME [min]

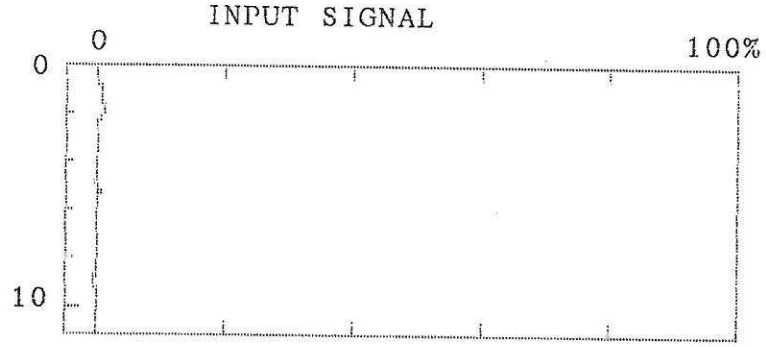
SAMPLE# 14 NPOC VIAL: 14
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	-12108	9.734			
2	13275	10.71			
3	13402	10.82			
MN	13338	10.77			
SD	89	0.075			
CV	0.67 %				

COR CONC DIL 10.77 [x 1.0]
COR CONC INJ 10.77 [x 1.0]

DATE 03(MAR)-27-2012 15:06

ICV/CCV



TIME [min]

SAMPLE# 15 NPOC VIAL: 15
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1-	1078	0.439			
2	442	-0.09			
3	401	-0.13			
MN	421	-0.11			
SD	28	0.024			
CV	6.87 %				

COR CONC DIL -0.11 [x 1.0]
COR CONC INJ -0.11 [x 1.0]

BLK

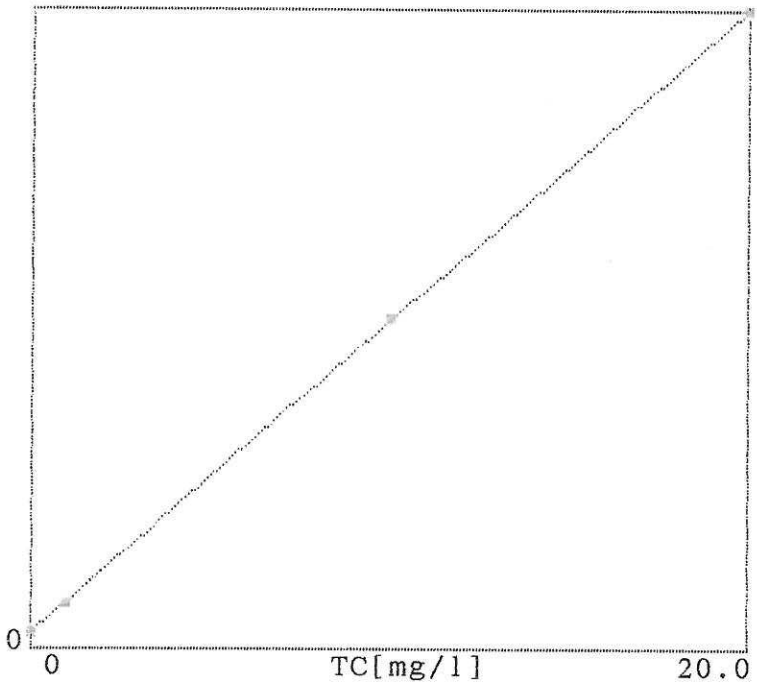
DATE 03(MAR)-27-2012 15:20

```
13                    11.93   5****
14                    10.77   5****


15                    -0.11   5****

ANALYST :
SAMPLE  :

24273
```




```
CAL CURVE F# 5
 TC 4-POINT
 LEAST SQUARES r=1.000

 [CONDITIONS]
   TC CATALYST          : NORMAL SENS
   INJ VOL/SYRINGE SIZE: 100/2500µl
   RANGE                : x5
   SPARGE TIME          : 3min
   NO OF WASHES         : 2
   DATE                 : 03(MAR)-27-2012
 [DATA]
   STD CONC    AREA #INJ   SD     CV
    20.0mg/l 24273  2    120 0.49%
    10.0mg/l 12459  2    239 1.92%
     1.0mg/l  1711  2    106 6.23%
     0.0mg/l   568  2     24 4.23%
```

CALIBRATION CURVE FILE LIST

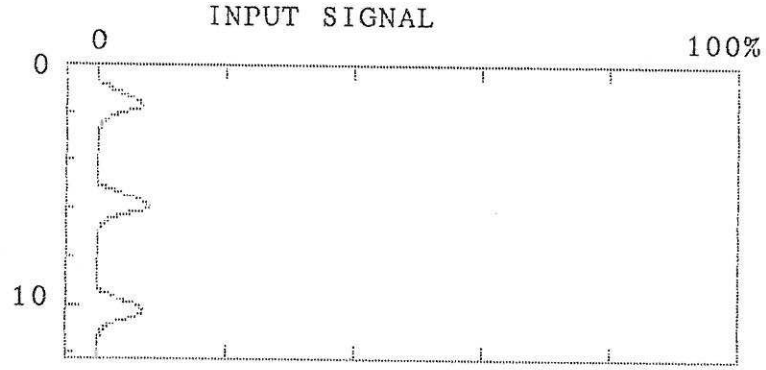
F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	25194	186	0.74	03(MAR)-26-2012
5	3	2	24273	120	0.49	03(MAR)-27-2012
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	555	1.95	11(NOV)-15-2011
8	3	2	30381	802	2.64	11(NOV)-22-2011
9	3	2	27943	35	0.12	11(NOV)-23-2011
10	3	2	29288	561	1.91	12(DEC)-01-2011
11	3	2	30677	306	0.99	12(DEC)-05-2011
12	3	2	29457	740	2.51	12(DEC)-07-2011
13	3	2	28594	125	0.44	12(DEC)-08-2011
14	3	2	29901	391	1.31	12(DEC)-11-2011
15	3	2	28963	231	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

TOC-5000 DATA REPORT

DATE 03(MAR)-27-2012 15:23

SPL#	POC	RMK	NPOC.mg/l	RMK	TOC
1			-0.46	5****	
2			9.465	5****	
3			9.709	5****	
4			13.33	5****	
5			14.94	5****	
6			3.936	5****	
7			0.370	5****	
8			16.39	5****	
9			5.273	5****	
10			59.55	5****	
11			59.38	5****	



TIME [min]

SAMPLE# 1 NPOC VIAL: 1
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

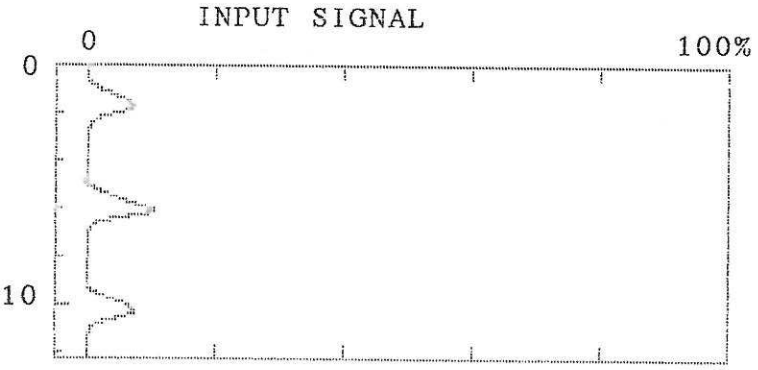
#	AREA	mg/l	C#	µl	RG
1-	6911	5.355			
2	7691	6.012			
3	7855	6.150			
MN	7773	6.081			
SD	115	0.097			
CV	1.49 %				

COR CONC DIL 6.081 [x 1.0]
COR CONC INJ 6.081 [x 1.0]

DATE 03(MAR)-27-2012 15:44

12C0656-03

X 10

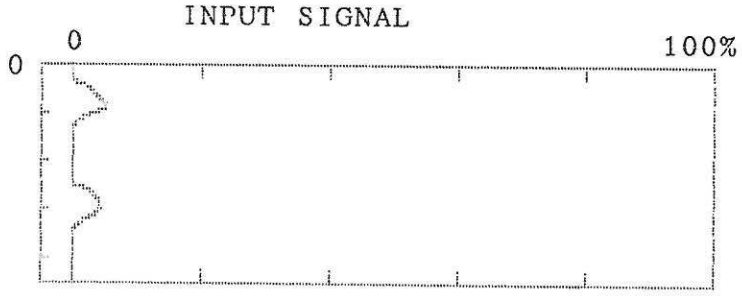


TIME [min]

```
SAMPLE#    2 NPOC  VIAL:  2
 [x 5,  100µl, C#  5, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1  7590  5.927
    2- 9927  7.896
    3  7681  6.003
   - - - - - - - - - - - - - - -
   MN  7635  5.965
   SD    64  0.054
   CV  0.84 %
   COR CONC DIL  5.965 [x 1.0]
   COR CONC INJ  5.965 [x 1.0]

        DATE  03(MAR)-27-2012  15:58
```

dP
12C0656-03
X10

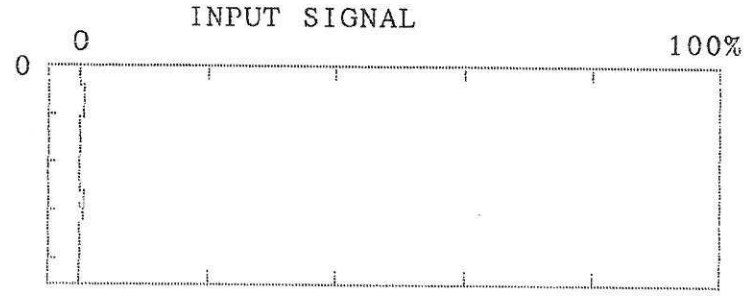



```
TIME [ min ]

SAMPLE#    3 NPOC  VIAL:  3
 [x 5,  100µl, C#  5, #WASH 2, SP  3min]
    #  AREA mg/l      C#  µl RG
    1  5718  4.349
    2  5493  4.160
   - - - - - - - - - - - - - - -
   MN  5605  4.255
   SD   159  0.134
   CV  2.83 %
   COR CONC DIL  4.255 [x 1.0]
   COR CONC INJ  4.255 [x 1.0]

        DATE  03(MAR)-27-2012  16:09
```

12C0719-06
X10



TIME [min]

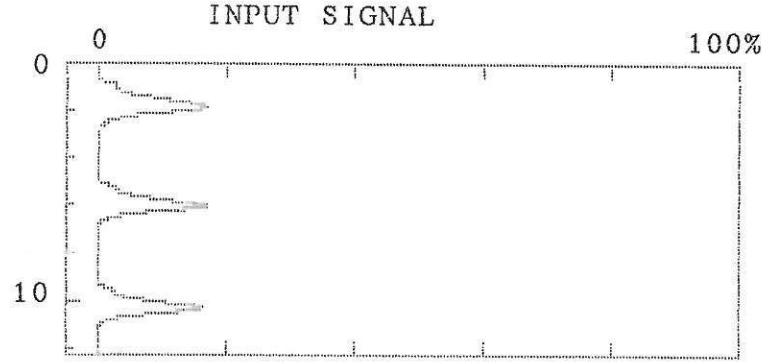
SAMPLE# 4 NPOC VIAL: 4
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	802	0.207			
2	623	0.056			
MN	712	0.131			
SD	126	0.106			
CV	17.7 %				

COR CONC DIL 0.131 [x 1.0]
COR CONC INJ 0.131 [x 1.0]

BIK

DATE 03(MAR)-27-2012 16:23



TIME [min]

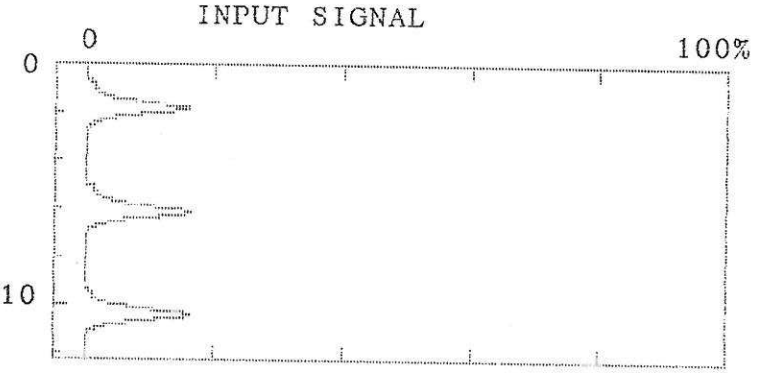
SAMPLE# 5 NPOC VIAL: 5
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	15058	12.22			
2	13294	10.73			
3	12296	9.892			
MN	12795	10.31			
SD	705	0.594			
CV	5.51 %				

COR CONC DIL 10.31 [x 1.0]
COR CONC INJ 10.31 [x 1.0]

MB 12C0684-03

DATE 03(MAR)-27-2012 16:40



TIME [min]

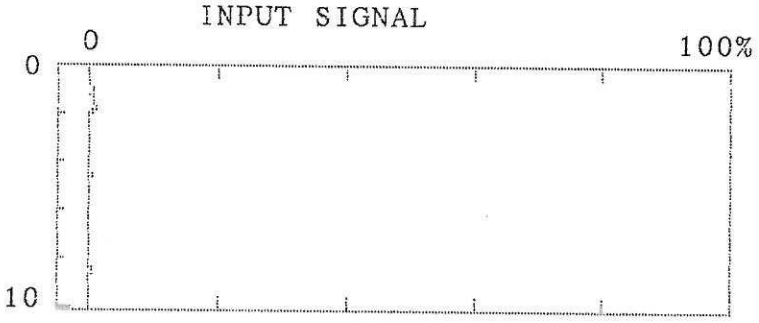
SAMPLE# 6 NPOC VIAL: 6
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	11127	8.907			
2	11879	9.541			
3	11679	9.372			
MN	11779	9.457			
SD	141	0.119			
CV	1.20 %				

COR CONC DIL 9.457 [x 1.0]
COR CONC INJ 9.457 [x 1.0]

CCV 94.6%

DATE 03(MAR)-27-2012 16:55



TIME [min]

SAMPLE# 7 NPOC VIAL: 7
[x 5, 100µl, C# 5, #WASH 2, SP 3min]

#	AREA	mg/l	C#	µl	RG
1	0	-0.46			
2-	419	-0.11			
3	0	-0.46			
MN	0	-0.46			
SD	0	0.000			

CV 0.00 %
COR CONC DIL -0.46 [x 1.0]
COR CONC INJ -0.46 [x 1.0]

DATE 03(MAR)-27-2012 17:07

CB

CALIBRATION CURVE FILE LIST

F#	TYP	MAX-C	P	STD SIZE	RG	C	CELL
1	TC	20.0mg/l	4	100/2500µl	5	N	
2	TC	20.0mg/l	4	100/2500µl	5	N	
3	TC	20.0mg/l	4	100/2500µl	5	N	
4	TC	20.0mg/l	4	100/2500µl	5	N	
5	TC	20.0mg/l	4	100/2500µl	5	N	
6	TC	20.0mg/l	4	100/2500µl	5	N	
7	TC	20.0mg/l	4	100/2500µl	5	N	
8	TC	20.0mg/l	4	100/2500µl	5	N	
9	TC	20.0mg/l	4	100/2500µl	5	N	
10	TC	20.0mg/l	4	100/2500µl	5	N	
11	TC	20.0mg/l	4	100/2500µl	5	N	
12	TC	20.0mg/l	4	100/2500µl	5	N	
13	TC	20.0mg/l	4	100/2500µl	5	N	
14	TC	20.0mg/l	4	100/2500µl	5	N	
15	TC	20.0mg/l	4	100/2500µl	5	N	
16	TC	20.0mg/l	4	100/2500µl	5	N	
17	TC	20.0mg/l	4	100/2500µl	5	N	
18	TC	20.0mg/l	4	100/2500µl	5	N	

F#	SP	W	AREA	SD	CV	DATE
1	3	2	22216	173	0.77	03(MAR)-19-2012
2	3	2	21411	32	0.15	03(MAR)-20-2012
3	3	2	21609	319	1.47	03(MAR)-23-2012
4	3	2	25194	186	0.74	03(MAR)-26-2012
5	3	2	24273	120	0.49	03(MAR)-27-2012
6	3	2	27255	178	0.65	11(NOV)-02-2011
7	3	2	28328	588	1.96	11(NOV)-15-2011
8	3	2	28391	903	3.04	11(NOV)-22-2011
9	3	2	27243	38	0.12	11(DEC)-23-2011
10	3	2	29588	561	1.91	12(DEC)-01-2011
11	3	2	30677	486	1.59	12(DEC)-05-2011
12	3	2	29457	748	2.71	12(DEC)-07-2011
13	3	2	28794	125	0.44	12(DEC)-08-2011
14	3	2	29869	361	1.21	12(DEC)-11-2011
15	3	2	30666	241	0.79	12(DEC)-12-2011
16	3	2	29100	419	1.44	12(DEC)-13-2011
17	3	2	24781	560	2.25	12(DEC)-14-2011
18	3	2	21521	554	2.57	12(DEC)-15-2011

TOC-5000 DATA REPORT
DATE 03(MAR)-27-2012 17:10

SPL#	POC	RMK	NPOC,mg/l	RMK	TOC
1			6.081	5****	
2			5.965	5****	
3			4.255	5****	
4			0.131	5****	
5			10.31	5****	
6			9.457	5****	
7			-0.46	5****	

ANALYST :
SAMPLE :

PREPARATION BENCH SHEET

B048421

Con-Test Analytical Laboratory

rinted: 3/23/2012 7:27:36AM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** DIL ABS. **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0706-04	Phosphate, Ortho (as P)	03/22/12 11:30	50	50				1X	Ecology & Environment	.002
B048421-BLK1	QC	03/22/12 11:30	50	50						.010
B048421-BS1	QC	03/22/12 11:30	50	50	1201037		5000		TV=0.420mg/L	.261 101%
B048421-BSD1	QC	03/22/12 11:30	50	50	1201037		5000		"	.269 104%
B048421-CCV1	QC ICV	03/22/12 11:30	50	50	1202171		300		TV=0.3mg/L	.196 107%

genesys# 3 Spec
epp# 4497797
Color (wc36-214

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

prepped daily

Colorimetric/Spectrophotometric Determinations
Standard/Curve Worksheet

Analysis: Phosphate/ORTHO Method #: SM4500 PE Date/Analyst: 3/27/12 AOP

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.	0	2.5 mg/L	50mL	0	mg/L	.000	std 6.	15	2.5 mg/L	50mL	.75	mg/L	.468
std 2.	1	"	"	.105	"	.029	std 7.	20	"	"	1.0	"	.567
std 3.	4	"	"	.120	"	.109	std 8.						
std 4.	6	"	"	.30	"	.184	std 9.						
std 5.	10	"	"	.50	"	.302	std 10.						

Intermediate: 2.5 mg/L : 5mL 1202171 → 100mL (vol) w/ bottled H_2O

Intermediate:

Stock ID#: 1202171

Concentration: 50 mg/L

Wavelength: 880 nm. Path Length: 1cm

Correlation Coefficient: .99744983

Expiration: 2/17/13

Diluent: bottled H_2O

Corresponding Analysis Page: batch → B0486l2

Stock Prep (Lots, Suppliers): Color WC30-230

Comments:

Analysis: _____ Method #: _____ Date/Analyst: _____

	mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.		mLs	Concn.	Fin. Vol	Std Cn.	Units	Abs.
std 1.							std 6.						
std 2.							std 7.						
std 3.							std 8.						
std 4.							std 9.						
std 5.							std 10.						

Intermediate:

Intermediate:

Stock ID#

Concentration:

Wavelength: _____ nm. Path Length: _____

Correlation Coefficient: _____

Expiration:

Diluent:

Corresponding Analysis Page: _____

Stock Prep (Lots, Suppliers):

Comments:

296

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	**VAK**	**Prep Date/Time:**	3/22/12 11:30
		Analysis Date/Time:	3/22/12 11:30
Analyte:	**Orthophosphate as P**	**Units:**	mg/L
Method:	**SM4500PE**		

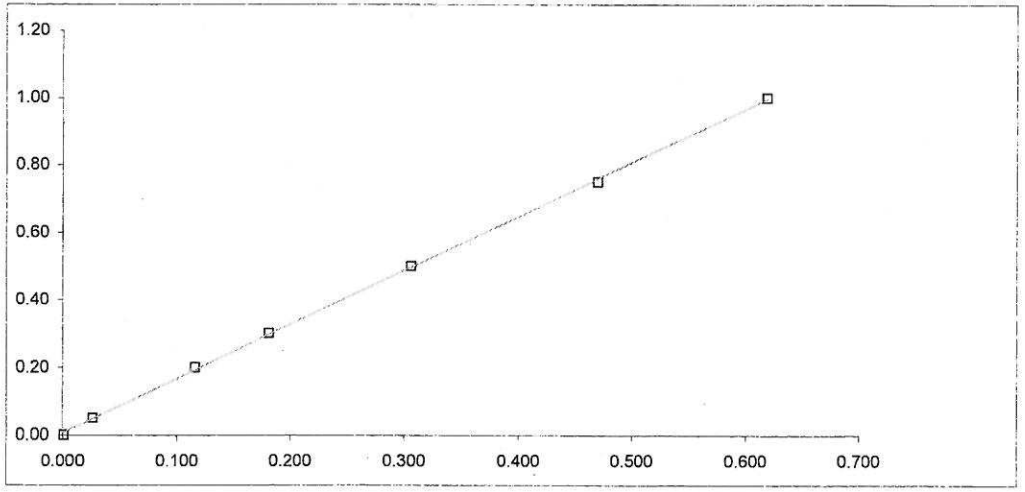
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.001		0.00	0.009
0.026		0.05	0.049
0.116		0.20	0.193
0.181		0.30	0.297
0.306		0.50	
0.470		0.75	
0.619		1.00	

Batch ID: B048421

LINEAR EQUATION

y=a+bx

a=	-0.0044649
b=	0.6250909
r=	0.9998537



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12C0706-04	RB12321	Sample	0.002	3/22/12 11:30		50		1		1	0.010342392	0.010342392
	B048421-BLK1	-	Blank	0.010	3/22/12 11:30		50		1		1	0.023140531	0.023140531
	B048421-BS1	-	LCS	0.261	3/22/12 11:30		50		1		1	0.42468214	0.42468214
	B048421-BSD1	-	LCS Dup	0.269	3/22/12 11:30		50		1		1	0.437480271	0.437480271
	B048421-CCV1	-	Calibration Check	0.196	3/22/12 11:30		50		1		1	0.320697248	0.320697248

0

Final Conc. mg/kg
0
0
0
0
0

PREPARATION BENCH SHEET

B048829

Con-Test Analytical Laboratory

rinted: 3/30/2012 9:29:13AM

Matrix: Water **Prepared using: WET CHEMISTRY - NO PREP** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0656-12	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0706-04	Sulfate by ASTM D516	03/29/12 14:30	100	100					Ecology & Environment	
12C0731-01	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0731-02	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0731-03	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0731-04	Sulfate by ASTM D516	03/29/12 14:30	2	100						
12C0731-05	Sulfate by ASTM D516	03/29/12 14:30	5	100						
12C0731-06	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0731-07	Sulfate by ASTM D516	03/29/12 14:30	2	100						
12C0731-08	Sulfate by ASTM D516	03/29/12 14:30	100	100						
12C0825-01	Sulfate by ASTM D516	03/29/12 14:30	20	100						
12C0892-01	Sulfate by ASTM D516	03/29/12 14:30	100	100						
B048829-BLK1	QC	03/29/12 14:30	100	100						
B048829-BS1	QC	03/29/12 14:30	100	100	1112047		20000			
B048829-BSD1	QC	03/29/12 14:30	100	100	1112047		20000			
B048829-DUP1	QC	03/29/12 14:30	100	100		12C0731-03				
B048829-DUP2	QC	03/29/12 14:30	100	100		12C0892-01				
B048829-MS1	QC	03/29/12 14:30	100	100	1203335	12C0731-02	20000			
B048829-MS2	QC	03/29/12 14:30	100	100	1203335	12C0706-04	20000			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Sulfate

Method ASTM D516-02

Spec. ID : Genesys #2 **Date/Analyst :** 3/29/12 AOP

Standard	mls of Stock	Stock Conc.	Final Vol.	Std. Conc.	units	Absorbance
Std. 1	0	100mg/L	100mL	0	mg/L	.000
Std. 2	2			2		.006
Std. 3	5			5		.026
Std. 4	10			10		.064
	20			20		.174
	30			30		.271
	40			40		.375

Correlation Coefficient : .9989916181 **Wavelength :** 420nm

Stock ID : 12033335 **Path Length :** 1cm

Stock Expiration : 3/29/13 **Comments:**

Stock Concentration : 100 mg/L

Diluent : DI

Reagents: Color – Con-Test Lot # : WC35-239

Sulfate

Method ASTM D516-02

Spec. ID Genesys #7 **Date :** 3/29/12 **Start time:** 1:15P **Finish time:** 2:30P **Analyst:** AOD

QC Reference (LCS) : 1112047 **T.V. =** 20.0 mg/L **Range :** 815-1192

Sample ID #	Abs. (blk)	Calculations / Final Results	Comments/Time
Dup & MS at 10% or better (blk)	.000	<2.0	
QC reference (LCS)	.172	19.79 99%	T.V.=
LFB ⊥ dup	.177	20.30 102%	T.V.=
1. 12C0656-12	1.000 / .317	34.49	
2. 0706-04 +5mL	1.000 / .034	5.80 - 5.0 = 0.8 <2.0	
3. 0731-01 +5mL	1.012 / .067	7.93 - 5.0 = 2.93	
4. -02 +5mL	1.002 / .043	6.51 - 5.0 = 1.51 <2.0	
5. -03	1.006 / .102	12.09	
6. -04 50x	1.000 / .241	23.75 (50x) = 1187.5	
7. -05 20x	1.000 / .114	13.91 (20x) = 278.2	
8. -06	1.004 / .352	37.63	
9. -07 50x	1.000 / .298	32.57 (50x) = 1628.5	
10. -08	1.000 / .290	31.76	
11. -03 dup	1.006 / .102	12.09	
12. ⊥ -02 MS	.184	21.01 105%	
CCV CCV	.171	19.69 98%	T.V. =
13. CCB	.000	<2.0	
14. 12C0825-01 5x	1.000 / .202	22.83 (5x) = 114.15	
15. 0892-01	1.000 / .244	27.09	
16. ⊥ dup	1.000 / .226	25.27	
17. ⊥ 0706-04 MS	.174	20.00 100%	
18. CCV	.173	19.89 99%	
19. CCB	.000	<2.0	
20.			
21.			
22.			
23.			
24.			
CCV			T.V.=

See next page for standard/curve worksheet

PREPARATION BENCH SHEET

B048649

Con-Test Analytical Laboratory

inted: 3/30/2012 10:22:45AM

Matrix: Water **Prepared using: WET CHEMISTRY - SM 4500 NO3-F** **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12C0654-01	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0654-02	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0670-06	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0696-01	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0699-01	Nitrate-Nitrogen (NO3)	03/27/12 09:51	2.5	25						
12C0701-01	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0701-02	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0701-03	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25						
12C0706-04	Nitrate-Nitrogen (NO3)	03/27/12 09:51	25	25					Ecology & Environment	
B048649-BLK1	QC	03/27/12 09:51	25	25						
B048649-BS1	QC	03/27/12 09:51	25	25	1201157		1			
B048649-BSD1	QC	03/27/12 09:51	25	25	1201157		1			
B048649-DUP1	QC	03/27/12 09:51	25	25		12C0706-04				
B048649-MS1	QC	03/27/12 09:51	25	25	1203161	12C0706-04	1000			

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Creator.: Lachat Instruments
Creation Date : 6/22/2011 12:32:36 PM
Last Modified : 6/22/2011 12:32:53 PM
Description : 9:57 AM

NO_3 / NO_2 3-27-12 / UAK
Lachat 10-107-04-1-A
2.12 p.22

Cup	Sample ID	MDF	Weight	Sample Type	Comments
S1	Cal Std 1			Calibration Standard	
S1	Cal Std 2			Calibration Standard	
S1	Cal Std 3			Calibration Standard	Corr 1.00000
S1	Cal Std 4			Calibration Standard	
S1	Cal Std 5			Calibration Standard	
S2	Cal Std 6			Calibration Standard	
S3	LCS = 3.71 MG/L			Check Standard	3.83 (103%)
S4	ICV NO3 = 4.0 MG/L			Check Standard	4.38 (110%)
S5	ICV NO2 = 4.0 MG/L			Check Standard	4.37 (109%)
S3	LCS DUP = 3.71 MG/L			Check Standard	3.93 (106%)
1	12C0654-01			Unknown	0.378 − .013 = 0.365
2	12C0654-02			Unknown	8.18 − .032 = 8.15
3	12C0670-06			Unknown	1.09 − .086 = 1.00
4	12C0696-01			Unknown	0.0121 − .032 = Ø
5	12C0699-01			Unknown	15.0 (see below for 10x D.L)
6	BLANK (method)			Unknown	Ø
7	12C0701-01			Unknown	0.330
8	12C0701-02			Unknown	0.332
9	12C0701-03			Unknown	0.393
10	12C0706-04			Unknown	Ø
S1	CCV = 5.0 MG/L			Check Standard	5.47 mg/L (109%)
11	12C0706-04 DUP			Unknown	Ø
12	BLANK			Unknown	0.00509 (<.05)
13	12C0706-04 MS=4.0 MG/L			Unknown	4.56 mg/L (114%)
14	12C0723-01			Unknown	Ø
S1	CCV = 5.0 MG/L			Check Standard	5.49 mg/L (110%)

Analyte Table	NOX
	(mg/L)
Cal Std 1	10.0
Cal Std 6	0.00

(10x) Dilution
12C0699-01 1.90 x 10 = [19.0 − .046] = 18.95

Author: Lachat Instruments

Date : 3/27/2012

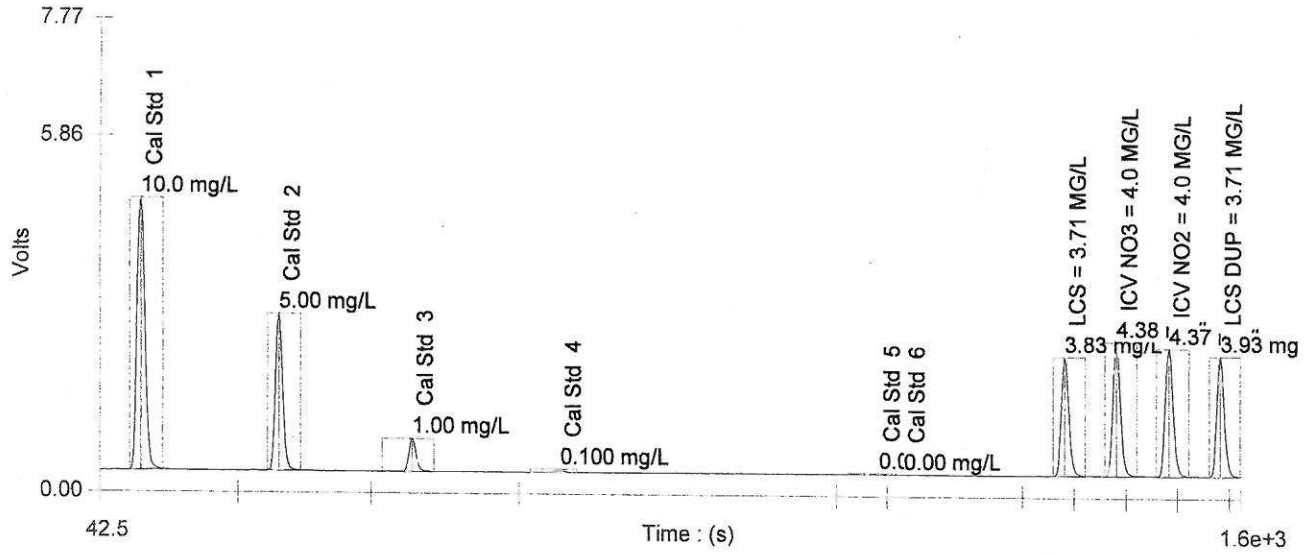
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Original Run Author's Signature: [Lachat Instruments]
Current Run Filename: OM_3-27-2012_08-56-30AM.OMN Last Modified: 3/27/2012 9:51:53 AM
Current Run Author's Signature: [Lachat Instruments]
Description: LACHAT 10-107-04-1-A

Sample	Rep.	Cup No.	Channel 1 NOX Conc. (mg/L)	Area (V.s)	Height (V)	ADF
Cal Std 1	1	S1	10.0	56.3	4.47	
Cal Std 2	1	S1	5.00	29.9	2.58	2.00
Cal Std 3	1	S1	1.00	6.26	0.543	10.00
Cal Std 4	1	S1	0.100	0.691	0.0531	100.00
Cal Std 5	1	S1	0.0500	0.390	0.0244	200.00
Cal Std 6	1	S2	0.00	0.103	5.95e-3	
DQM Test: Minimum Correlation Coefficient						
		Result:	1.00000 > 0.99700			
		Message	PASS			
		Action	Continue			
LCS = 3.71 MG/L	1	S3	3.83	23.1	1.95	
		Known Conc:	3.71			
		Calibration:	Table/Fig. : 1			
ICV NO3 = 4.0 MG/L	1	S4	4.38	26.2	2.20	
		Known Conc:	4.00			
ICV NO2 = 4.0 MG/L	1	S5	4.37	26.2	2.09	
		Known Conc:	4.00			
LCS DUP = 3.71 MG/L	1	S3	3.93	23.7	1.97	
		Known Conc:	3.71			
12C0654-01	1	1	0.378	2.46	0.225	
12C0654-02	1	2	8.18	46.9	4.09	
12C0670-06	1	3	1.09	6.84	0.643	
12C0696-01	1	4	0.0121	0.159	7.85e-3	
12C0699-01	1	5	15.0	80.5	5.48	
BLANK	1	6	-0.0945	-0.515	-0.0135	
12C0701-01	1	7	0.330	2.16	0.196	
12C0701-02	1	8	0.332	2.17	0.199	
12C0701-03	1	9	0.393	2.55	0.238	
12C0706-04	1	10	-6.64e-3	0.0405	3.12e-3	
CCV = 5.0 MG/L	1	S1	5.47	32.3	2.68	2.00
		Known Conc:	5.00			
12C0706-04 DUP	1	11	-0.0137	-4.17e-3	2.44e-3	
BLANK	1	12	5.09e-3	0.115	4.03e-3	
12C0706-04 MS=4.0 MG/L	1	13	4.56	27.3	2.43	
12C0723-01	1	14	-0.0475	-0.218	-5.67e-3	
12C0699-01	1	5	1.90	11.8	1.11	10.00
CCV = 5.0 MG/L	1	S1	5.49	32.5	2.66	2.00
		Known Conc:	5.00			

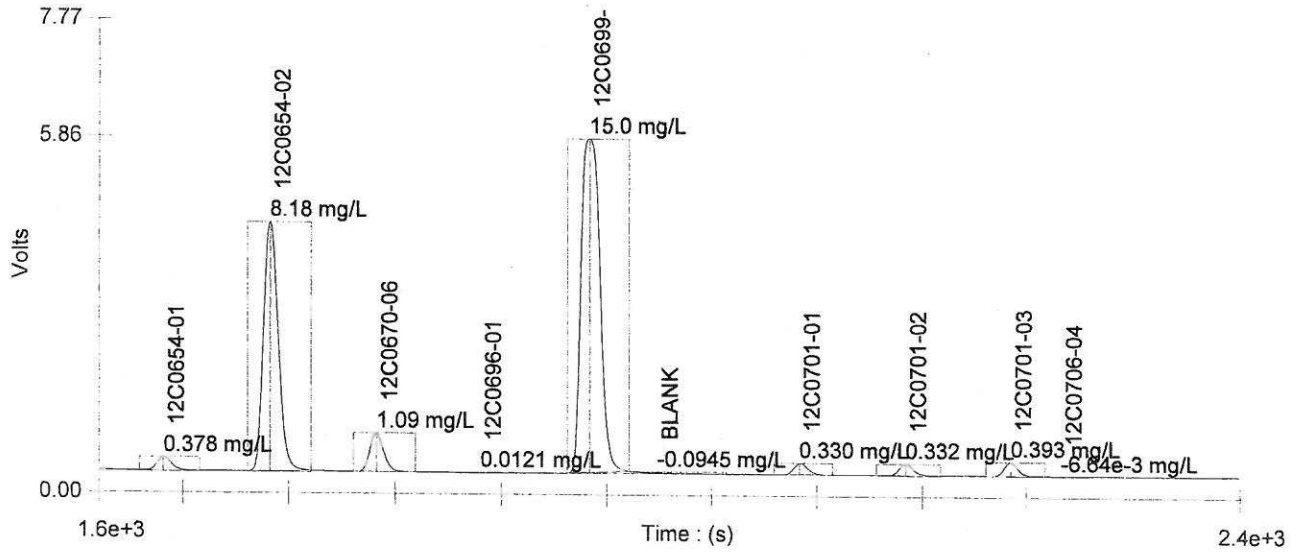
Author: Lachat Instruments

Date : 3/27/2012

Channel 1 (NO3-NO2) - Set: 1 / 3



Channel 1 (NO3-NO2) - Set: 2 / 3



Author: Lachat Instruments

Date : 3/27/2012

Channel 1 (NO3-NO2) - Set: 3 / 3

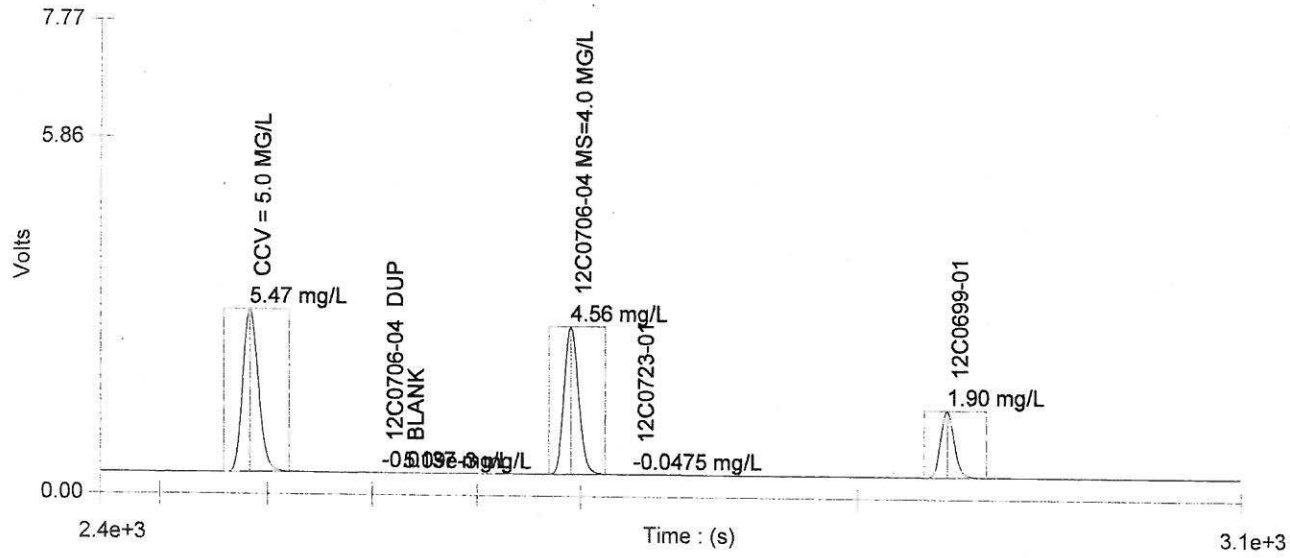
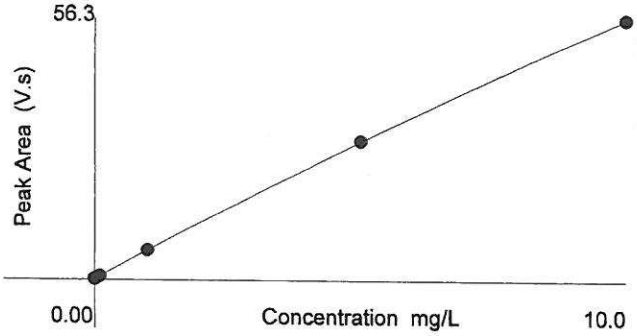


Table : 1 (NOX)

	Known Conc. (mg/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg/L)	Detection Date	Detection Time
1	10.0	1	56.3	4.47	0.0	0.1	9.99	3/27/2012	8:57:14 AM
2	5.00	1	29.9	2.58	0.0	-0.3	5.03	3/27/2012	9:00:25 AM
3	1.00	1	6.26	0.543	0.0	0.4	0.991	3/27/2012	9:03:27 AM
4	0.100	1	0.691	0.0531	0.0	2.8	0.0965	3/27/2012	9:06:50 AM
5	0.0500	1	0.390	0.0244	0.0	1.9	0.0488	3/27/2012	9:14:08 AM
6	0.00	1	0.103	5.95e-3			3.25e-3	3/27/2012	9:15:18 AM

Figure : 1 (NOX)



Area = - 0.0641 * Conc^2 + 6.26 * Conc + 0.0850
Conc = 3.46e-4 * Area^2 + 0.158 * Area - 0.0131
Correlation Coefficient (r) = 1.00000

Weighting : 1/x

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Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0105

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0105	GW	PW20-100	11L0105-02	12/01/2011		
11L0105	GW	PW20-125	11L0105-03	12/01/2011		
11L0105	GW	PW20-125D	11L0105-04	12/01/2011		
11L0105	GW	PW20-150	11L0105-05	12/01/2011		
11L0105	GW	PW20-175	11L0105-06	12/01/2011		
11L0105	DW	TB-120111	11L0105-01	12/01/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	No - COC states 2 trip blank vials were sent; laboratory states only one trip blank vial was received.
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – Field duplicate samples included with this SDG (PW20-125 and PW20-125D).
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)

- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – No matrix spikes were performed for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits for carbon disulfide (134%). No qualifiers added since all results are "not detected" for associated samples in this batch and bias is on the high side.
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV for bromochloromethane was above criteria; no qualifiers added since all results are "not detected" for associated samples in this batch and bias is on the high side.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	Yes - Sample PW20-175 contained high amounts of sediment, therefore the laboratory analyzed it at a high dilution and was not able to meet the reporting limits for that sample.
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	Yes

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Elevated reporting limits due to high sediment/dilution; LCS/LCSD recoveries outside of acceptance limits; bias due to RF. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	B042460-BS1	CARBON DISULFIDE	0	10	134	1	70	130	J/none
8260C	B042460-BSD1	CARBON DISULFIDE	0	10	134	1	70	130	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results

Method	Analyte	Unit	PQL	PW20-125	PW20-125D	RPD	RPD Rating	Qualifier
8260C	BROMODICHLOROMETHANE	ug/l	0.5	1.3	1.2	8.00	Good	None
8260C	DIBROMOCHLOROMETHANE	ug/l	0.5	1.1	0.98	11.5	Good	None
8260C	TOLUENE	ug/l	1	1.2	1.5	22.2	Good	None

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound
VOC	=	volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0228

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0228	GW	PW20-200	11L0228-02	12/02/2011		
11L0228	GW	PW23-100	11L0228-03	12/05/2011		
11L0228	GW	PW23-150	11L0228-04	12/06/2011		
11L0228	GW	PW23-175	11L0228-05	12/06/2011		
11L0228	GW	PW23-200	11L0228-06	12/06/2011		
11L0228	DW	TB-120211	11L0228-01	12/02/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes - Sample PW23-175 appeared to be releasing gas immediately following sample collection and contained excessive amounts of sediment, therefore the laboratory poured the sample into a new vial. Detected compounds qualified J; nondetects qualified UJ for possible low bias.
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	N/A – No matrix spikes were performed for this SDG.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and/or duplicate recoveries/RPDs outside of control limits for several compounds; detected compounds qualified with J; nondetected compounds not qualified (high bias).
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ. CCV for 2.2-dichloropropane was below criteria; associated sample results qualified J/UJ.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No field duplicates were included with this SDG.

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
Sample poured into new vial due to high sediment/dilution; LCS/LCSD recoveries/RPDs outside of acceptance limits; bias due to RF and CCV. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits
None

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B042744-BS1	1,2,3-TRICHLOROPROPANE	0	10	134	1	70	130		J/none
8260C	B042744-BS1	1,4-DIOXANE (P-DIOXANE)	0	100	136	1	40	130		J/none
8260C	B042744-BS1	2-CHLOROTOLUENE	0	10	132	1	70	130		J/none
8260C	B042744-BS1	BROMOBENZENE	0	10	131	1	70	130		J/none
8260C	B042744-BS1	CARBON DISULFIDE	0	10	131	1	70	130		J/none
8260C	B042744-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130		J/none
8260C	B042744-BS1	M AND P XYLENES	0	20	137	1	70	130		J/none
8260C	B042744-BS1	N-PROPYLBENZENE	0	10	136	1	70	130		J/none
8260C	B042744-BSD1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130	4.42	J/none
8260C	B042817-BS1	1,3-DICHLOROPROPANE	0	10	136	1	70	130		J/none

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B042817-BS1	1,4-DIOXANE (P-DIOXANE)	0	100	142	1	40	130		J/none
8260C	B042817-BS1	CARBON DISULFIDE	0	10	145	1	70	130		J/none
8260C	B042817-BS1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130		J/none
8260C	B042817-BSD1	1,2,3-TRICHLOROPROPANE	0	10	103	1	70	130	33.5	J/none
8260C	B042817-BSD1	1,4-DIOXANE (P-DIOXANE)	0	100	142	1	40	130	2.4	J/none
8260C	B042817-BSD1	2-CHLOROTOLUENE	0	10	101	1	70	130	29.8	J/none
8260C	B042817-BSD1	CARBON DISULFIDE	0	10	145	1	70	130	1.84	J/none
8260C	B042817-BSD1	ISOPROPYLBENZENE (CUMENE)	0	10	136	1	70	130	3.6	J/none
8260C	B042817-BSD1	N-PROPYLBENZENE	0	10	100	1	70	130	32.7	J/none
8260C	B042817-BSD1	TRANS-1,4-DICHLORO-2-BUTENE	0	10	98.9	1	70	130	33.1	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike

MSD = matrix spike duplicate
NC = not calculated
ND = not detected
NYSDEC = New York State Department of Environmental Conservation
PQL = practical quantitation limit
QA = quality assurance
QAPP = quality assurance project plan
QC = quality control
RPD = relative percent difference
SDG = sample delivery group
TIC = tentatively identified compound
VOC = volatile organic compound

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

The analytical data provided by the laboratory were reviewed for precision, accuracy, and completeness in accordance with the following guidance:

- NYSDEC Division of Environmental Remediation Guidance for Data Deliverables and the Development of Data Usability Summary Reports (in DER-10, May 2010)
- USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (EPA-540-R-08-01, June 2008)
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (OSWER 9240.1-51, EPA 540-R-10-011, January 2010).

Specific criteria for QC limits were obtained from the master QAPP. Compliance with the project QA program is indicated in the checklist and tables below. Any major or minor concerns affecting data usability are listed below. The checklist and tables also indicate whether data qualification is required and/or the type of qualifier assigned.

Reference:

ProjectID	Lab Work Order
002699.ID25	11L0394

Table 1 Sample Summary Tables from Electronic Data Deliverable

Work Order	Matrix	Sample ID	Lab ID	Sample Date	MS/MSD	ID Corrections
11L0394	GW	PW21-100	11L0394-02	12/08/2011	MS/MSD	
11L0394	GW	PW21-125	11L0394-03	12/08/2011		
11L0394	GW	PW21-150	11L0394-04	12/08/2011		
11L0394	GW	PW21-175	11L0394-05	12/08/2011		
11L0394	GW	TB-120811	11L0394-01	12/08/2011		

General Sample Information	
Do Samples and Analyses on COC check against Lab Sample Tracking Form?	Yes
Did coolers arrive at lab between 2 and 6^{o}C and in good condition as indicated on COC and Cooler Receipt Form?	Yes
Frequency of Field QC Samples Correct? Field Duplicate - 1/20 samples Trip Blank - Every cooler with VOCs waters only Equipment Blank - 1/ set of samples per day?	Yes – No field duplicate samples included with this SDG.
All ASP Forms complete?	Yes
Case narrative present and complete?	Yes
Any holding time violations (See table below)?	No

The following tables are presented at the end of this DUSR and provide summaries of results outside QC criteria.

- Method Blanks Results (Table 2)
- Surrogates Outside Limits (Table 3)
- MS/MSD Outside Limits (Table 4)
- LCS Outside Limits (Table 5)
- Re-analysis Results (Table 6)
- Field Duplicate Results (Table 7)

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Go to Tables List

Volatile Organics by GC/MS	
Description	**Notes and Qualifiers**
Any compounds present in method, trip and field blanks (see Table 2)?	No
For samples, if results are <5 times the blank or < 10 times blank for common laboratory contaminants then "U" flag data. Qualification also applies to TICs.	No results qualified based on blank contamination.
Surrogate for method blanks and LCS within limits?	Yes
Are surrogates for samples and MS/MSD within limits? (See Table 3). If not, were all samples reanalyzed for VOCs? Semivolatile samples should reanalyzed if more than one base-neutral and/or more than one acid phase compound for semivolatiles is out. Matrix effects should be established.	Yes
Is Laboratory QC frequency at least one blank and LCS with each batch and one set of MS/MSD per 20 samples?	Yes
Is MS/MSD within QC criteria (see Table 4)? If out and LCS is compliant, then "J" flag positive data in original sample due to matrix.	No - Recoveries and duplicate recoveries outside of control limits for several compounds; detected compounds qualified with J; nondetected compounds not qualified or qualified UJ for parent sample only.
Is LCS within QC criteria (see Table 5)? If out, and the recovery is high with no positive values, then no data qualification is required.	No – Laboratory fortified blank/laboratory control sample recovery and/or duplicate recovery outside of control limits for methylene chloride; detected compounds qualified with J; nondetected compounds qualified with UJ (low bias).
Calibrations, response factors, retention times, and instrument tunes within acceptance limits? Use professional judgment for qualification.	No – average response factors for 1,4-dioxane and tert-butyl alcohol (TBA) were below criteria; all results for both compounds are ND, biased low; qualified with UJ.
Were any samples re-analyzed or diluted (see Table 6)? For any sample re-analysis and dilutions is only one reportable result flagged?	No
For TICs are there any system related compounds that should not be reported?	No
Do field duplicate results show good precision for all compounds except TICs (see Table 7)?	No field duplicates were included with this SDG.

Summary of Potential Impacts on Data Usability
Major Concerns
None
Minor Concerns
LCS/LCSD and MS/MSD recoveries outside of acceptance limits; bias due to RF. All data is usable for the project.

Table 2 - List of Positive Results for Blank Samples
None

Table 2A - List of Samples Qualified for Method Blank Contamination
None

Table 2B - List of Samples Qualified for Field Blank Contamination
None

Table 3 - List of Samples with Surrogates outside Control Limits
None

Table 4 - List MS/MSD Recoveries and RPDs outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	Sample Qualifier
8260C	PW21-100MS1	1,4-DIOXANE (P-DIOXANE)	0	100	148	1	70	130	J/none
8260C	PW21-100MS1	BROMOMETHANE	0	10	52.4	1	70	130	J/UJ
8260C	PW21-100MS1	CHLOROMETHANE	0	10	66	1	70	130	J/UJ
8260C	PW21-100MS1	DICHLORODIFLUOROMETHANE	0	10	68.1	1	70	130	J/UJ
8260C	PW21-100MS1	ISOPROPYLBENZENE (CUMENE)	0	10	139	1	70	130	J/none
8260C	PW21-100MS1	METHYLENE CHLORIDE	0	10	59.7	1	70	130	J/UJ
8260C	PW21-100MS1	VINYL CHLORIDE	0	10	69.9	1	70	130	J/UJ
8260C	PW21-100MSD1	1,1,2,2-TETRACHLOROETHANE	0	10	131	1	70	130	J/none
8260C	PW21-100MSD1	1,4-DIOXANE (P-DIOXANE)	0	100	170	1	70	130	J/none
8260C	PW21-100MSD1	BROMOMETHANE	0	10	59.6	1	70	130	J/UJ
8260C	PW21-100MSD1	CHLOROMETHANE	0	10	67.7	1	70	130	J/UJ
8260C	PW21-100MSD1	DICHLORODIFLUOROMETHANE	0	10	68.8	1	70	130	J/UJ
8260C	PW21-100MSD1	ISOPROPYLBENZENE (CUMENE)	0	10	141	1	70	130	J/none
8260C	PW21-100MSD1	METHYLENE CHLORIDE	0	10	59.4	1	70	130	J/UJ
8260C	PW21-100MSD1	VINYL CHLORIDE	0	10	69.4	1	70	130	J/UJ

Data Usability Summary Report	Project: Farmingdale Plaza Cleaners
Date Completed: February 3, 2012	Completed by: J. Z. Christopher

Table 5 - List LCS Recoveries outside Control Limits

Method	Sample ID	Analyte	Orig Result	Spike Added	% Rec	Dilution Factor	Low Limit	High Limit	LCSD RPD (limit is 25)	Sample Qualifier
8260C	B043044-BS1	METHYLENE CHLORIDE	0	10	67.5	1	70	130		J/none
8260C	B043044-BSD1	METHYLENE CHLORIDE	0	10	62.9	1	70	130	7.06	J/none

Table 6 –Samples that were Reanalyzed
None

Table 7 – Summary of Field Duplicate Results
None

Acronym List and Table Key:

A	=	original analyte
ASP	=	Analytical Services Protocol
COC	=	chain of custody
DUSR	=	data usability summary report
GC/MS	=	gas chromatography / mass spectrometry
LCS	=	laboratory control sample
MBLK	=	method blank
MS	=	matrix spike
MSD	=	matrix spike duplicate
NC	=	not calculated
ND	=	not detected
NYSDEC	=	New York State Department of Environmental Conservation
PQL	=	practical quantitation limit
QA	=	quality assurance
QAPP	=	quality assurance project plan
QC	=	quality control
RPD	=	relative percent difference
SDG	=	sample delivery group
TIC	=	tentatively identified compound

VOC = volatile organic compound

Data Package

con-test®
ANALYTICAL LABORATORY

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

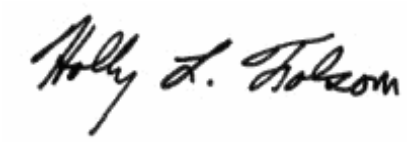
December 14, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0105

Enclosed are results of analyses for samples received by the laboratory on December 2, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/14/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0105

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120111	11L0105-01	Water		SW-846 8260C	
PW20-100	11L0105-02	Ground Water		SW-846 8260C	
PW20-125	11L0105-03	Ground Water		SW-846 8260C	
PW20-125D	11L0105-04	Ground Water		SW-846 8260C	
PW20-150	11L0105-05	Ground Water		SW-846 8260C	
PW20-175	11L0105-06	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Elevated method reporting limit due to insufficient sample volume

Analyte & Samples(s) Qualified:

11L0105-06[PW20-175]

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Carbon Disulfide

B042460-BS1, B042460-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP)

11L0105-01[TB-120111], 11L0105-02[PW20-100], 11L0105-03[PW20-125], 11L0105-04[PW20-125D], 11L0105-05[PW20-150], 11L0105-06[PW20-175], B042460-BLK1, B042460-BS1, B042460-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0105-01[TB-120111], 11L0105-02[PW20-100], 11L0105-03[PW20-125], 11L0105-04[PW20-125D], 11L0105-05[PW20-150], 11L0105-06[PW20-175], B042460-BLK1, B042460-BS1, B042460-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Bromochloromethane

B042460-BS1, B042460-BSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: TB-120111 | Sampled: 12/1/2011 07:40

Sample ID: 11L0105-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: TB-120111 | Sampled: 12/1/2011 07:40

Sample ID: 11L0105-01

Sample Matrix: Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 12:16	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/12/11 12:16
Toluene-d8	98.6	70-130		12/12/11 12:16
4-Bromofluorobenzene	90.9	70-130		12/12/11 12:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-100 | Sampled: 12/1/2011 07:45

Sample ID: 11L0105-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Dichlorodifluoromethane (Freon 12)	5.6	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloroethane	7.7	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-100 | Sampled: 12/1/2011 07:45

Sample ID: 11L0105-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Methyl tert-Butyl Ether (MTBE)	4.3	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 15:48	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	111	70-130		12/12/11 15:48
Toluene-d8	101	70-130		12/12/11 15:48
4-Bromofluorobenzene	96.3	70-130		12/12/11 15:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125 | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromodichloromethane	1.3	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chlorodibromomethane	1.1	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125 | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Toluene	1.2	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:18	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	105	70-130		12/12/11 16:18
Toluene-d8	106	70-130		12/12/11 16:18
4-Bromofluorobenzene	111	70-130		12/12/11 16:18

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125D | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromodichloromethane	1.2	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chlorodibromomethane	0.98	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-125D | Sampled: 12/1/2011 10:40

Sample ID: 11L0105-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Toluene	1.5	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 16:48	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	107	70-130		12/12/11 16:48
Toluene-d8	99.8	70-130		12/12/11 16:48
4-Bromofluorobenzene	103	70-130		12/12/11 16:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-150 | Sampled: 12/1/2011 12:50

Sample ID: 11L0105-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-150 | Sampled: 12/1/2011 12:50

Sample ID: 11L0105-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/9/11	12/12/11 17:19	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	109	70-130		12/12/11 17:19
Toluene-d8	98.4	70-130		12/12/11 17:19
4-Bromofluorobenzene	98.3	70-130		12/12/11 17:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-175 | Sampled: 12/1/2011 14:50

Sample ID: 11L0105-06

Sample Matrix: Ground Water

Sample Flags: DL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	10000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Acrylonitrile	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Amyl Methyl Ether (TAME)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Benzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromochloromethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromodichloromethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromoform	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Bromomethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Butanone (MEK)	ND	4000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butyl Alcohol (TBA)	ND	4000	µg/L	200	V-16	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
n-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
sec-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Carbon Disulfide	ND	800	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Carbon Tetrachloride	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chlorodibromomethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloroethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloroform	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Chloromethane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
4-Chlorotoluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	1000	µg/L	200	V-05	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dibromoethane (EDB)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Dibromomethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,4-Dichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,4-Dichloro-2-butene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Dichlorodifluoromethane (Freon 12)	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
cis-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,2-Dichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3-Dichloropropane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2,2-Dichloropropane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1-Dichloropropene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
cis-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
trans-1,3-Dichloropropene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0105

Date Received: 12/2/2011

Field Sample #: PW20-175 | Sampled: 12/1/2011 14:50

Sample ID: 11L0105-06

Sample Matrix: Ground Water

Sample Flags: DL-02

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Diisopropyl Ether (DIPE)	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,4-Dioxane	ND	10000	µg/L	200	V-16	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Ethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Hexachlorobutadiene	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
2-Hexanone (MBK)	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Isopropylbenzene (Cumene)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
p-Isopropyltoluene (p-Cymene)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Methyl tert-Butyl Ether (MTBE)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Methylene Chloride	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
4-Methyl-2-pentanone (MIBK)	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Naphthalene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
n-Propylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Styrene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,1,2-Tetrachloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2,2-Tetrachloroethane	ND	100	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Tetrachloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Tetrahydrofuran	ND	2000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Toluene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,3-Trichlorobenzene	ND	1000	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,4-Trichlorobenzene	ND	200	µg/L	200	V-05	SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3,5-Trichlorobenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,1-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2-Trichloroethane	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Trichloroethylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Trichlorofluoromethane (Freon 11)	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,3-Trichloropropane	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,2,4-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
1,3,5-Trimethylbenzene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
Vinyl Chloride	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
m+p Xylene	ND	400	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR
o-Xylene	ND	200	µg/L	200		SW-846 8260C	12/9/11	12/12/11 17:49	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	112	70-130		12/12/11 17:49
Toluene-d8	98.2	70-130		12/12/11 17:49
4-Bromofluorobenzene	85.9	70-130		12/12/11 17:49

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0105-01 [TB-120111]	B042460	5	5.00	12/09/11
11L0105-02 [PW20-100]	B042460	5	5.00	12/09/11
11L0105-03 [PW20-125]	B042460	5	5.00	12/09/11
11L0105-04 [PW20-125D]	B042460	5	5.00	12/09/11
11L0105-05 [PW20-150]	B042460	5	5.00	12/09/11
11L0105-06 [PW20-175]	B042460	0.025	5.00	12/09/11
11L0105-06 [PW20-175]	B042460	5	5.00	12/09/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042460 - SW-846 5030B										
Blank (B042460-BLK1)				Prepared: 12/09/11 Analyzed: 12/12/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							V-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B												
Blank (B042460-BLK1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L								V-05	
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*25.1*		µg/L	25.0		101		70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*26.9*		µg/L	25.0		108		70-130				
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Acetone	135	50	µg/L	100		135		70-160				†
Acrylonitrile	9.98	5.0	µg/L	10.0		99.8		70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105		70-130				
Benzene	10.5	1.0	µg/L	10.0		105		70-130				
Bromobenzene	11.2	1.0	µg/L	10.0		112		70-130				
Bromochloromethane	12.1	1.0	µg/L	10.0		121		70-130			V-20	
Bromodichloromethane	9.55	0.50	µg/L	10.0		95.5		70-130				
Bromoform	13.0	1.0	µg/L	10.0		130		70-130				
Bromomethane	6.40	2.0	µg/L	10.0		64.0		40-160				†
2-Butanone (MEK)	131	20	µg/L	100		131		40-160				†
tert-Butyl Alcohol (TBA)	114	20	µg/L	100		114		40-160			V-16	†
n-Butylbenzene	9.88	1.0	µg/L	10.0		98.8		70-130				
sec-Butylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
tert-Butylbenzene	9.92	1.0	µg/L	10.0		99.2		70-130				
tert-Butyl Ethyl Ether (TBEE)	10.5	0.50	µg/L	10.0		105		70-130				
Carbon Disulfide	13.4	4.0	µg/L	10.0		**134**	*	70-130			L-02	
Carbon Tetrachloride	10.9	5.0	µg/L	10.0		109		70-130				
Chlorobenzene	10.7	1.0	µg/L	10.0		107		70-130				
Chlorodibromomethane	10.1	0.50	µg/L	10.0		101		70-130				
Chloroethane	9.21	2.0	µg/L	10.0		92.1		70-130				
Chloroform	11.4	2.0	µg/L	10.0		114		70-130				
Chloromethane	10.5	2.0	µg/L	10.0		105		40-160				†
2-Chlorotoluene	10.3	1.0	µg/L	10.0		103		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B											
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11							
4-Chlorotoluene	12.7	1.0	µg/L	10.0		127	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	8.94	5.0	µg/L	10.0		89.4	70-130			V-05	
1,2-Dibromoethane (EDB)	9.53	0.50	µg/L	10.0		95.3	70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichlorobenzene	9.88	1.0	µg/L	10.0		98.8	70-130				
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130				
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130				
trans-1,4-Dichloro-2-butene	13.0	2.0	µg/L	10.0		130	70-130				
Dichlorodifluoromethane (Freon 12)	9.83	2.0	µg/L	10.0		98.3	40-160				†
1,1-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dichloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,1-Dichloroethylene	8.61	1.0	µg/L	10.0		86.1	70-130				
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130				
1,2-Dichloropropane	10.9	1.0	µg/L	10.0		109	70-130				
1,3-Dichloropropane	9.77	0.50	µg/L	10.0		97.7	70-130				
2,2-Dichloropropane	11.7	1.0	µg/L	10.0		117	40-130				†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130				
cis-1,3-Dichloropropene	11.3	0.50	µg/L	10.0		113	70-130				
trans-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110	70-130				
Diethyl Ether	10.8	2.0	µg/L	10.0		108	70-130				
Diisopropyl Ether (DIPE)	10.9	0.50	µg/L	10.0		109	70-130				
1,4-Dioxane	121	50	µg/L	100		121	40-130			V-16	†
Ethylbenzene	11.0	1.0	µg/L	10.0		110	70-130				
Hexachlorobutadiene	9.69	0.50	µg/L	10.0		96.9	70-130				
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160				†
Isopropylbenzene (Cumene)	12.5	1.0	µg/L	10.0		125	70-130				
p-Isopropyltoluene (p-Cymene)	10.7	1.0	µg/L	10.0		107	70-130				
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0		100	70-130				
Methylene Chloride	8.54	5.0	µg/L	10.0		85.4	70-130				
4-Methyl-2-pentanone (MIBK)	107	10	µg/L	100		107	70-160				†
Naphthalene	9.85	2.0	µg/L	10.0		98.5	40-130				†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130				
Styrene	11.9	1.0	µg/L	10.0		119	70-130				
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0		109	70-130				
1,1,2,2-Tetrachloroethane	12.5	0.50	µg/L	10.0		125	70-130				
Tetrachloroethylene	9.16	1.0	µg/L	10.0		91.6	70-130				
Tetrahydrofuran	11.9	10	µg/L	10.0		119	70-130				
Toluene	9.43	1.0	µg/L	10.0		94.3	70-130				
1,2,3-Trichlorobenzene	9.37	5.0	µg/L	10.0		93.7	70-130				
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130			V-05	
1,3,5-Trichlorobenzene	7.70	1.0	µg/L	10.0		77.0	70-130				
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.0		113	70-130				
1,1,2-Trichloroethane	8.50	1.0	µg/L	10.0		85.0	70-130				
Trichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
Trichlorofluoromethane (Freon 11)	10.7	2.0	µg/L	10.0		107	70-130				
1,2,3-Trichloropropane	12.8	2.0	µg/L	10.0		128	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.47	1.0	µg/L	10.0		84.7	70-130				
1,2,4-Trimethylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130				
1,3,5-Trimethylbenzene	12.2	1.0	µg/L	10.0		122	70-130				
Vinyl Chloride	8.75	2.0	µg/L	10.0		87.5	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B												
LCS (B042460-BS1)				Prepared: 12/09/11 Analyzed: 12/12/11								
m+p Xylene	22.0	2.0	µg/L	20.0		110		70-130				
o-Xylene	11.8	1.0	µg/L	10.0		118		70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*22.7*		µg/L	25.0		90.7		70-130				
Surrogate: 4-Bromofluorobenzene	*29.6*		µg/L	25.0		119		70-130				
LCS Dup (B042460-BSD1)				Prepared: 12/09/11 Analyzed: 12/12/11								
Acetone	115	50	µg/L	100		115		70-160	16.2	25		†
Acrylonitrile	8.94	5.0	µg/L	10.0		89.4		70-130	11.0	25		
tert-Amyl Methyl Ether (TAME)	10.4	0.50	µg/L	10.0		104		70-130	0.953	25		
Benzene	11.4	1.0	µg/L	10.0		114		70-130	7.50	25		
Bromobenzene	10.6	1.0	µg/L	10.0		106		70-130	5.86	25		
Bromochloromethane	12.8	1.0	µg/L	10.0		128		70-130	5.70	25	V-20	
Bromodichloromethane	9.20	0.50	µg/L	10.0		92.0		70-130	3.73	25		
Bromoform	10.7	1.0	µg/L	10.0		107		70-130	19.3	25		
Bromomethane	7.16	2.0	µg/L	10.0		71.6		40-160	11.2	25		†
2-Butanone (MEK)	118	20	µg/L	100		118		40-160	10.4	25		†
tert-Butyl Alcohol (TBA)	90.3	20	µg/L	100		90.3		40-160	23.3	25	V-16	†
n-Butylbenzene	9.17	1.0	µg/L	10.0		91.7		70-130	7.45	25		
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104		70-130	6.14	25		
tert-Butylbenzene	10.8	1.0	µg/L	10.0		108		70-130	8.03	25		
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106		70-130	1.23	25		
Carbon Disulfide	13.2	4.0	µg/L	10.0		**132**	*	70-130	1.51	25	L-02	
Carbon Tetrachloride	10.8	5.0	µg/L	10.0		108		70-130	0.184	25		
Chlorobenzene	10.5	1.0	µg/L	10.0		105		70-130	1.97	25		
Chlorodibromomethane	11.5	0.50	µg/L	10.0		115		70-130	13.4	25		
Chloroethane	9.21	2.0	µg/L	10.0		92.1		70-130	0.00	25		
Chloroform	11.7	2.0	µg/L	10.0		117		70-130	2.25	25		
Chloromethane	10.6	2.0	µg/L	10.0		106		40-160	1.52	25		†
2-Chlorotoluene	11.2	1.0	µg/L	10.0		112		70-130	8.67	25		
4-Chlorotoluene	11.0	1.0	µg/L	10.0		110		70-130	15.0	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.24	5.0	µg/L	10.0		82.4		70-130	8.15	25	V-05	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103		70-130	7.57	25		
Dibromomethane	10.5	1.0	µg/L	10.0		105		70-130	3.00	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	7.22	25		
1,3-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	5.88	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	4.72	25		
trans-1,4-Dichloro-2-butene	10.7	2.0	µg/L	10.0		107		70-130	19.1	25		
Dichlorodifluoromethane (Freon 12)	8.90	2.0	µg/L	10.0		89.0		40-160	9.93	25		†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130	3.00	25		
1,2-Dichloroethane	11.0	1.0	µg/L	10.0		110		70-130	0.271	25		
1,1-Dichloroethylene	8.26	1.0	µg/L	10.0		82.6		70-130	4.15	25		
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130	4.38	25		
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101		70-130	0.197	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		70-130	0.549	25		
1,3-Dichloropropane	11.1	0.50	µg/L	10.0		111		70-130	12.7	25		
2,2-Dichloropropane	11.8	1.0	µg/L	10.0		118		40-130	1.62	25		†
1,1-Dichloropropene	11.8	2.0	µg/L	10.0		118		70-130	7.90	25		
cis-1,3-Dichloropropene	12.0	0.50	µg/L	10.0		120		70-130	6.36	25		
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128		70-130	14.4	25		
Diethyl Ether	9.81	2.0	µg/L	10.0		98.1		70-130	10.1	25		
Diisopropyl Ether (DIPE)	11.2	0.50	µg/L	10.0		112		70-130	3.26	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042460 - SW-846 5030B											
LCS Dup (B042460-BSD1)				Prepared: 12/09/11 Analyzed: 12/12/11							
1,4-Dioxane	106	50	µg/L	100		106	40-130	13.8	50	V-16	† ‡
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	2.57	25		
Hexachlorobutadiene	9.95	0.50	µg/L	10.0		99.5	70-130	2.65	25		
2-Hexanone (MBK)	111	10	µg/L	100		111	70-160	3.85	25		†
Isopropylbenzene (Cumene)	12.7	1.0	µg/L	10.0		127	70-130	1.58	25		
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.0		113	70-130	5.45	25		
Methyl tert-Butyl Ether (MTBE)	8.96	1.0	µg/L	10.0		89.6	70-130	11.1	25		
Methylene Chloride	8.00	5.0	µg/L	10.0		80.0	70-130	6.53	25		
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104	70-160	2.40	25		†
Naphthalene	9.52	2.0	µg/L	10.0		95.2	40-130	3.41	25		†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130	5.46	25		
Styrene	11.3	1.0	µg/L	10.0		113	70-130	4.92	25		
1,1,1,2-Tetrachloroethane	10.2	1.0	µg/L	10.0		102	70-130	6.71	25		
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.0		103	70-130	19.1	25		
Tetrachloroethylene	10.1	1.0	µg/L	10.0		101	70-130	9.56	25		
Tetrahydrofuran	11.1	10	µg/L	10.0		111	70-130	7.65	25		
Toluene	10.7	1.0	µg/L	10.0		107	70-130	12.7	25		
1,2,3-Trichlorobenzene	9.28	5.0	µg/L	10.0		92.8	70-130	0.965	25		
1,2,4-Trichlorobenzene	8.87	1.0	µg/L	10.0		88.7	70-130	15.4	25	V-05	
1,3,5-Trichlorobenzene	8.45	1.0	µg/L	10.0		84.5	70-130	9.29	25		
1,1,1-Trichloroethane	11.9	1.0	µg/L	10.0		119	70-130	5.27	25		
1,1,2-Trichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	15.9	25		
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	1.42	25		
Trichlorofluoromethane (Freon 11)	10.2	2.0	µg/L	10.0		102	70-130	4.90	25		
1,2,3-Trichloropropane	10.4	2.0	µg/L	10.0		104	70-130	20.7	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.18	1.0	µg/L	10.0		81.8	70-130	3.48	25		
1,2,4-Trimethylbenzene	11.0	1.0	µg/L	10.0		110	70-130	14.8	25		
1,3,5-Trimethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	14.0	25		
Vinyl Chloride	8.10	2.0	µg/L	10.0		81.0	40-160	7.72	25		†
m+p Xylene	21.4	2.0	µg/L	20.0		107	70-130	2.71	25		
o-Xylene	11.1	1.0	µg/L	10.0		111	70-130	6.81	25		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*25.5*		µg/L	25.0		102	70-130				

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-02	Elevated method reporting limit due to insufficient sample volume
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Page 1 of 1

11L0105

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon / Rick Watt
Project Location: Farmingdale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project # 002699.ID25.03
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers (VOCs 8260B)	ANALYSIS REQUESTED
01	TB-120111	12/1/11	0740		X	DW	C	2	
02	PW20-100		0745		X	GW	L	3	
03	PW20-125		1040		X	GW	M	3	
04	PW20-125D		1040		X	GW	M	3	
05	PW20-150		1250		X	GW	M	3	
06	PW20-175		1450		X	GW	M	4	

H
V
** Preservation
***Container Code

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments:
The samples from PW20-175 have high sediment content.

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	12/1/11 1730
Received by: (signature)	Date/Time:
Paula Blakeborough	12-2-11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day See SOW
☒ Other
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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East Longmeadow, MA. 01028
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F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: Ecology + Enviro RECEIVED BY: PB DATE: 12-2-11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.6

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	17	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: Fed Ex# 1825 3561 28

40 mL vials: # HCl 17 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

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VOA

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VOLATILES SAMPLE DATA

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120111

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Laboratory ID:	11L0105-01	File ID:	VC346011.D
Sampled:	12/01/11 07:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 12:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346011.D Vial: 11
Acq On : 12 Dec 2011 12:16 pm Operator:
Sample : 11L0105-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	253358	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	366911	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	199754	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	176437	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	122400	25.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.96%			
49) TOLUENE SS	5.606	98	363487	24.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.64%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133915	22.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.92%			
Target Compounds						Qvalue
14) ACETONE	1.601	43	4456	3.27	UG/L	91
23) METHYLENE CHLORIDE	1.844	49	14444	1.47	UG/L	95
66) TETRACHLOROETHENE	6.197	166	2417	0.45	UG/L #	77

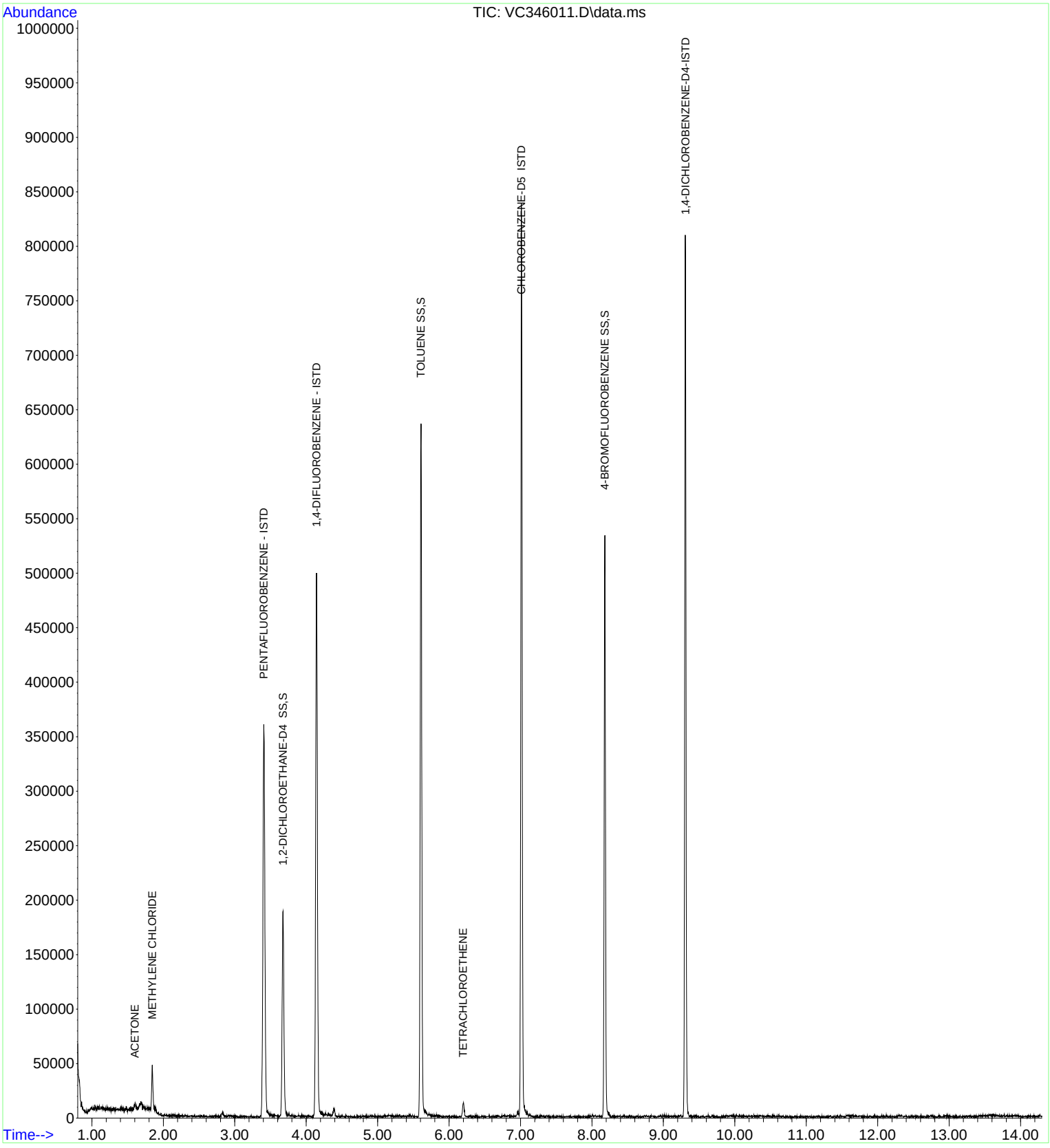
(#) = qualifier out of range (m) = manual integration (+) = signals summed

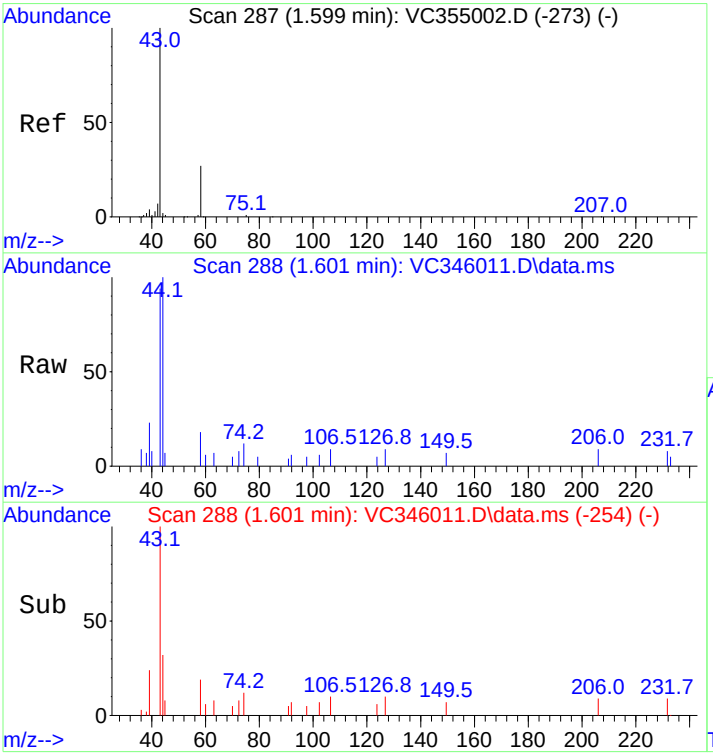
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346011.D
Acq On : 12 Dec 2011 12:16 pm
Sample : 11L0105-01 @ TB
Misc :
Quant Time: Dec 13 11:29:22 2011

Vial: 11
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

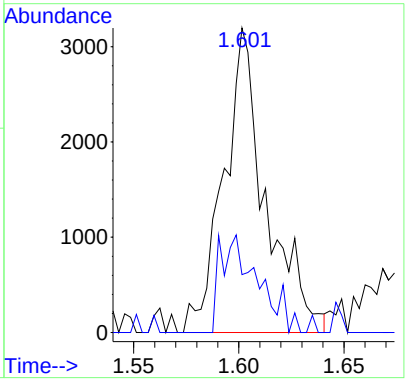


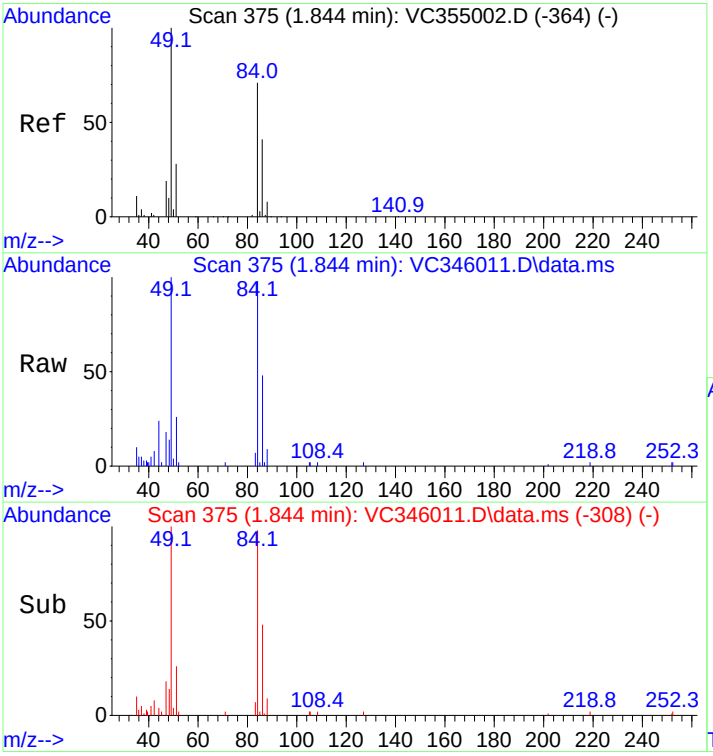


#14
ACETONE
Concen: 3.27 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion: 43 Resp: 4456

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.8	37.2

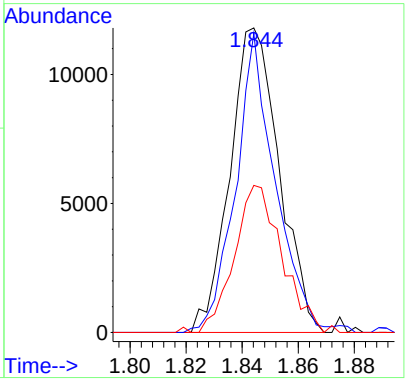


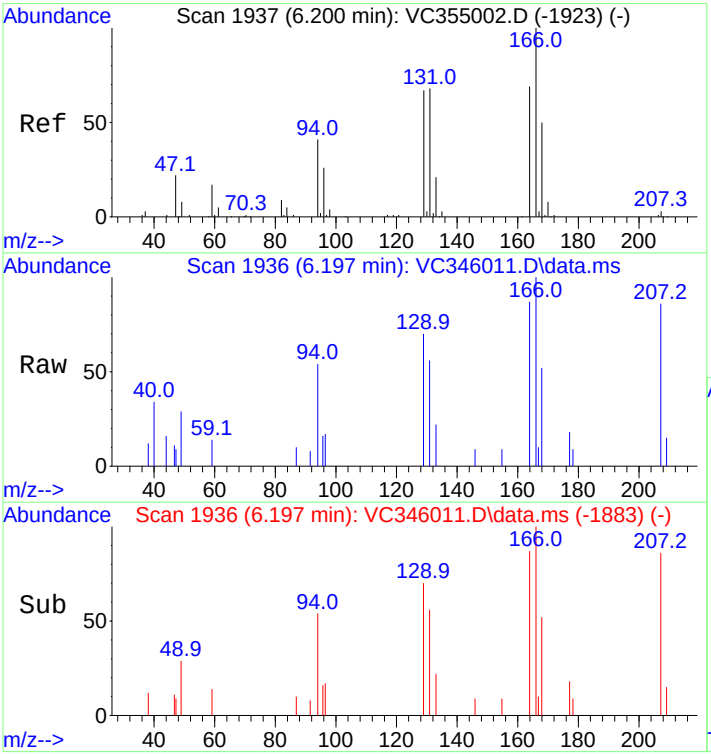


#23
METHYLENE CHLORIDE
Concen: 1.47 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion: 49 Resp: 14444

Ion	Ratio	Lower	Upper
49	100		
84	79.5	57.8	86.8
86	46.8	37.5	56.3

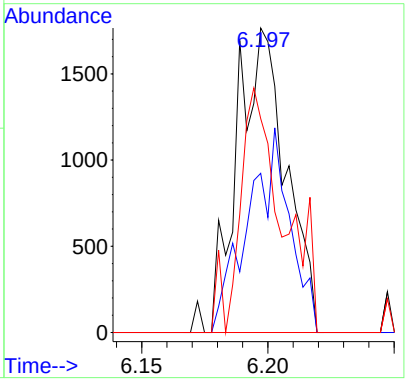




#66
TETRACHLOROETHENE
Concen: 0.45 UG/L
RT: 6.197 min Scan# 1936
Delta R.T. 0.003 min
Lab File: VC346011.D
Acq: 12 Dec 2011 12:16 pm

Tgt Ion:166 Resp: 2417

Ion	Ratio	Lower	Upper
166	100		
168	30.7	39.6	59.4#
129	53.8	55.6	83.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	5.6	0.040	2.0	
75-34-3	1,1-Dichloroethane	7.7	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	4.3	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-02	File ID:	VC346018.D
Sampled:	12/01/11 07:45	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 15:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346018.D Vial: 18
Acq On : 12 Dec 2011 3:48 pm Operator:
Sample : 11L0105-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:32:44 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	298739	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	422830	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	211802	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	202753	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	155411	27.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.84%				
49) TOLUENE SS	5.606	98	429950	25.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.24%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	150416	24.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38199	5.62	UG/L		98
14) ACETONE	1.602	43	9783	6.08	UG/L		97
17) IODOMETHANE	1.669	142	997	11.02	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	76542	4.30	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	85360	7.68	UG/L		97
31) 2-BUTANONE	2.879	43	2491m	1.20	UG/L		
35) ETHYL ACETATE	2.865	43	713	Below Cal		#	68
65) 2-HEXANONE	6.379	43	1727m	0.61	UG/L		

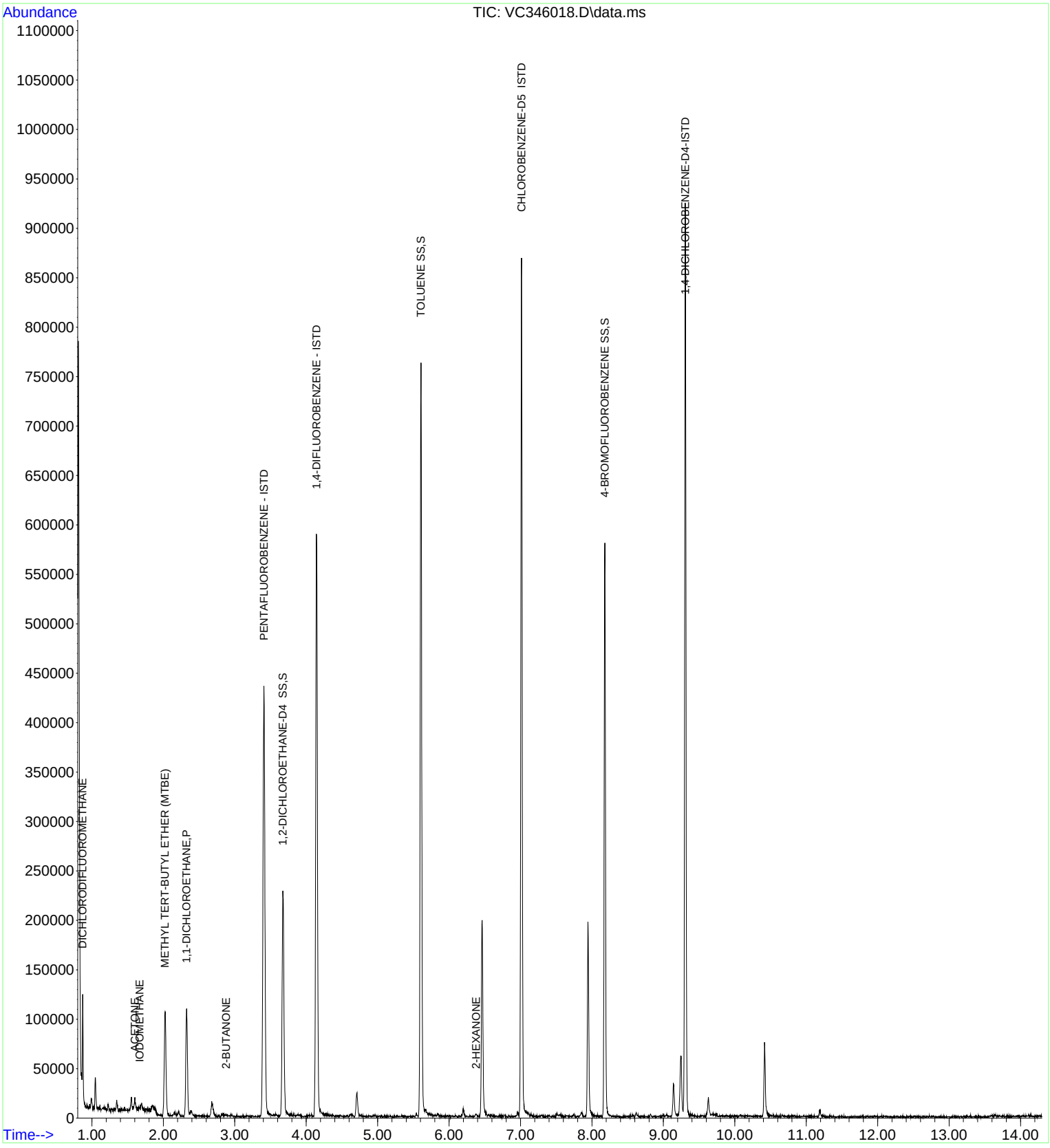
(#) = qualifier out of range (m) = manual integration (+) = signals summed

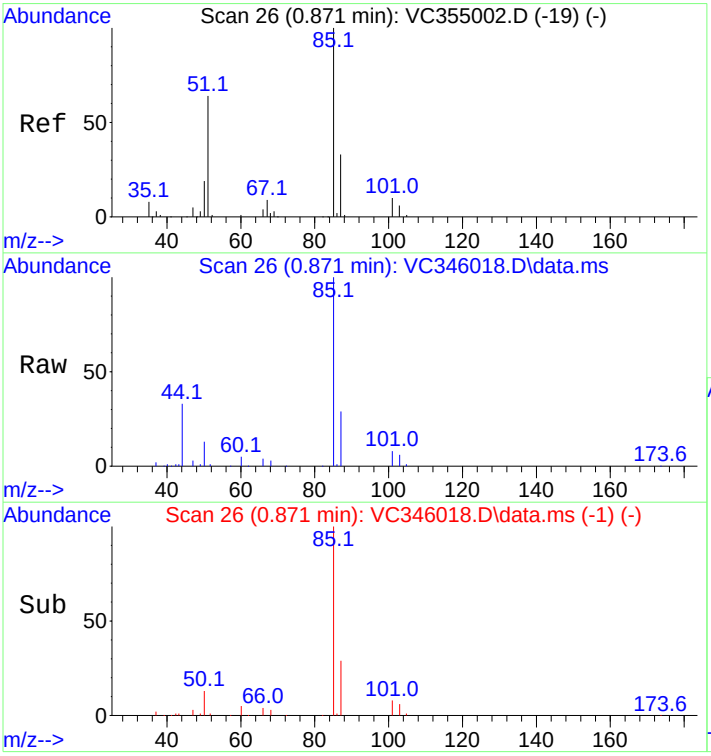
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346018.D
Acq On : 12 Dec 2011 3:48 pm
Sample : 11L0105-02
Misc :
Quant Time: Dec 13 11:32:44 2011

Vial: 18
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

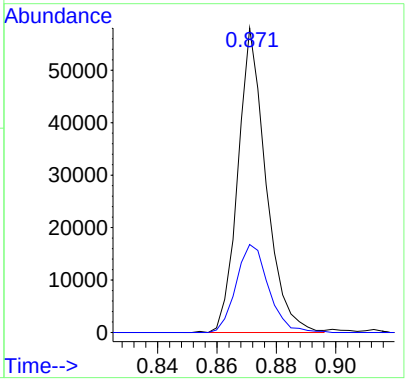


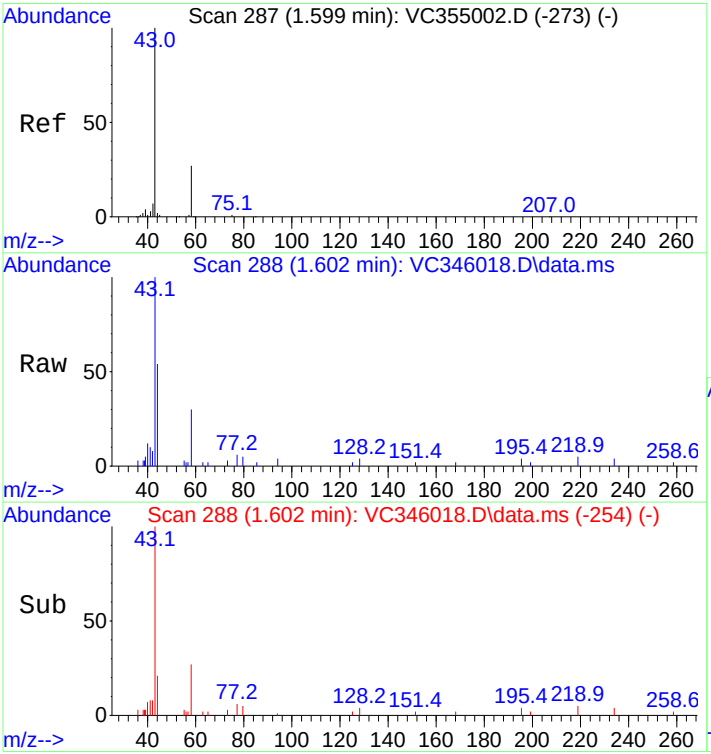


#3
DICHLORODIFLUOROMETHANE
Concen: 5.62 UG/L
RT: 0.871 min Scan# 26
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 85 Resp: 38199

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.0	39.0

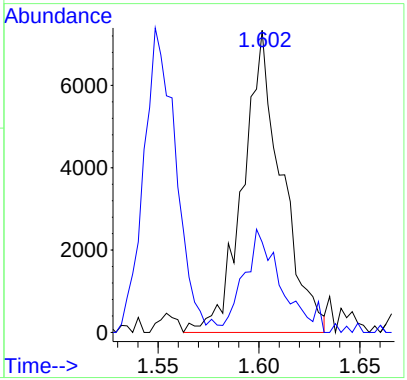


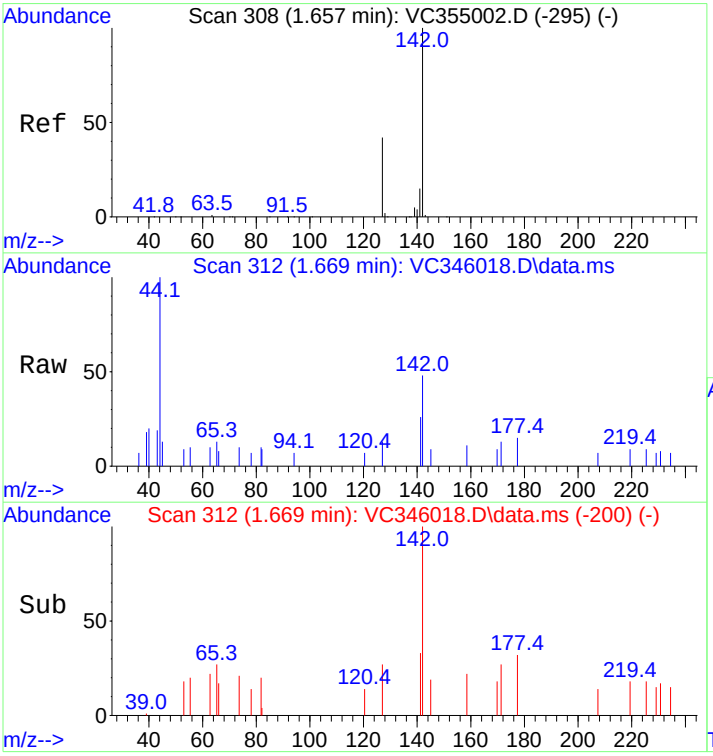


#14
ACETONE
Concen: 6.08 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 9783

Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.8	37.2

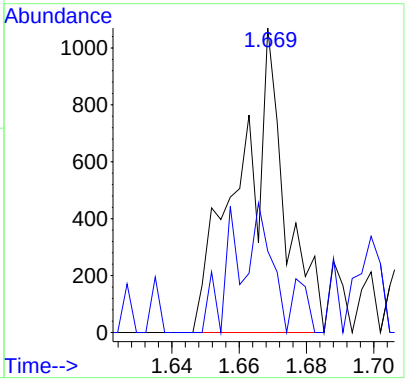


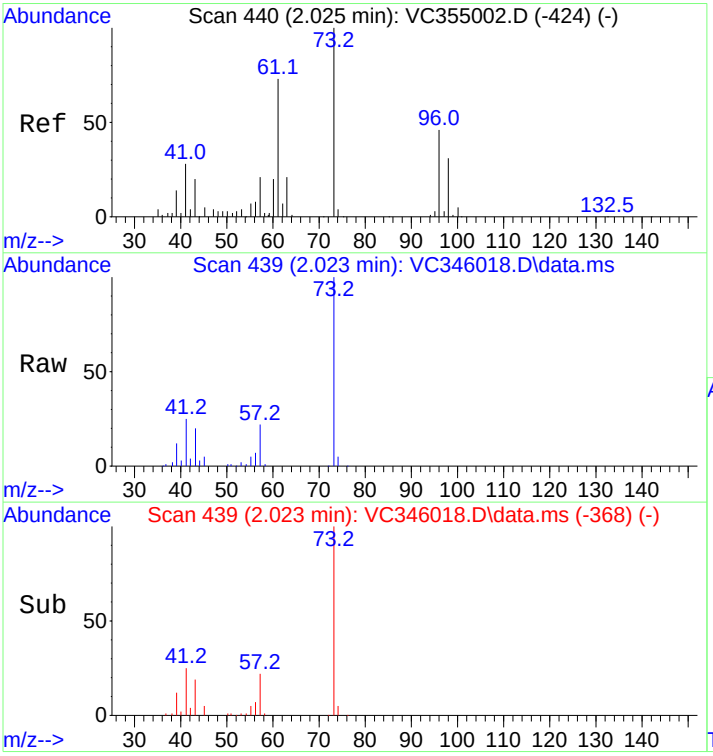


#17
IODOMETHANE
Concen: 11.02 UG/L
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion:142 Resp: 997

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

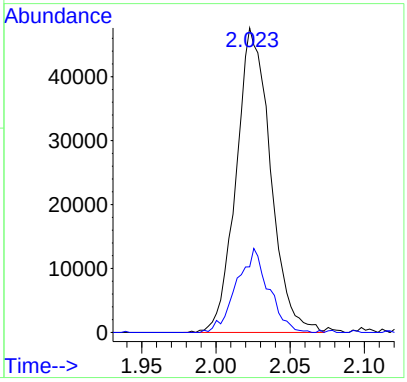


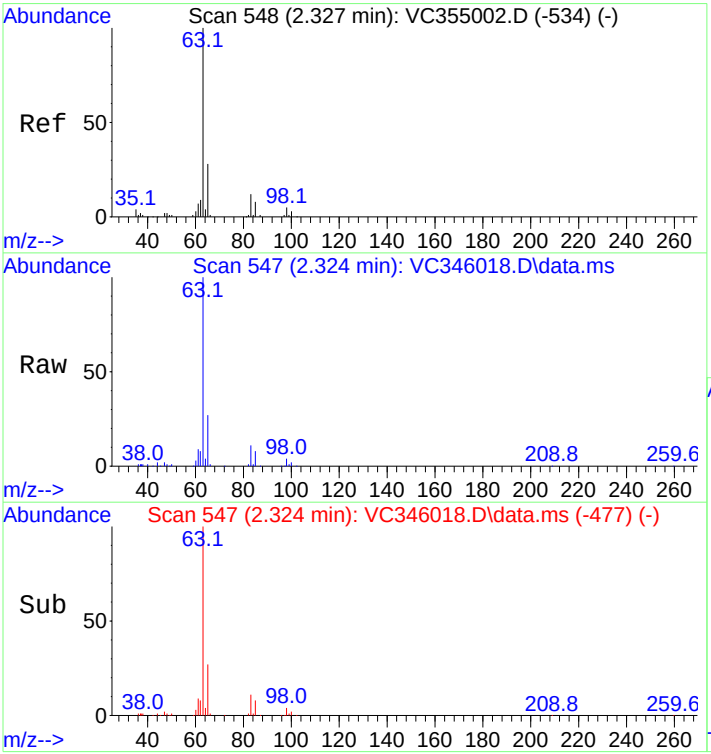


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 4.30 UG/L
RT: 2.023 min Scan# 439
Delta R.T. -0.002 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 73 Resp: 76542

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.2	27.4

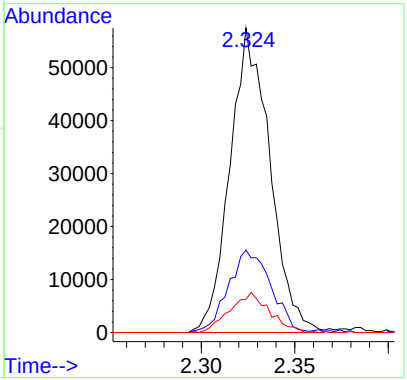


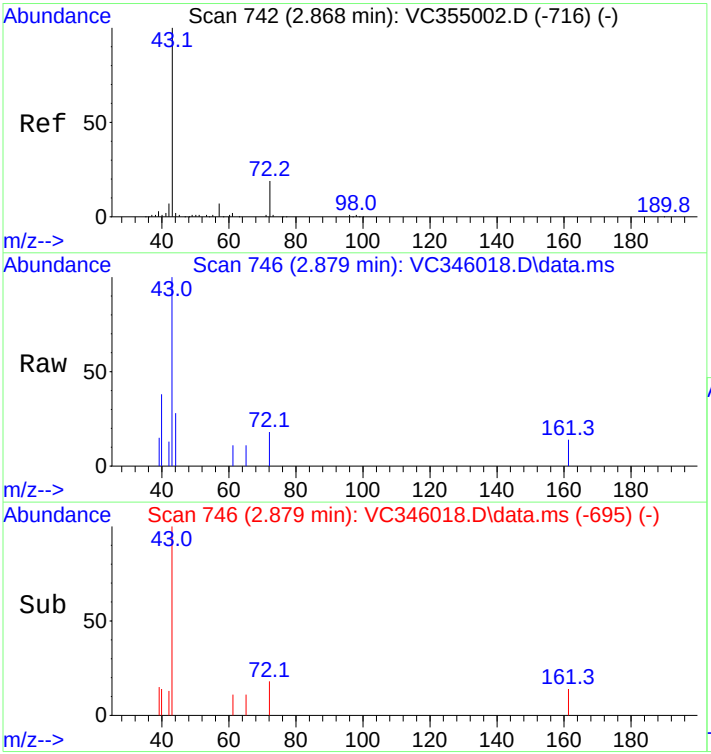


#27
1,1-DICHLOROETHANE
Concen: 7.68 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 63 Resp: 85360

Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.9	37.3
83	13.0	10.1	15.1

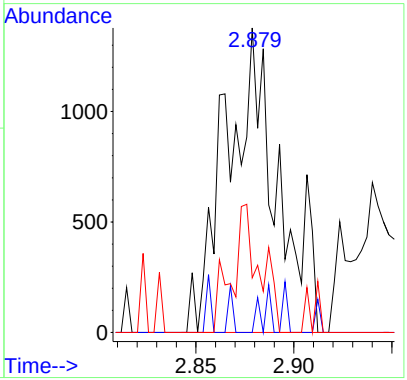


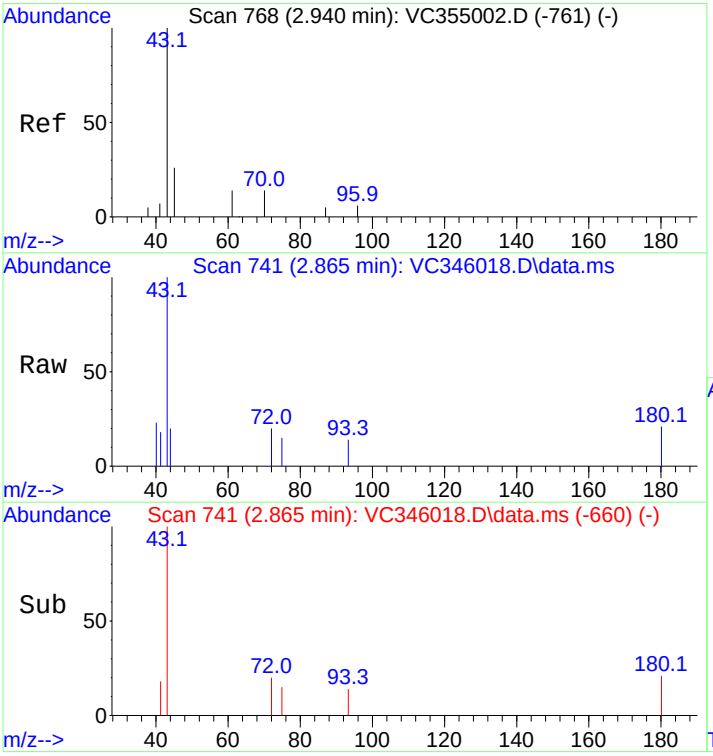


#31
2-BUTANONE
Concen: 1.20 UG/L m
RT: 2.879 min Scan# 746
Delta R.T. 0.008 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 2491

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	23.0	18.5	27.7

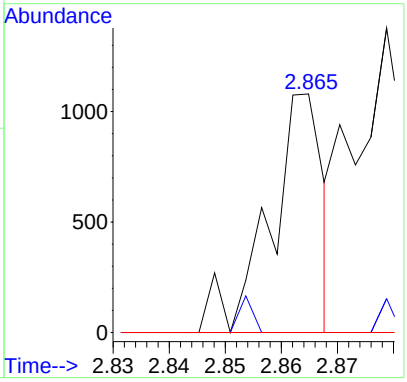


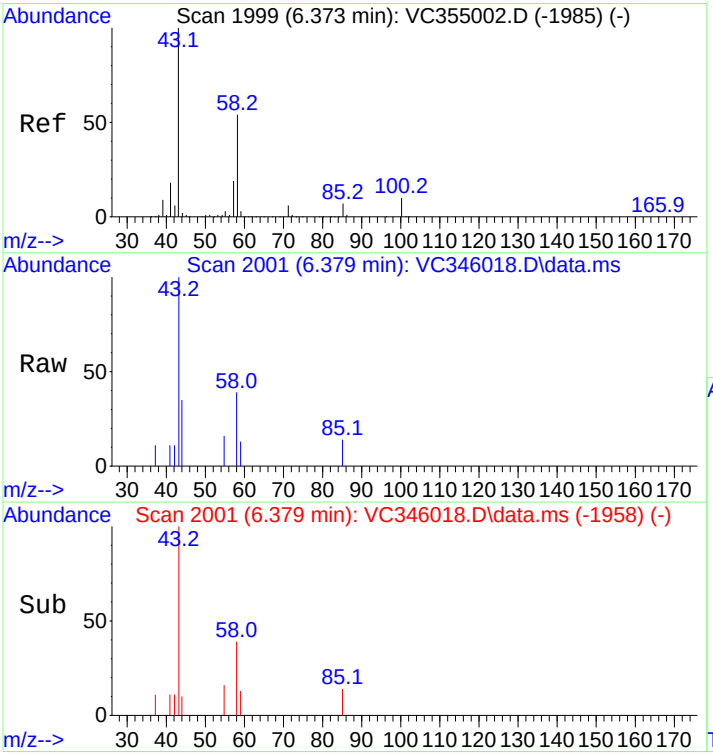


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.865 min Scan# 741
Delta R.T. -0.075 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 713

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

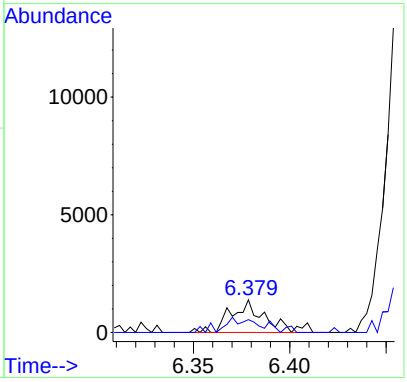




#65
2-HEXANONE
Concen: 0.61 UG/L m
RT: 6.379 min Scan# 2001
Delta R.T. 0.009 min
Lab File: VC346018.D
Acq: 12 Dec 2011 3:48 pm

Tgt Ion: 43 Resp: 1727

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.0	70.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane	1.3	0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane	1.1	0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-03	File ID:	VC346019.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:18
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346019.D Vial: 19
Acq On : 12 Dec 2011 4:18 pm Operator:
Sample : 11L0105-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:33:40 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

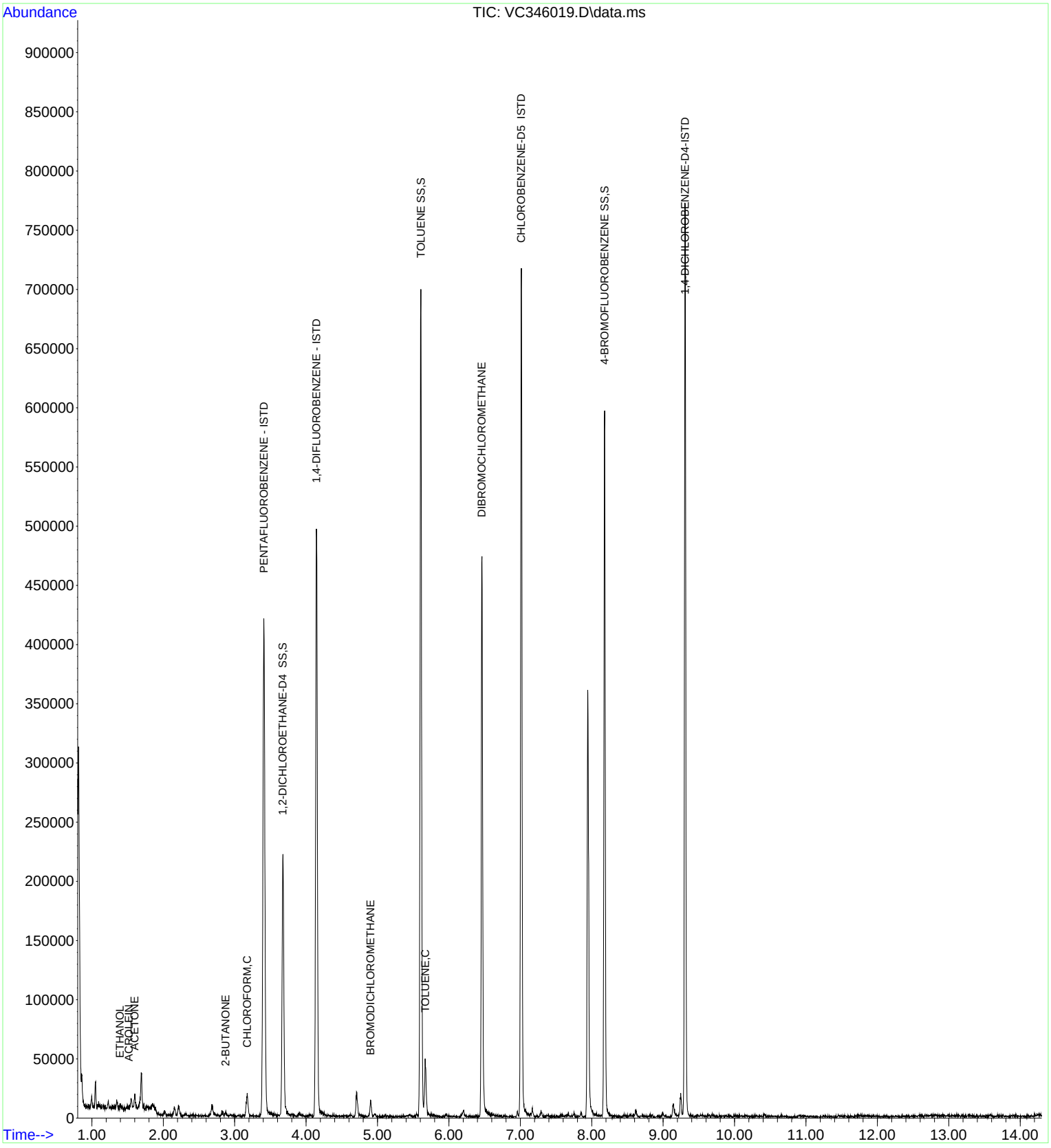
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	291486	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	365147	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	180995	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	170209	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	143374	26.20	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.80%				
49) TOLUENE SS	5.609	98	390057	26.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.36%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	148286	27.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.08%				
Target Compounds							Qvalue
11) ETHANOL	1.392	45	1756	32.84	UG/L	#	86
13) ACROLEIN	1.518	56	1292	16.64	UG/L		97
14) ACETONE	1.599	43	9855	6.28	UG/L		100
31) 2-BUTANONE	2.873	43	2560	1.26	UG/L	#	59
35) ETHYL ACETATE	2.951	43	761	Below Cal		#	68
40) CHLOROFORM	3.174	83	13130	1.32	UG/L		100
57) BROMODICHLOROMETHANE	4.901	83	7402	1.30	UG/L	#	92
61) TOLUENE	5.667	91	25030	1.20	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	4845	1.07	UG/L		96

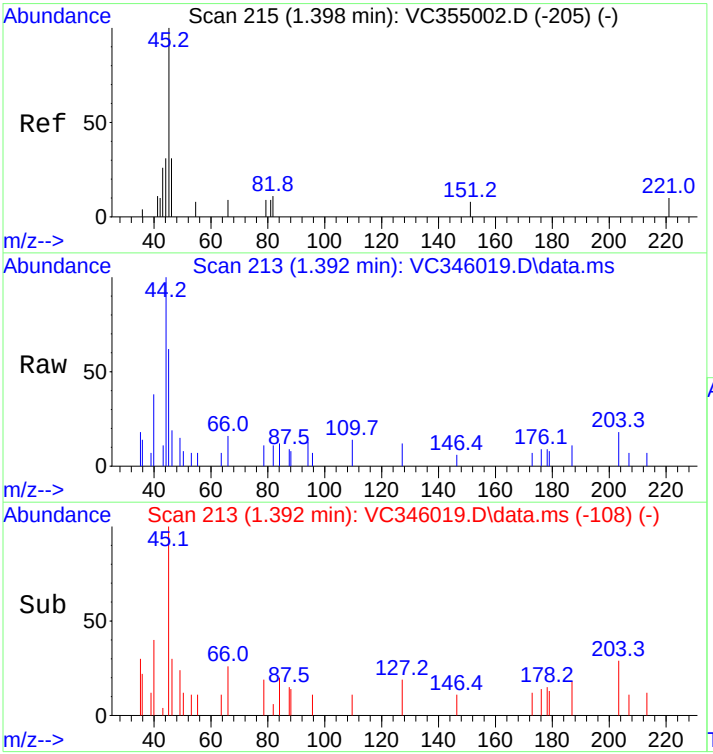
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121211\VC346019.D
Acq On : 12 Dec 2011 4:18 pm
Sample : 11L0105-03
Misc :
Quant Time: Dec 13 11:33:40 2011

Vial: 19
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

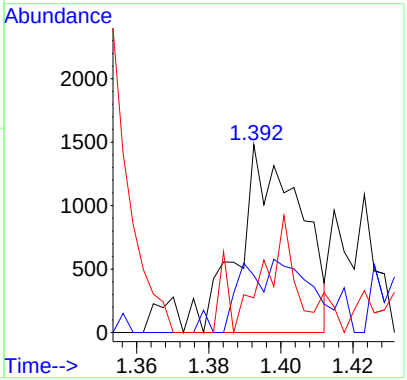


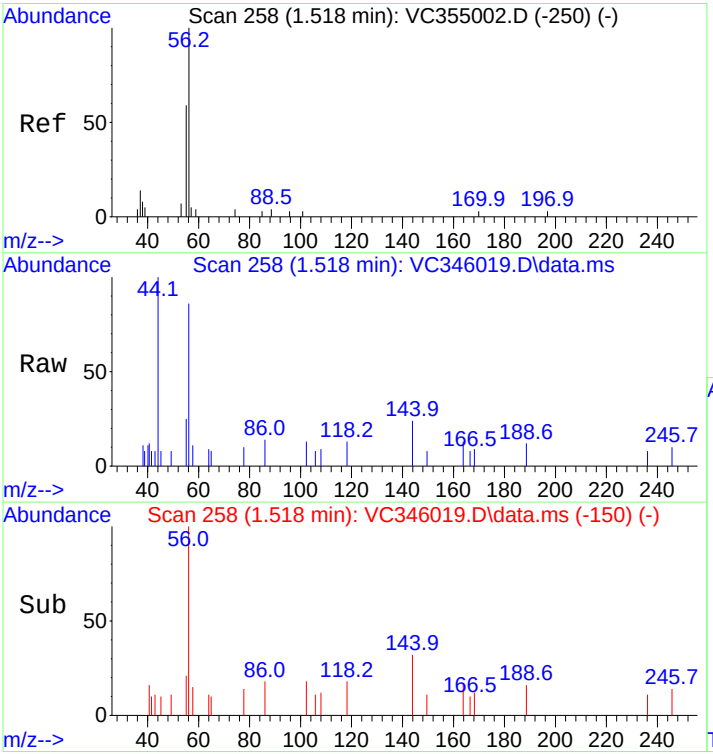


#11
ETHANOL
Concen: 32.84 UG/L
RT: 1.392 min Scan# 213
Delta R.T. -0.008 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 45 Resp: 1756

Ion	Ratio	Lower	Upper
45	100		
46	29.9	33.2	49.8#
43	30.1	27.7	41.5

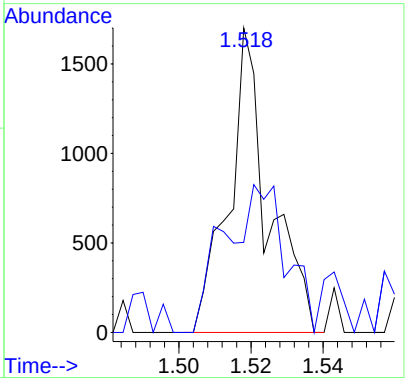


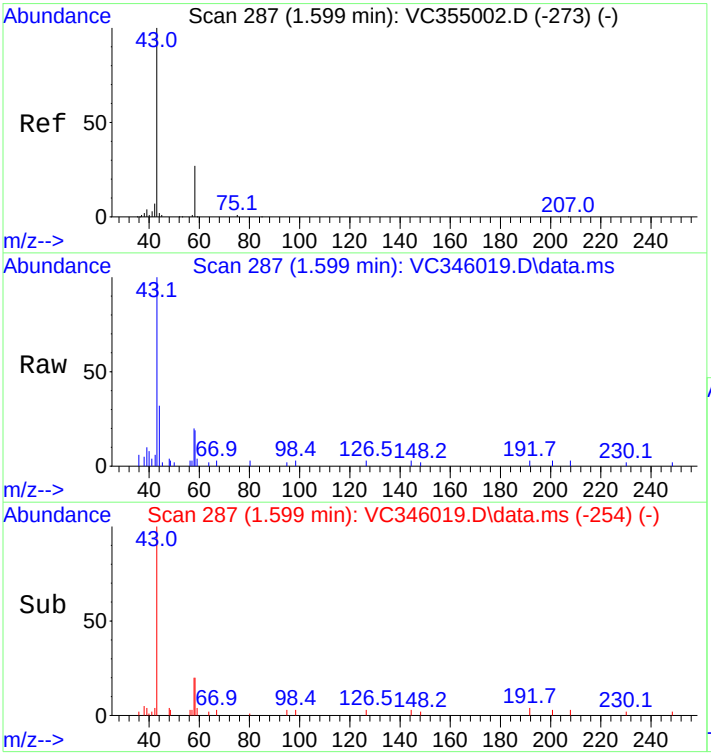


#13
ACROLEIN
Concen: 16.64 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 56 Resp: 1292

Ion	Ratio	Lower	Upper
56	100		
55	75.5	58.2	87.4

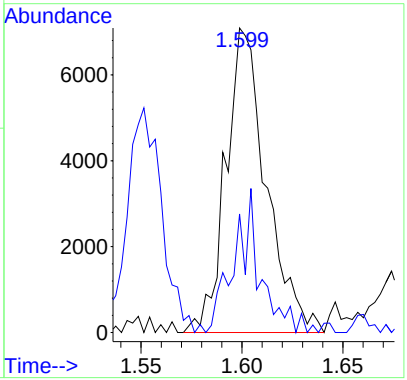


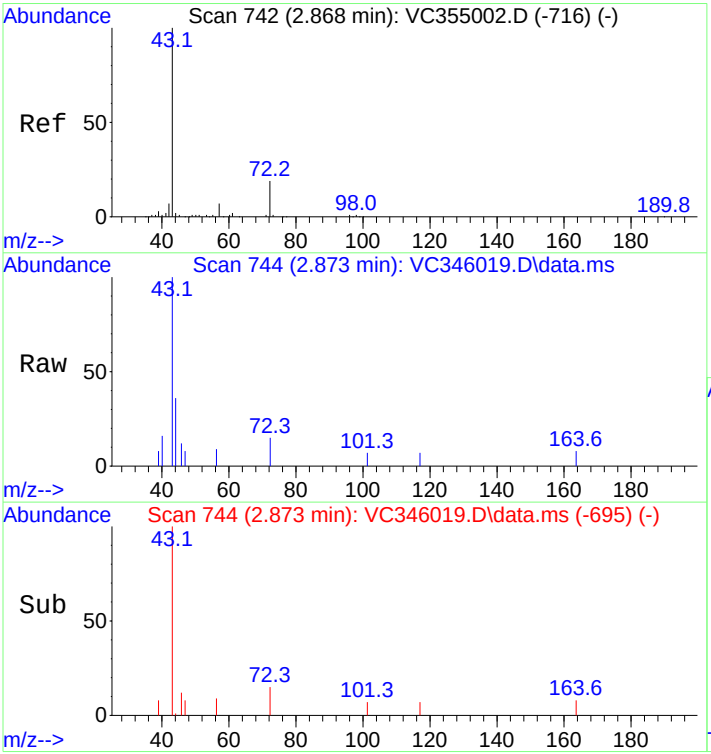


#14
ACETONE
Concen: 6.28 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 9855

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2

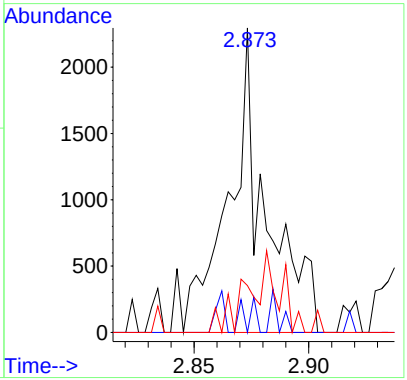


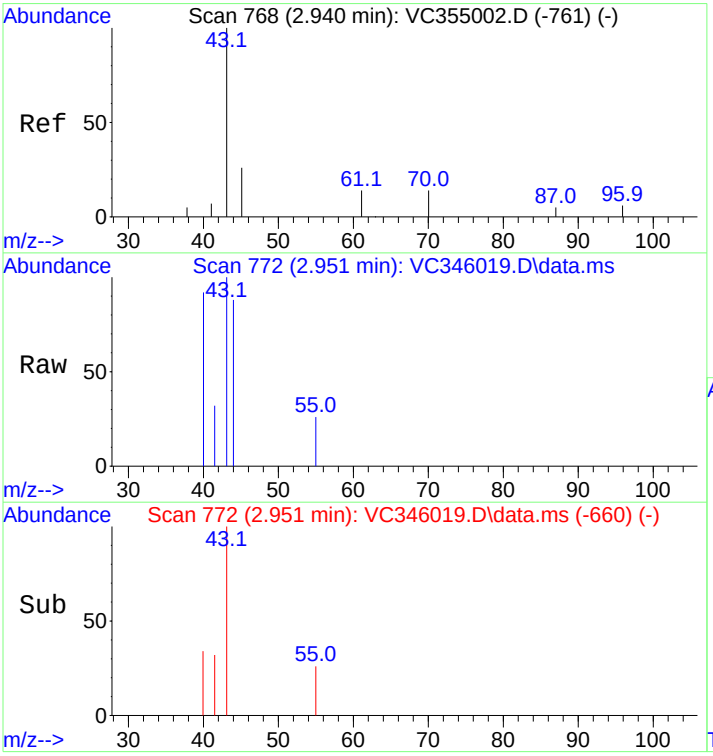


#31
2-BUTANONE
Concen: 1.26 UG/L
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 2560

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

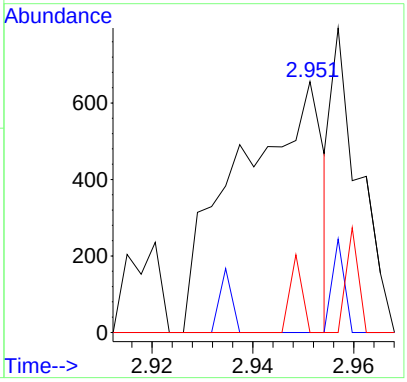


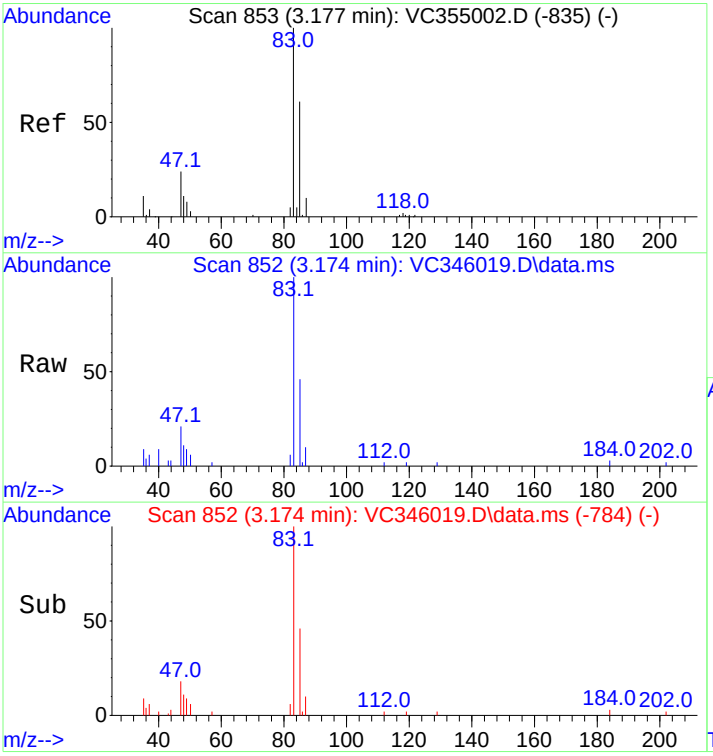


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.951 min Scan# 772
Delta R.T. 0.011 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 43 Resp: 761

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

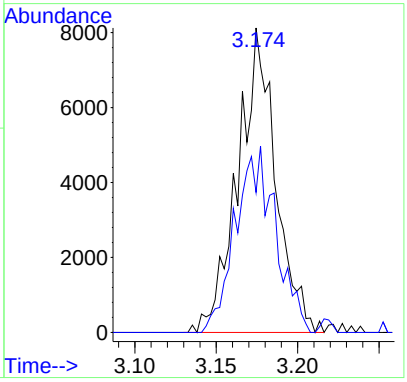


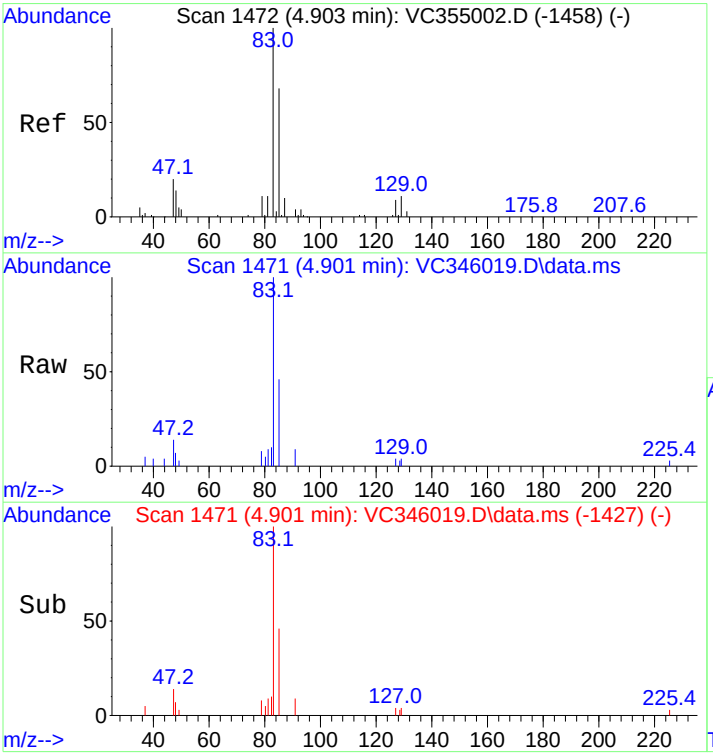


#40
CHLOROFORM
Concen: 1.32 UG/L
RT: 3.174 min Scan# 852
Delta R.T. 0.000 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 83 Resp: 13130

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.7	77.5

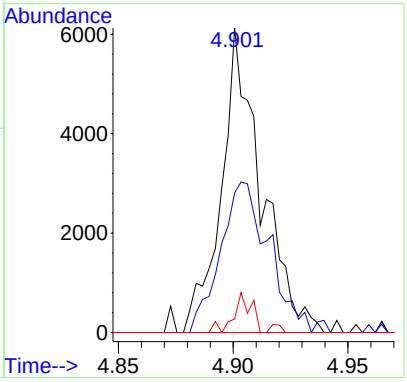


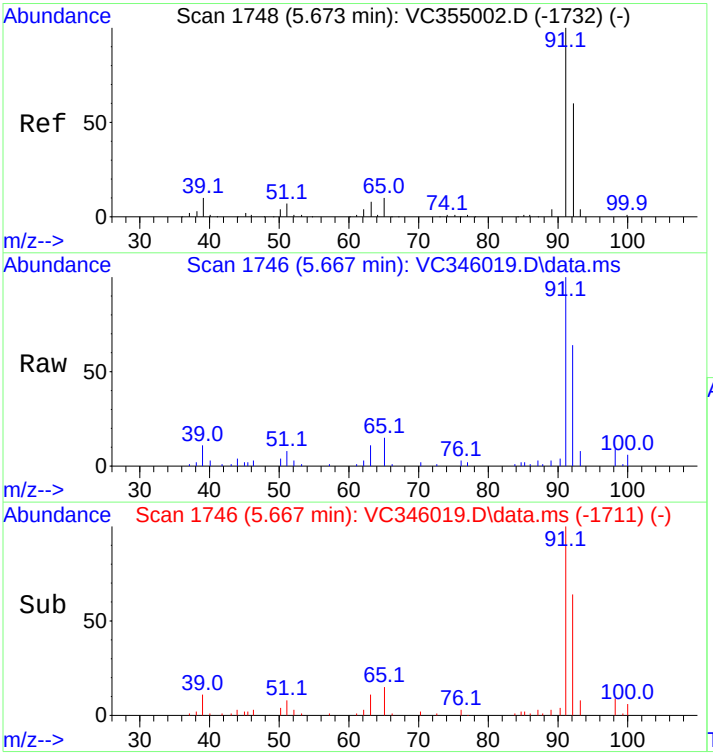


#57
BROMODICHLOROMETHANE
Concen: 1.30 UG/L
RT: 4.901 min Scan# 1471
Delta R.T. -0.005 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 83 Resp: 7402

Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.4	77.0
127	0.0	7.1	10.7#

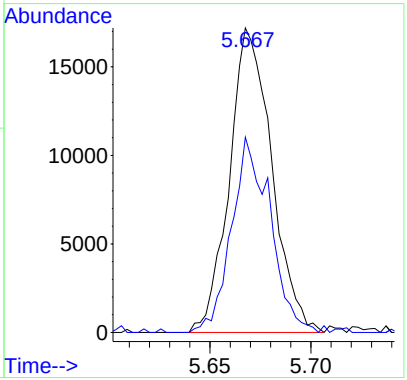


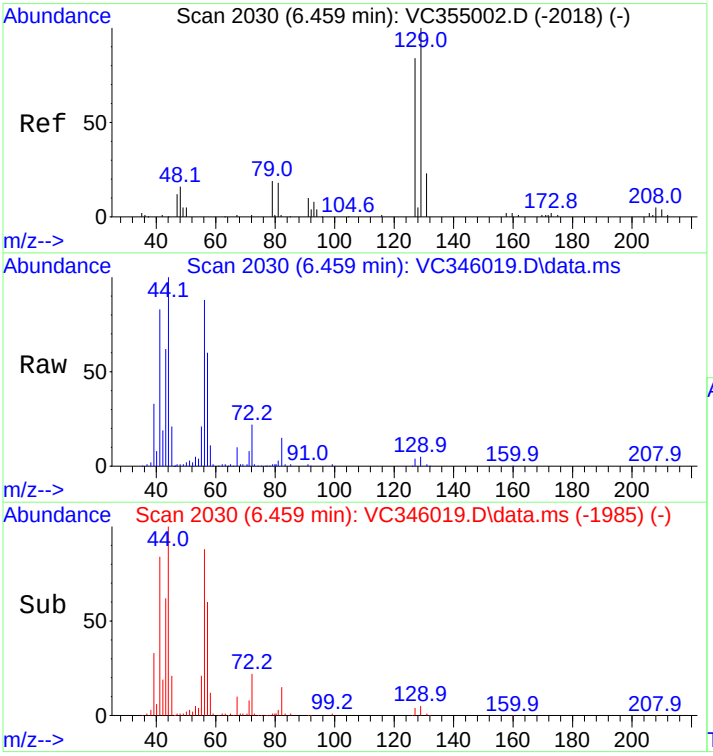


#61
TOLUENE
Concen: 1.20 UG/L
RT: 5.667 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion: 91 Resp: 25030

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.9	71.9

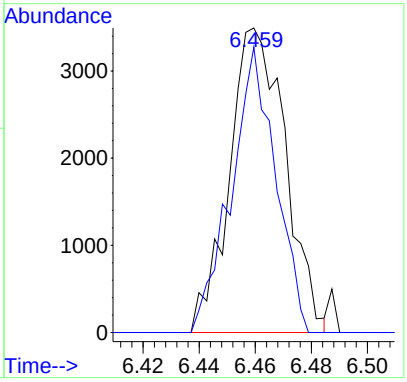




#68
DIBROMOCHLOROMETHANE
Concen: 1.07 UG/L
RT: 6.459 min Scan# 2030
Delta R.T. 0.000 min
Lab File: VC346019.D
Acq: 12 Dec 2011 4:18 pm

Tgt Ion:129 Resp: 4845

Ion	Ratio	Lower	Upper
129	100		
127	74.2	61.8	92.8



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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane	1.2	0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane	0.98	0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-125D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-04	File ID:	VC346020.D
Sampled:	12/01/11 10:40	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 16:48
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346020.D Vial: 20
Acq On : 12 Dec 2011 4:48 pm Operator:
Sample : 11L0105-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:34:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

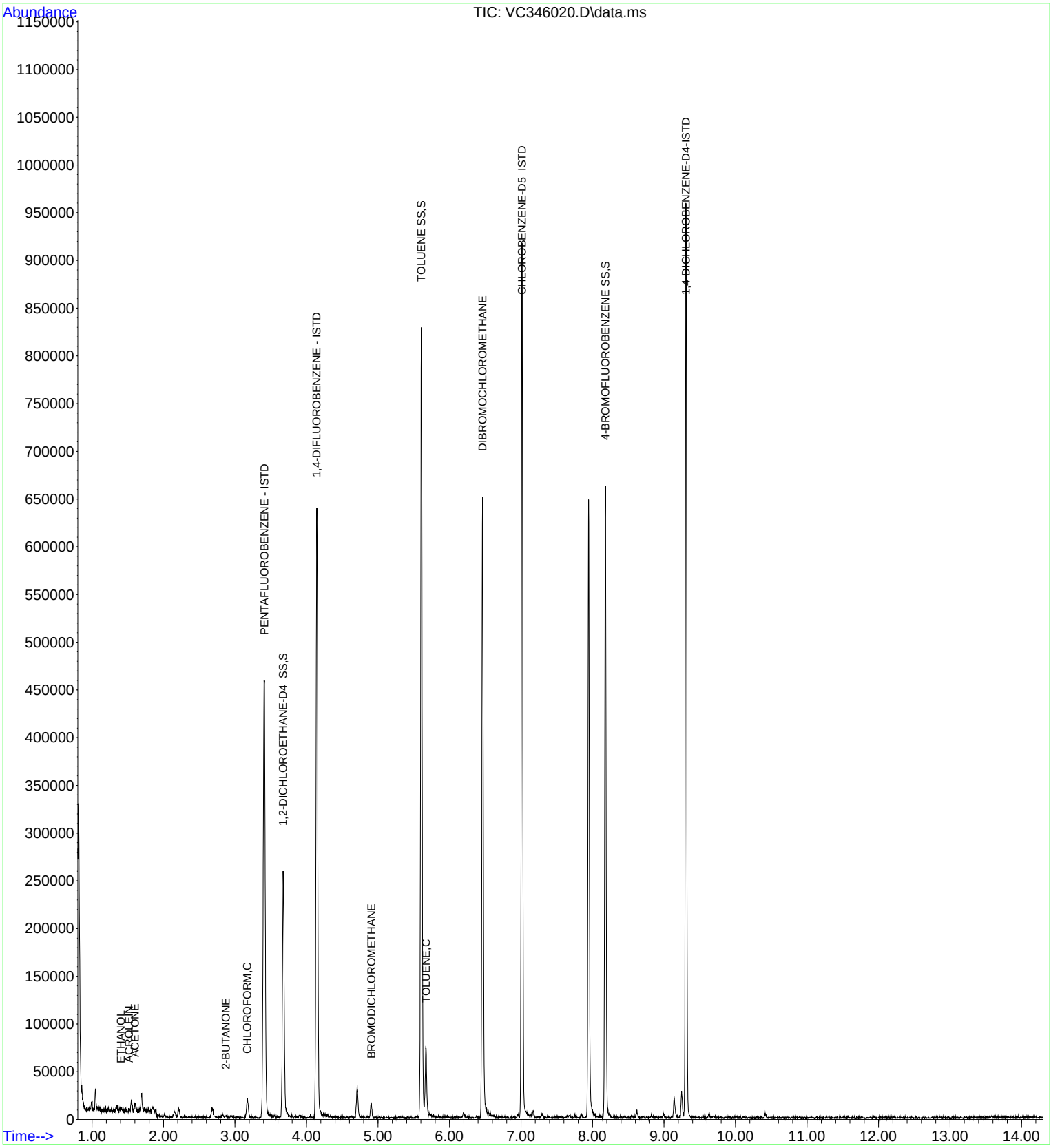
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	324766	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	459748	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	225278	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	214356	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	163376	26.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%				
49) TOLUENE SS	5.606	98	460614	24.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	171809	25.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.40%				
Target Compounds							Qvalue
11) ETHANOL	1.406	45	3778m	63.41	UG/L		
13) ACROLEIN	1.518	56	1628	16.96	UG/L		96
14) ACETONE	1.601	43	7044	4.03	UG/L		91
31) 2-BUTANONE	2.873	43	2406m	1.06	UG/L		
35) ETHYL ACETATE	2.954	43	574	Below Cal		#	68
40) CHLOROFORM	3.171	83	12999	1.17	UG/L		96
57) BROMODICHLOROMETHANE	4.909	83	8168	1.19	UG/L	#	94
61) TOLUENE	5.673	91	39584	1.51	UG/L		97
68) DIBROMOCHLOROMETHANE	6.462	129	5622	0.98	UG/L		94

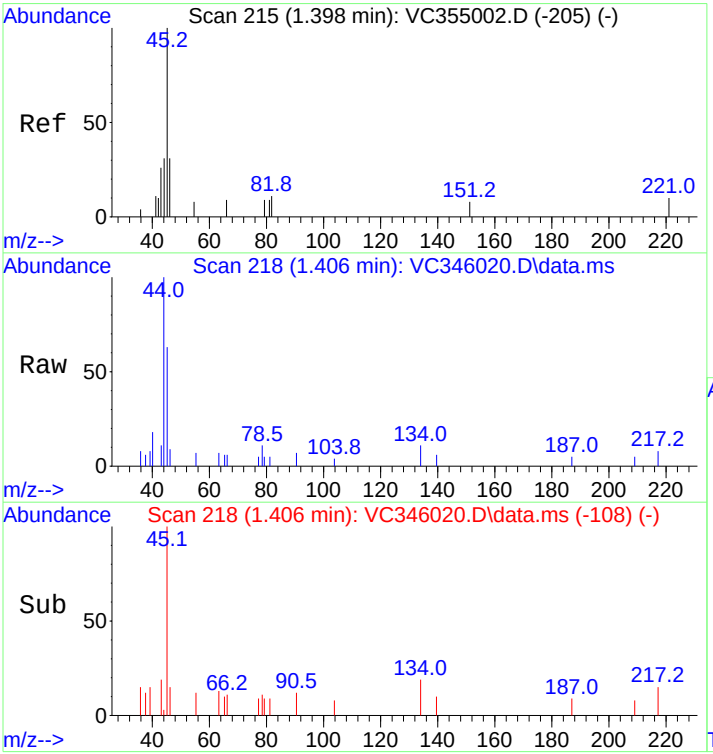
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346020.D Vial: 20
Acq On : 12 Dec 2011 4:48 pm Operator:
Sample : 11L0105-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:34:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

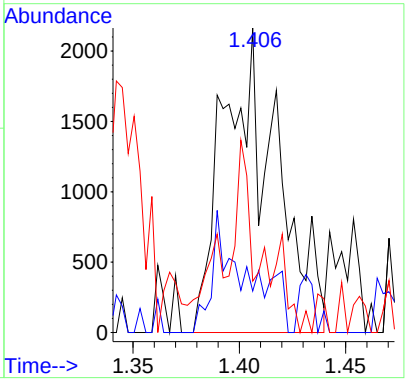


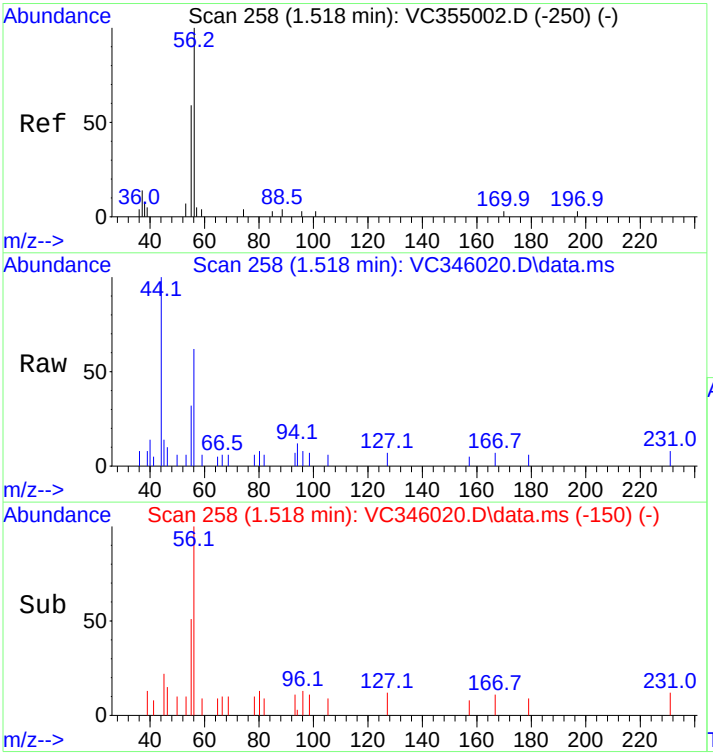


#11
ETHANOL
Concen: 63.41 UG/L m
RT: 1.406 min Scan# 218
Delta R.T. 0.006 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 45 Resp: 3778

Ion	Ratio	Lower	Upper
45	100		
46	0.0	33.2	49.8#
43	0.0	27.7	41.5#

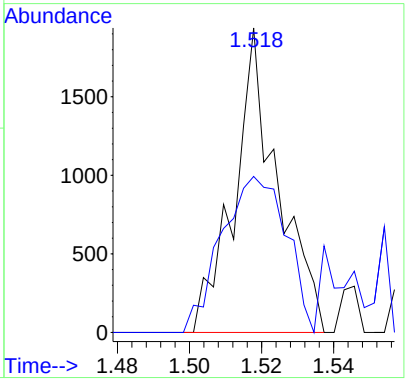


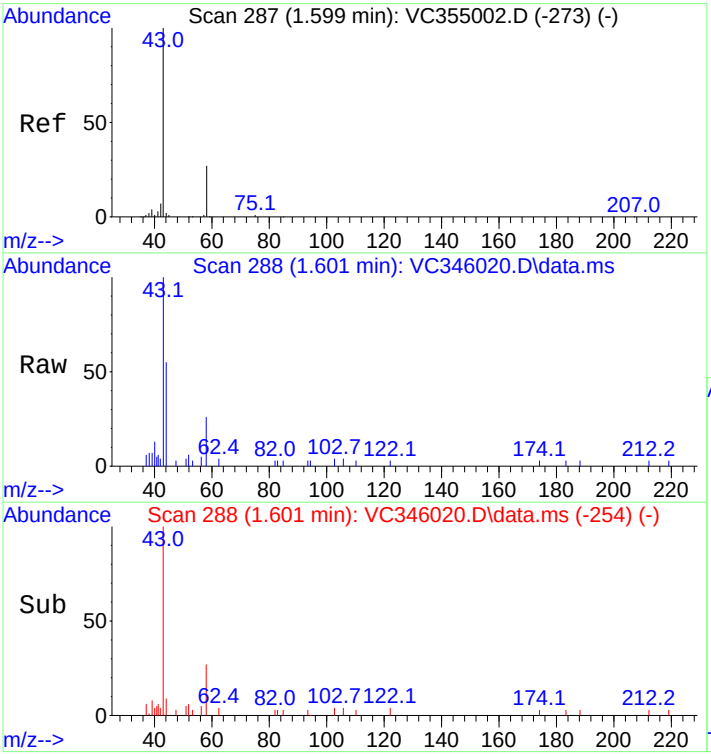


#13
ACROLEIN
Concen: 16.96 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 56 Resp: 1628

Ion	Ratio	Lower	Upper
56	100		
55	76.0	58.2	87.4

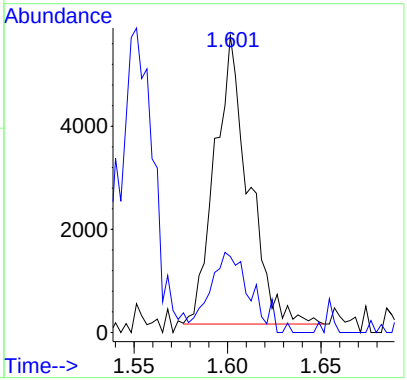


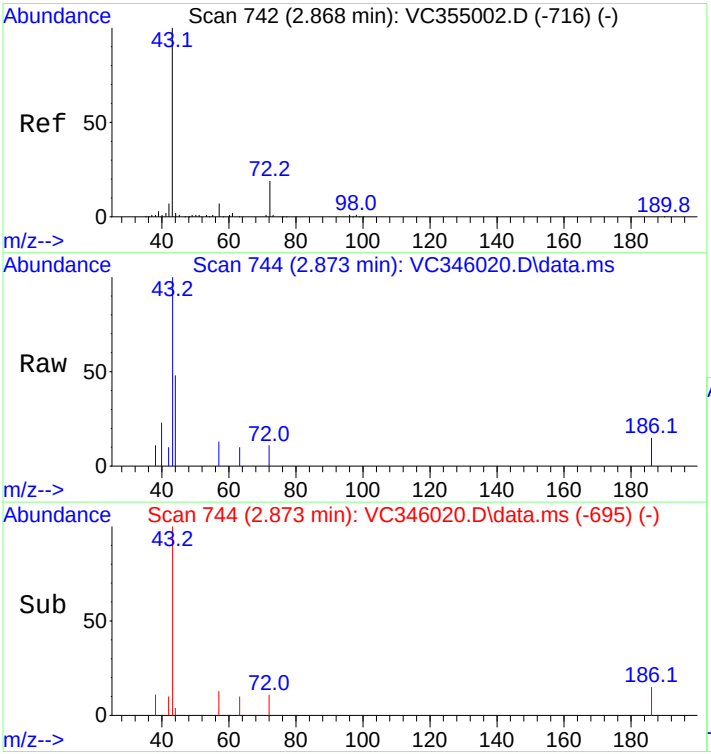


#14
ACETONE
Concen: 4.03 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 7044

Ion	Ratio	Lower	Upper
43	100		
58	26.2	24.8	37.2

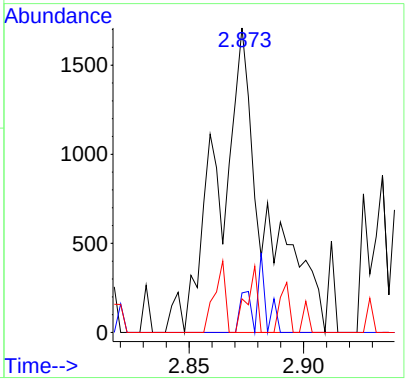


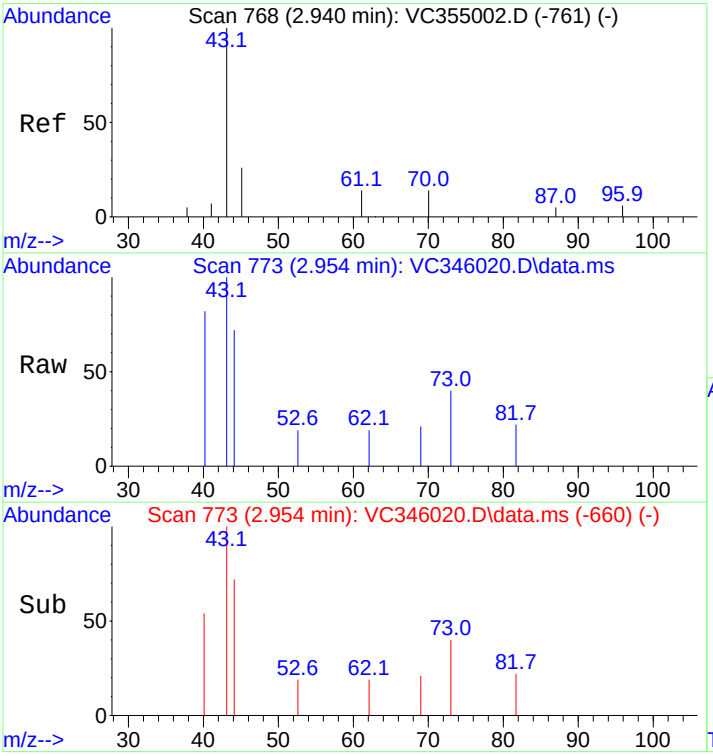


#31
2-BUTANONE
Concen: 1.06 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 2406

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

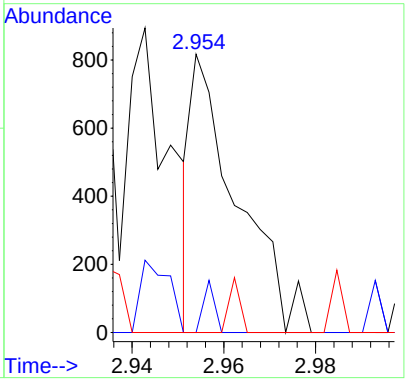


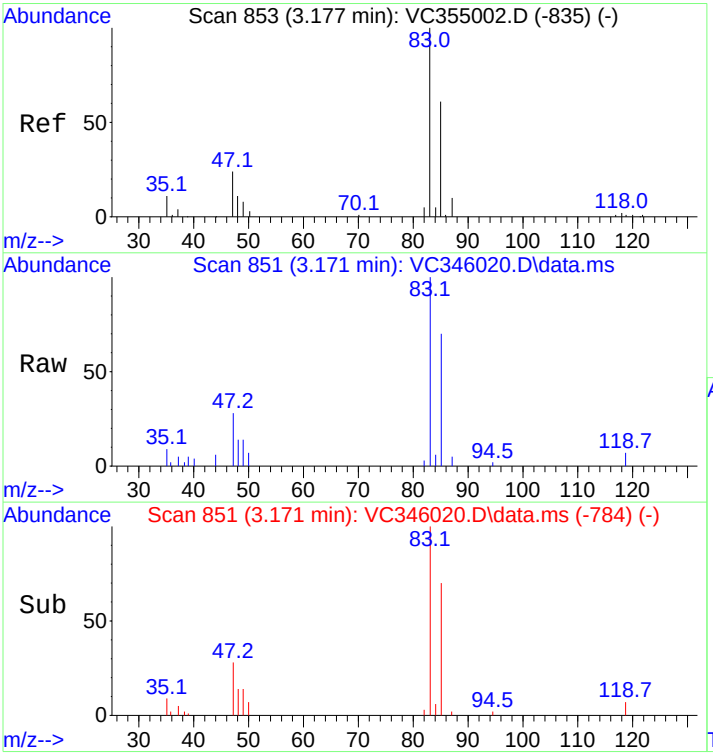


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.954 min Scan# 773
Delta R.T. 0.014 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 43 Resp: 574

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

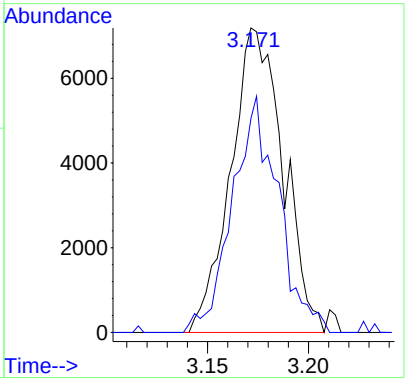


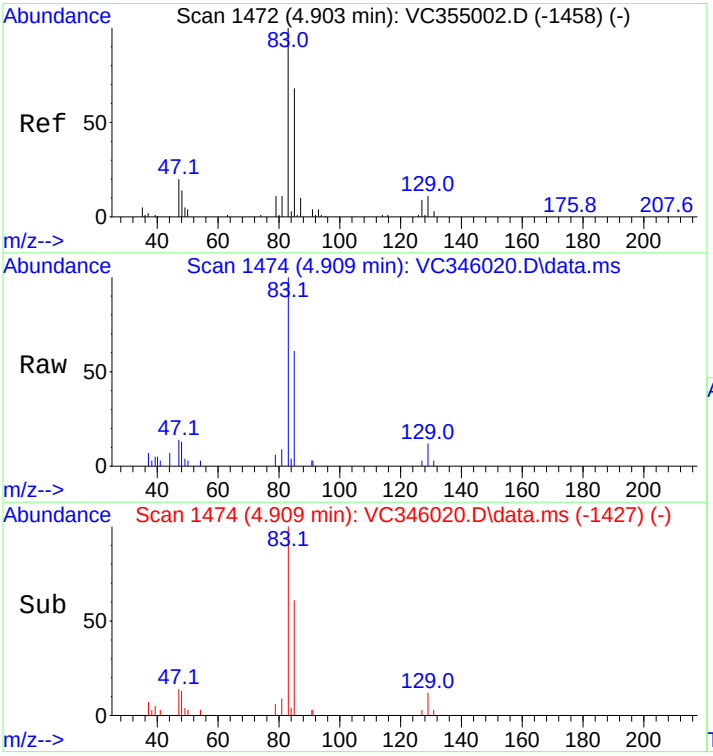


#40
CHLOROFORM
Concen: 1.17 UG/L
RT: 3.171 min Scan# 851
Delta R.T. -0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 83 Resp: 12999

Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.7	77.5

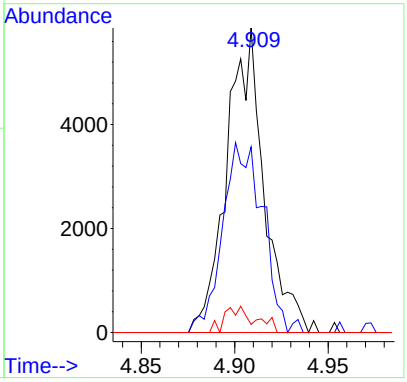


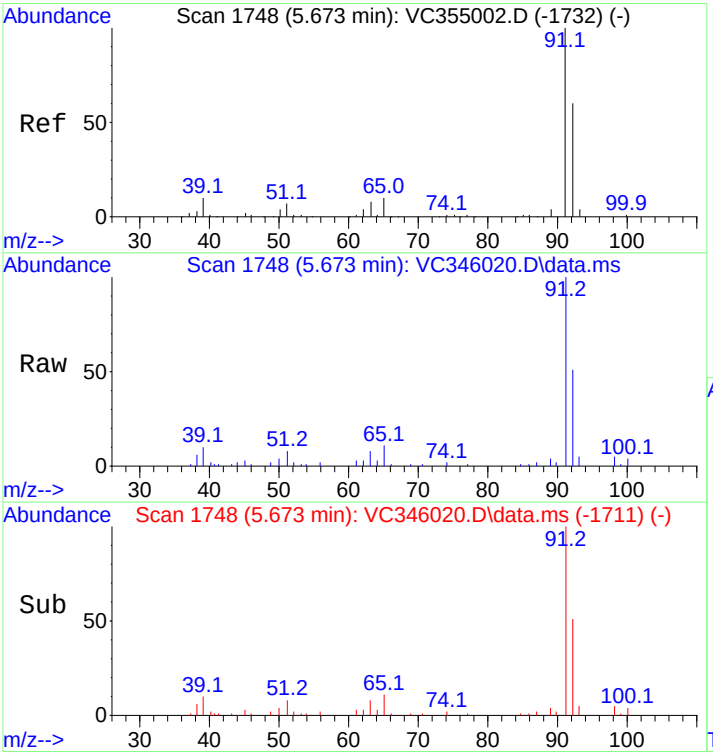


#57
BROMODICHLOROMETHANE
Concen: 1.19 UG/L
RT: 4.909 min Scan# 1474
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 83 Resp: 8168

Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.0
127	0.0	7.1	10.7#

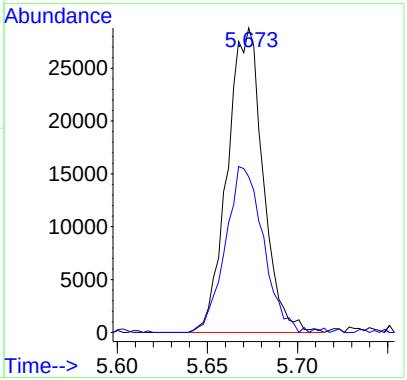


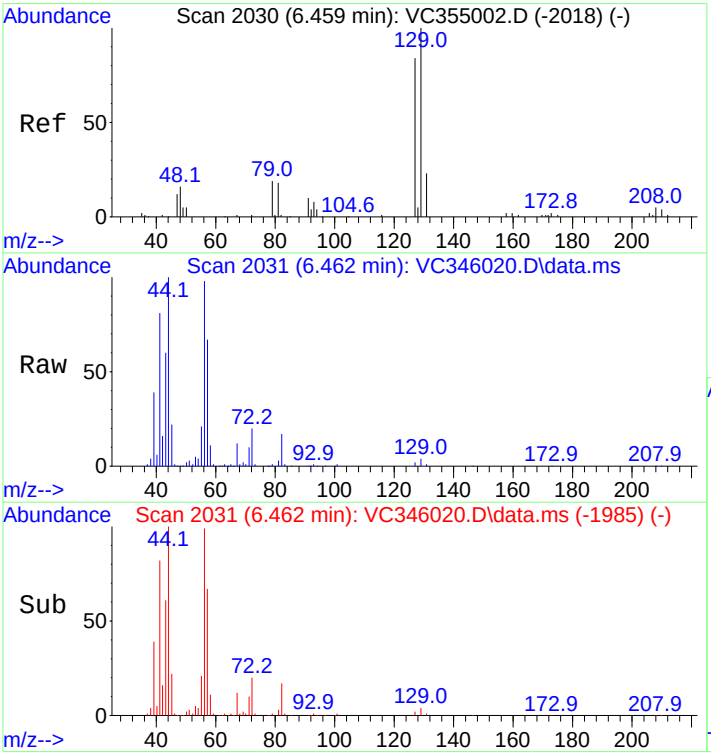


#61
TOLUENE
Concen: 1.51 UG/L
RT: 5.673 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion: 91 Resp: 39584

Ion	Ratio	Lower	Upper
91	100		
92	57.7	47.9	71.9

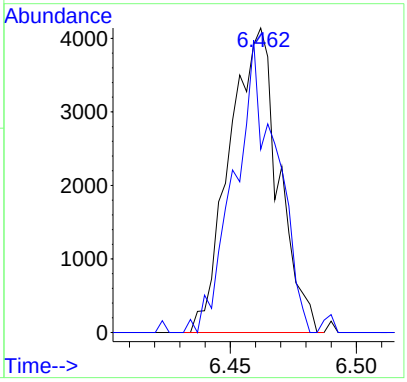




#68
DIBROMOCHLOROMETHANE
Concen: 0.98 UG/L
RT: 6.462 min Scan# 2031
Delta R.T. 0.003 min
Lab File: VC346020.D
Acq: 12 Dec 2011 4:48 pm

Tgt Ion:129 Resp: 5622

Ion	Ratio	Lower	Upper
129	100		
127	82.6	61.8	92.8



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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene	1.4	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-05	File ID:	VC346021.D
Sampled:	12/01/11 12:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:19
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346021.D Vial: 21
Acq On : 12 Dec 2011 5:19 pm Operator:
Sample : 11L0105-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 13 11:34:53 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

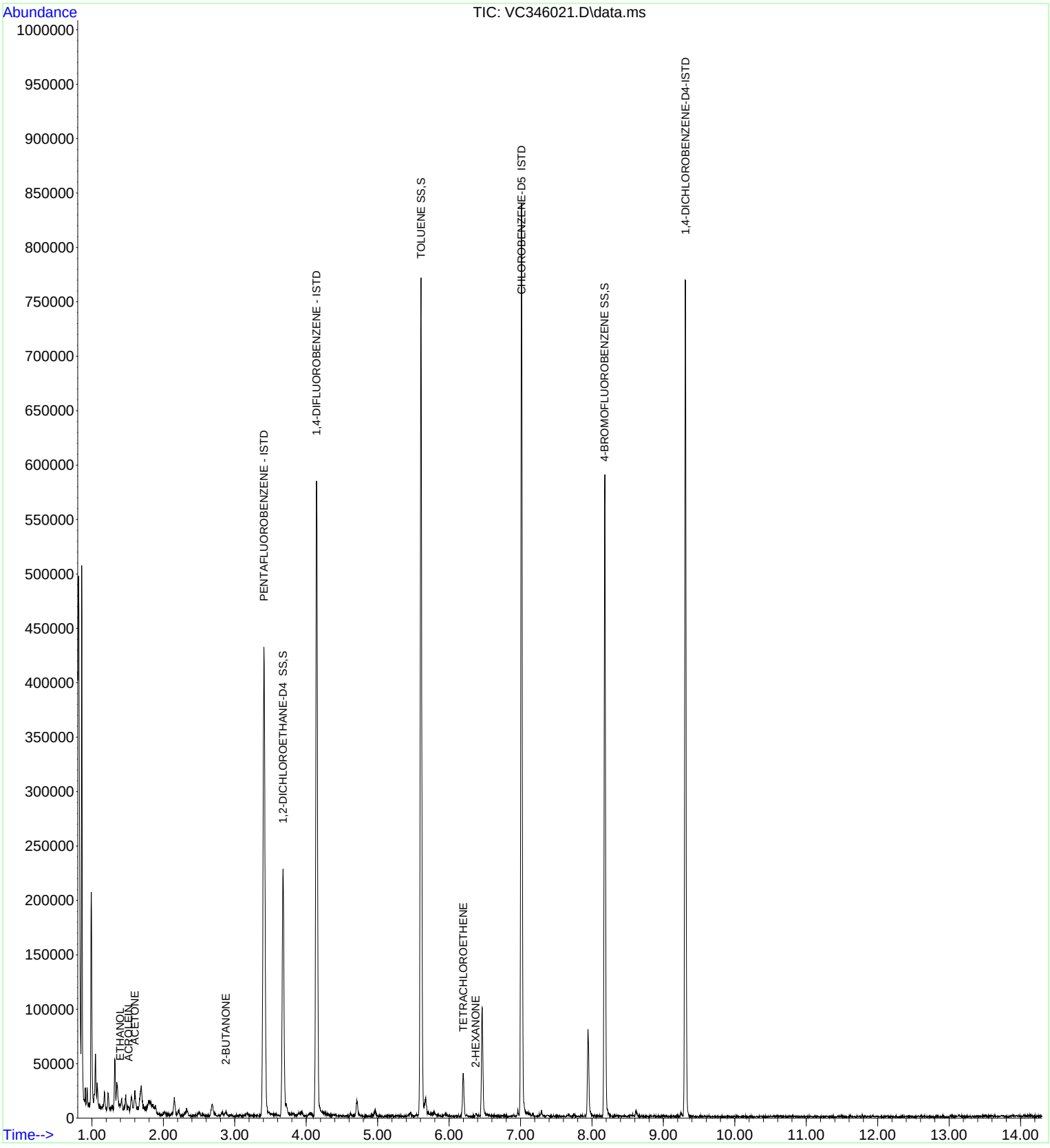
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.408	168	294300	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	420762	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	204006	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	171025	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	150447	27.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.92%				
49) TOLUENE SS	5.609	98	415801	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	147925	24.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%				
Target Compounds							Qvalue
11) ETHANOL	1.398	45	3003m	55.62	UG/L		
13) ACROLEIN	1.515	56	967m	16.01	UG/L		
14) ACETONE	1.601	43	13299	8.40	UG/L		98
31) 2-BUTANONE	2.876	43	4991m	2.43	UG/L		
35) ETHYL ACETATE	2.937	43	595	Below Cal		#	68
65) 2-HEXANONE	6.373	43	1126	0.40	UG/L	#	21
66) TETRACHLOROETHENE	6.200	166	8917	1.44	UG/L		99

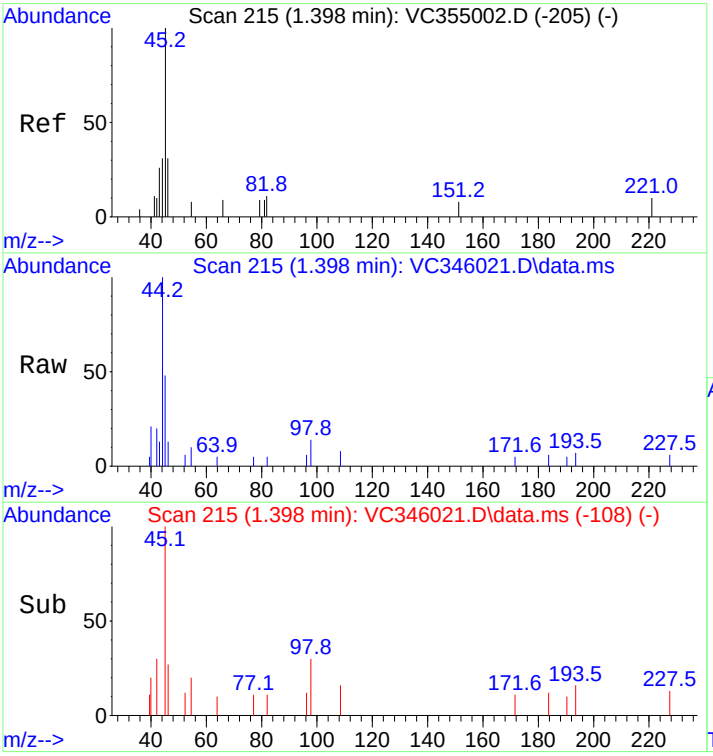
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121211\VC346021.D
Acq On : 12 Dec 2011 5:19 pm
Sample : 11L0105-05
Misc :
Quant Time: Dec 13 11:34:53 2011

Vial: 21
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

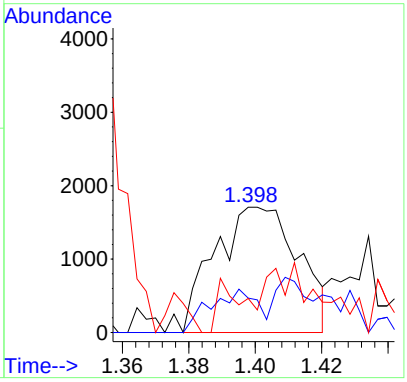


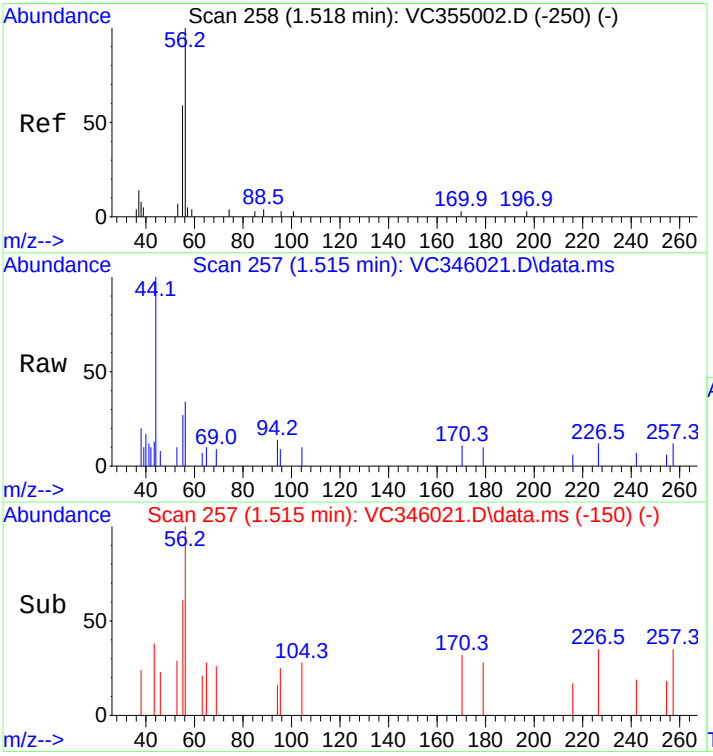


#11
ETHANOL
Concen: 55.62 UG/L m
RT: 1.398 min Scan# 215
Delta R.T. -0.002 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 45 Resp: 3003

Ion	Ratio	Lower	Upper
45	100		
46	28.4	33.2	49.8#
43	17.6	27.7	41.5#

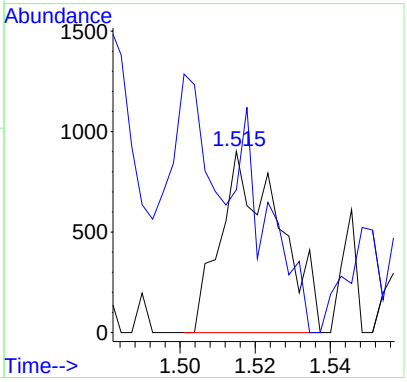


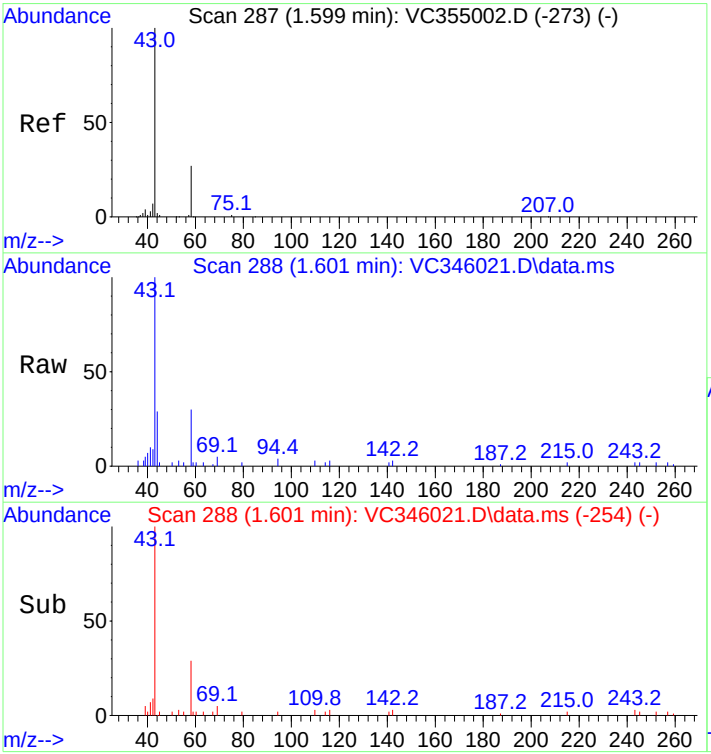


#13
ACROLEIN
Concen: 16.01 UG/L m
RT: 1.515 min Scan# 257
Delta R.T. -0.002 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 56 Resp: 967

Ion	Ratio	Lower	Upper
56	100		
55	69.8	58.2	87.4

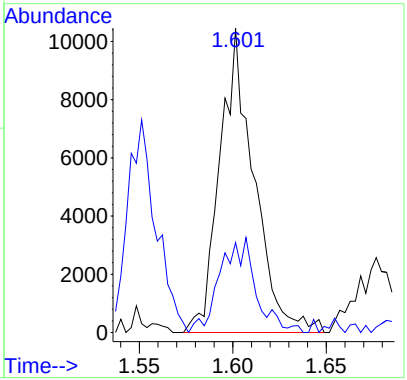


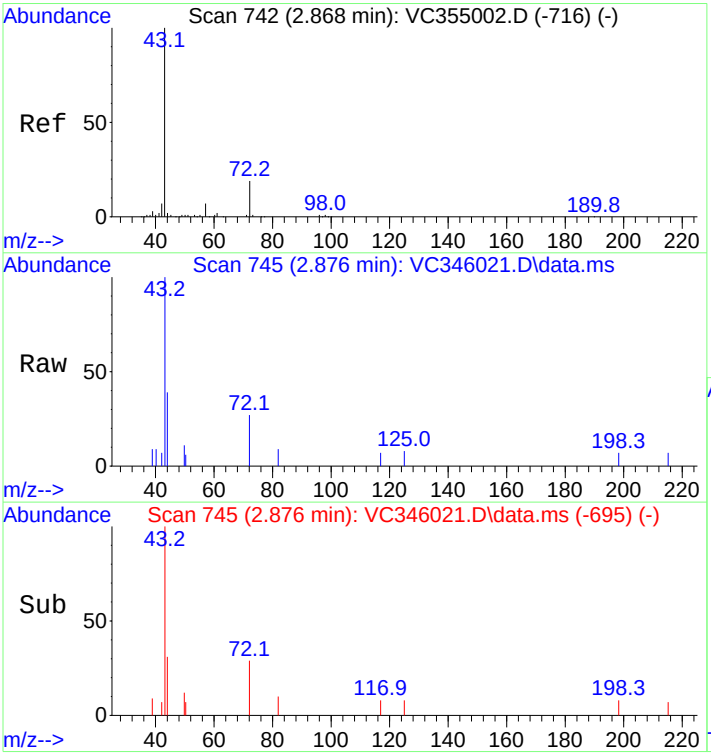


#14
ACETONE
Concen: 8.40 UG/L
RT: 1.601 min Scan# 288
Delta R.T. 0.000 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 13299

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.8	37.2

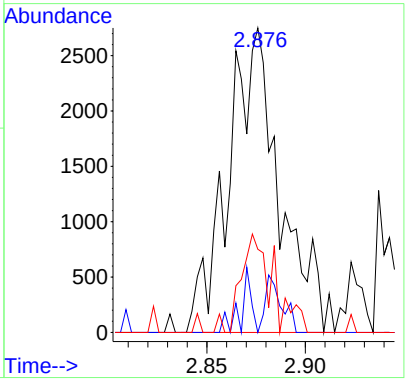


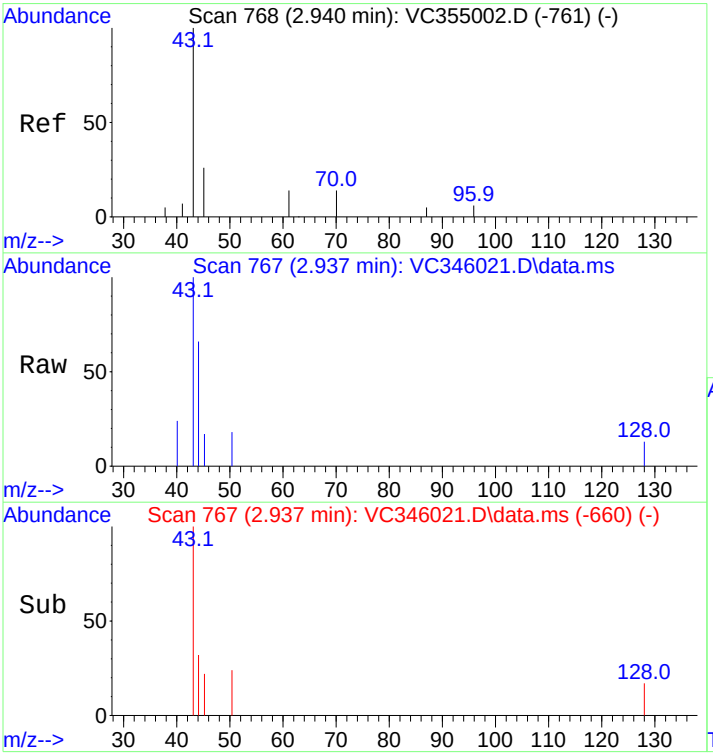


#31
2-BUTANONE
Concen: 2.43 UG/L m
RT: 2.876 min Scan# 745
Delta R.T. 0.005 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 4991

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	18.8	18.5	27.7

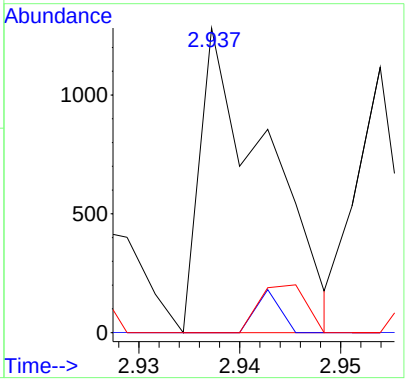


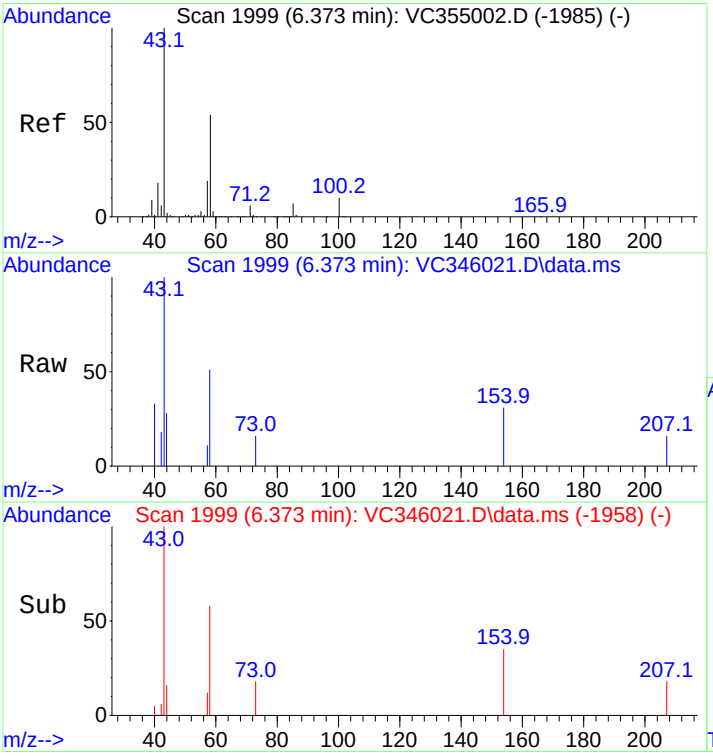


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.937 min Scan# 767
Delta R.T. -0.003 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 595

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

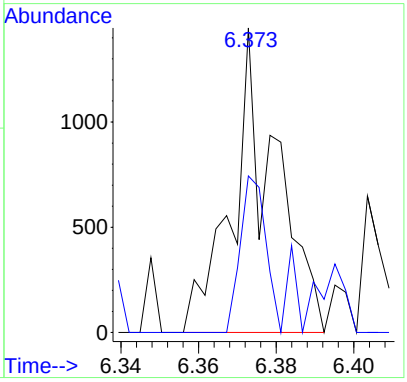


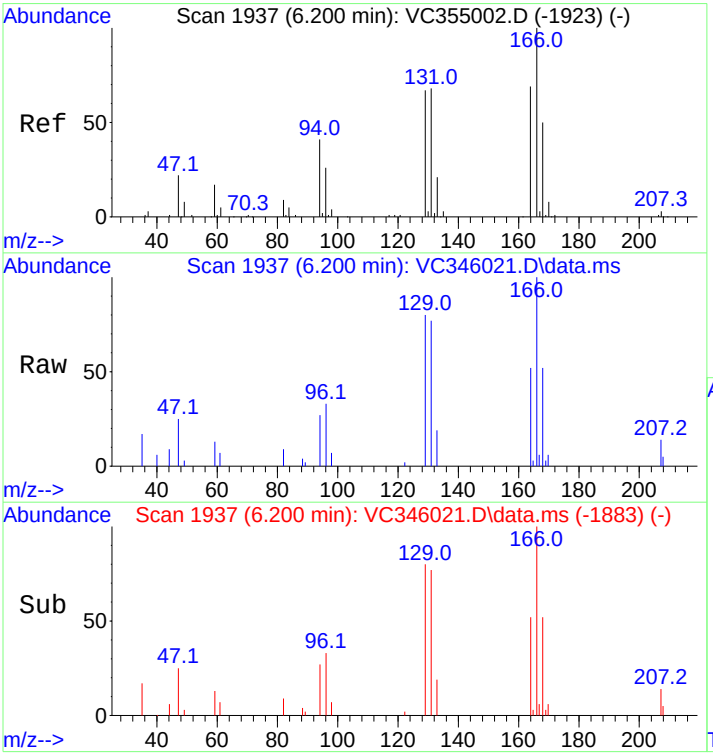


#65
2-HEXANONE
Concen: 0.40 UG/L
RT: 6.373 min Scan# 1999
Delta R.T. 0.003 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.0	70.4#

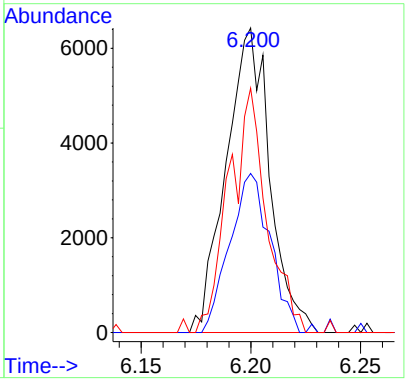




#66
TETRACHLOROETHENE
Concen: 1.44 UG/L
RT: 6.200 min Scan# 1937
Delta R.T. 0.005 min
Lab File: VC346021.D
Acq: 12 Dec 2011 5:19 pm

Tgt Ion:166 Resp: 8917

Ion	Ratio	Lower	Upper
166	100		
168	48.3	39.6	59.4
129	69.2	55.6	83.4



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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		110	10000	
107-13-1	Acrylonitrile		100	1000	
994-05-8	tert-Amyl Methyl Ether (TAME)		22	100	
71-43-2	Benzene		10	200	
108-86-1	Bromobenzene		20	200	
74-97-5	Bromochloromethane		20	200	
75-27-4	Bromodichloromethane		16	100	
75-25-2	Bromoform		50	200	
74-83-9	Bromomethane		76	400	
78-93-3	2-Butanone (MEK)		82	4000	
75-65-0	tert-Butyl Alcohol (TBA)		700	4000	V-16
104-51-8	n-Butylbenzene		10	200	
135-98-8	sec-Butylbenzene		10	200	
98-06-6	tert-Butylbenzene		10	200	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		14	100	
75-15-0	Carbon Disulfide		10	800	
56-23-5	Carbon Tetrachloride		18	1000	
108-90-7	Chlorobenzene		10	200	
124-48-1	Chlorodibromomethane		24	100	
75-00-3	Chloroethane		66	400	
67-66-3	Chloroform		8.0	400	
74-87-3	Chloromethane		26	400	
95-49-8	2-Chlorotoluene		10	200	
106-43-4	4-Chlorotoluene		10	200	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		96	1000	V-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		28	100	
74-95-3	Dibromomethane		16	200	
95-50-1	1,2-Dichlorobenzene		12	200	
541-73-1	1,3-Dichlorobenzene		12	200	
106-46-7	1,4-Dichlorobenzene		22	200	
110-57-6	trans-1,4-Dichloro-2-butene		150	400	
75-71-8	Dichlorodifluoromethane (Freon 12)		8.0	400	
75-34-3	1,1-Dichloroethane		18	200	
107-06-2	1,2-Dichloroethane		18	200	
75-35-4	1,1-Dichloroethylene		20	200	
156-59-2	cis-1,2-Dichloroethylene		10	200	
156-60-5	trans-1,2-Dichloroethylene		14	200	
78-87-5	1,2-Dichloropropane		40	200	
142-28-9	1,3-Dichloropropane		16	100	
594-20-7	2,2-Dichloropropane		26	200	
563-58-6	1,1-Dichloropropene		20	400	
10061-01-5	cis-1,3-Dichloropropene		14	100	
10061-02-6	trans-1,3-Dichloropropene		24	100	
60-29-7	Diethyl Ether		20	400	
108-20-3	Diisopropyl Ether (DIPE)		6.0	100	
123-91-1	1,4-Dioxane		700	10000	V-16
100-41-4	Ethylbenzene		10	200	
87-68-3	Hexachlorobutadiene		52	100	
591-78-6	2-Hexanone (MBK)		130	2000	
98-82-8	Isopropylbenzene (Cumene)		12	200	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		12	200	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		10	200	
75-09-2	Methylene Chloride		450	1000	
108-10-1	4-Methyl-2-pentanone (MIBK)		44	2000	
91-20-3	Naphthalene		42	400	
103-65-1	n-Propylbenzene		8.0	200	
100-42-5	Styrene		12	200	
630-20-6	1,1,1,2-Tetrachloroethane		16	200	
79-34-5	1,1,2,2-Tetrachloroethane		36	100	
127-18-4	Tetrachloroethylene		28	200	
109-99-9	Tetrahydrofuran		200	2000	
108-88-3	Toluene		8.0	200	
87-61-6	1,2,3-Trichlorobenzene		44	1000	
120-82-1	1,2,4-Trichlorobenzene		22	200	V-05
108-70-3	1,3,5-Trichlorobenzene		80	200	
71-55-6	1,1,1-Trichloroethane		10	200	
79-00-5	1,1,2-Trichloroethane		16	200	
79-01-6	Trichloroethylene		24	200	
75-69-4	Trichlorofluoromethane (Freon 11)		14	400	
96-18-4	1,2,3-Trichloropropane		42	400	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		22	200	
95-63-6	1,2,4-Trimethylbenzene		12	200	
108-67-8	1,3,5-Trimethylbenzene		12	200	
75-01-4	Vinyl Chloride		32	400	
108383/106423	m+p Xylene		14	400	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0105-06	File ID:	VC346022.D
Sampled:	12/01/11 14:50	Prepared:	12/09/11 13:57	Analyzed:	12/12/11 17:49
Solids:		Preparation:	SW-846 5030B	Dilution:	200
Initial/Final:	5 mL / 5 mL				
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		10	200	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346022.D Vial: 22
Acq On : 12 Dec 2011 5:49 pm Operator:
Sample : 11L0105-06 @ 200X M Inst : GCMSVOA3
Misc : 200 Multiplr: 1.00
Quant Time: Dec 13 11:35:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	301806	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	427858	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	209983	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	155073	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	159332	28.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.48%			
49) TOLUENE SS	5.606	98	421768	24.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	133045	21.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.92%			
Target Compounds						Qvalue
14) ACETONE	1.607	43	2815	1.73	UG/L #	44
23) METHYLENE CHLORIDE	1.847	49	4731	0.41	UG/L	96
35) ETHYL ACETATE	2.940	43	2074m	Below Cal		

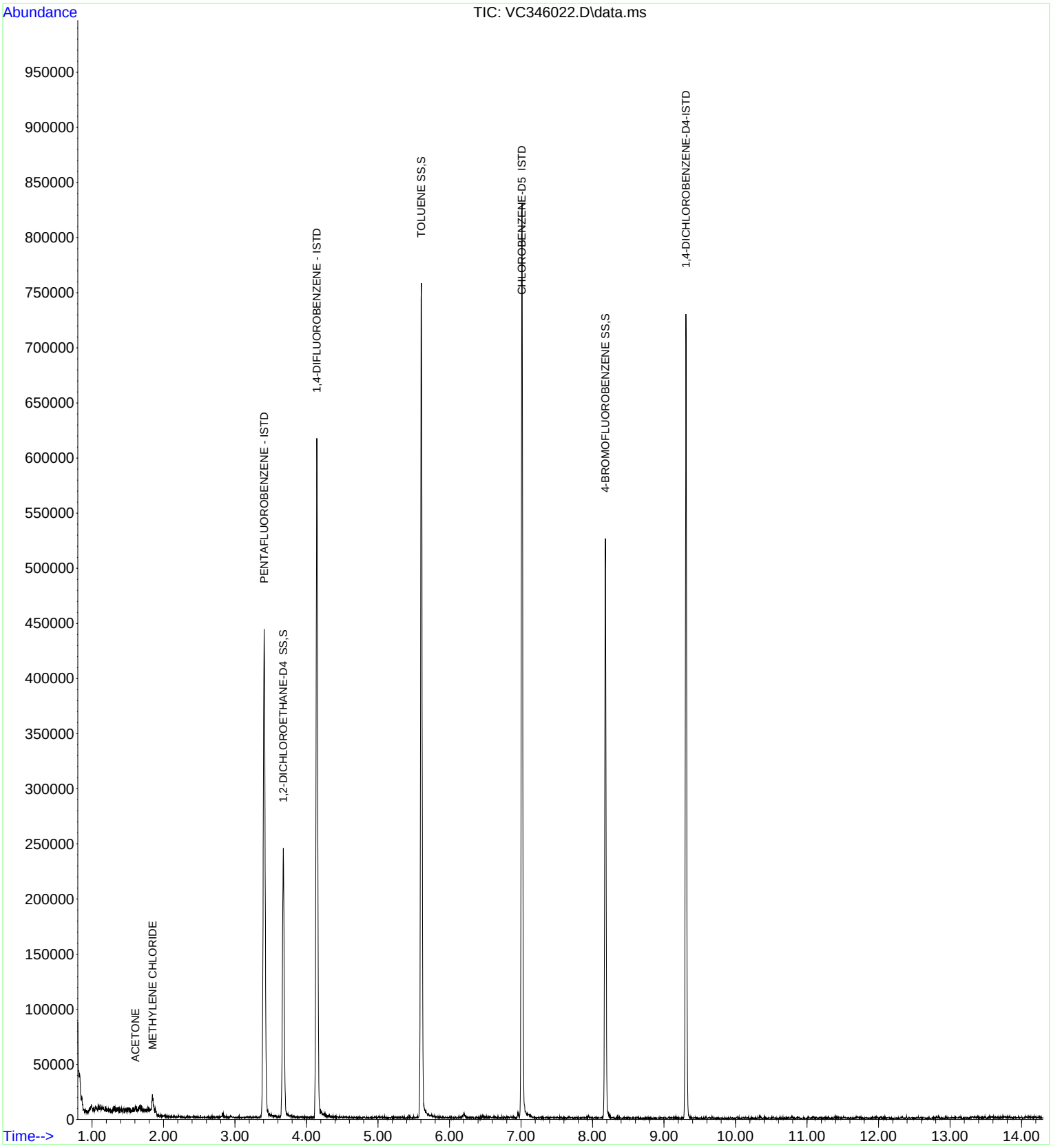
(#) = qualifier out of range (m) = manual integration (+) = signals summed

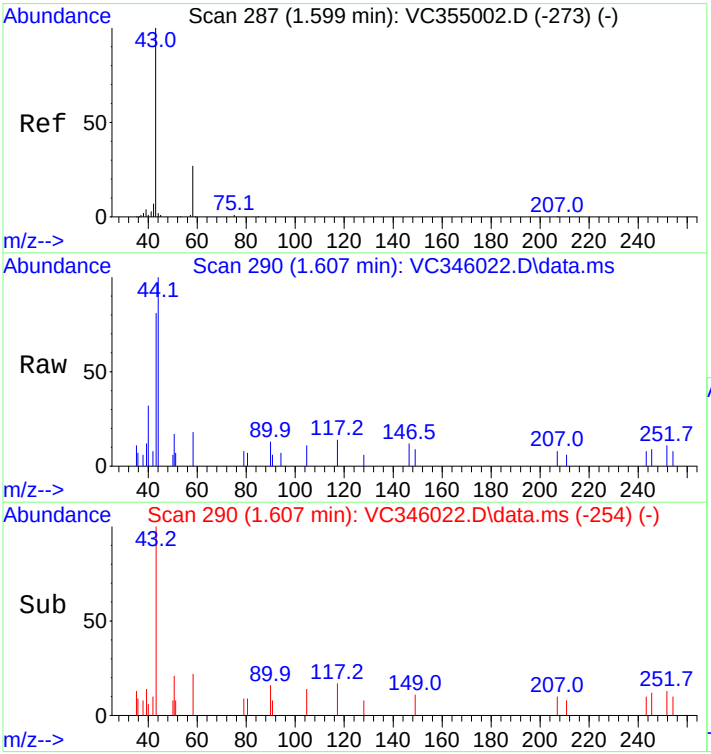
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346022.D
Acq On : 12 Dec 2011 5:49 pm
Sample : 11L0105-06 @ 200X M
Misc : 200
Quant Time: Dec 13 11:35:22 2011

Vial: 22
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

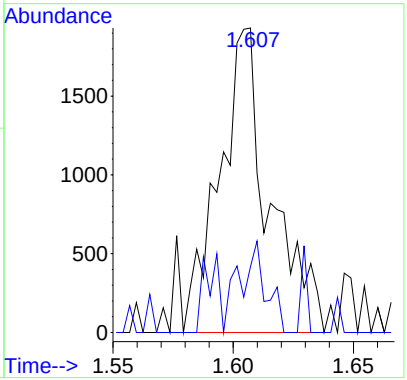


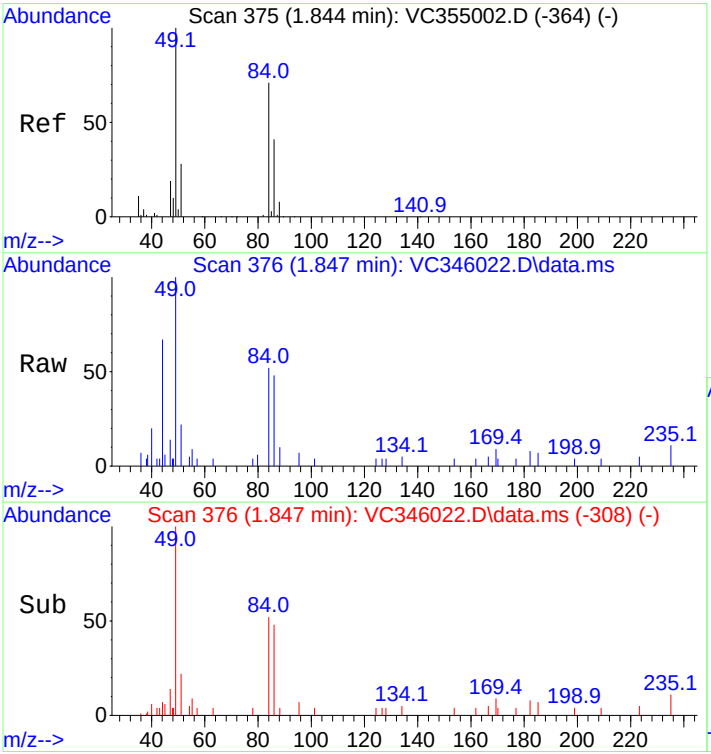


#14
ACETONE
Concen: 1.73 UG/L
RT: 1.607 min Scan# 290
Delta R.T. 0.006 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 43 Resp: 2815

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

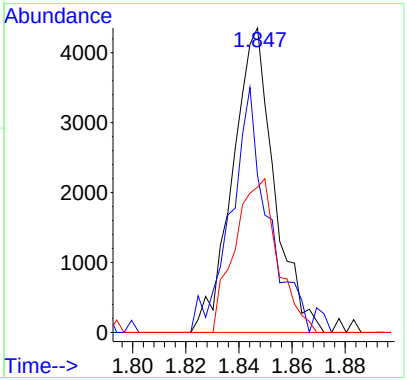


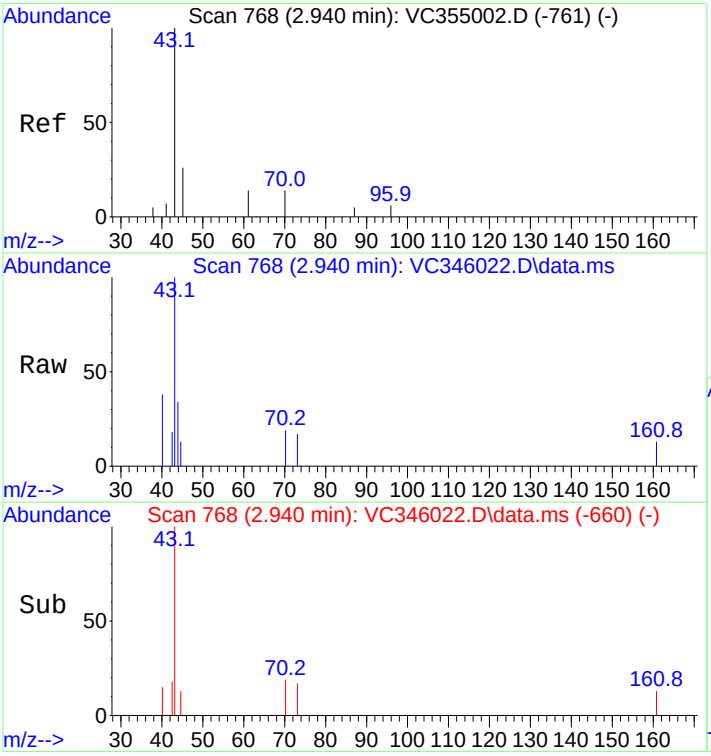


#23
METHYLENE CHLORIDE
Concen: 0.41 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 49 Resp: 4731

Ion	Ratio	Lower	Upper
49	100		
84	71.4	57.8	86.8
86	52.1	37.5	56.3

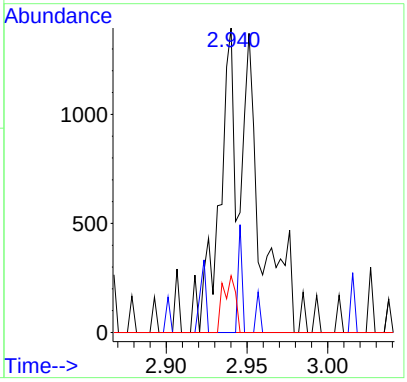




#35
ETHYL ACETATE
Concen: Below Cal m
RT: 2.940 min Scan# 768
Delta R.T. 0.000 min
Lab File: VC346022.D
Acq: 12 Dec 2011 5:49 pm

Tgt Ion: 43 Resp: 2074

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0105-01	103	90.9	98.6
11L0105-02	111	96.3	101
11L0105-03	105	111	106
11L0105-04	107	103	99.8
11L0105-05	109	98.3	98.4
11L0105-06	112	85.9	98.2
B042460-BLK1	101	108	102
B042460-BS1	103	119	90.7
B042460-BSD1	106	102	100

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	135	135		70 - 160
Acrylonitrile	10.0	9.98	99.8		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105		70 - 130
Benzene	10.0	10.5	105		70 - 130
Bromobenzene	10.0	11.2	112		70 - 130
Bromochloromethane	10.0	12.1	121		70 - 130
Bromodichloromethane	10.0	9.55	95.5		70 - 130
Bromoform	10.0	13.0	130		70 - 130
Bromomethane	10.0	6.40	64.0		40 - 160
2-Butanone (MEK)	100	131	131		40 - 160
tert-Butyl Alcohol (TBA)	100	114	114		40 - 160
n-Butylbenzene	10.0	9.88	98.8		70 - 130
sec-Butylbenzene	10.0	11.1	111		70 - 130
tert-Butylbenzene	10.0	9.92	99.2		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.5	105		70 - 130
Carbon Disulfide	10.0	13.4	134	*	70 - 130
Carbon Tetrachloride	10.0	10.9	109		70 - 130
Chlorobenzene	10.0	10.7	107		70 - 130
Chlorodibromomethane	10.0	10.1	101		70 - 130
Chloroethane	10.0	9.21	92.1		70 - 130
Chloroform	10.0	11.4	114		70 - 130
Chloromethane	10.0	10.5	105		40 - 160
2-Chlorotoluene	10.0	10.3	103		70 - 130
4-Chlorotoluene	10.0	12.7	127		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.94	89.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	9.53	95.3		70 - 130
Dibromomethane	10.0	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	9.88	98.8		70 - 130
1,3-Dichlorobenzene	10.0	11.2	112		70 - 130
1,4-Dichlorobenzene	10.0	10.3	103		70 - 130
trans-1,4-Dichloro-2-butene	10.0	13.0	130		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.83	98.3	40 - 160
1,1-Dichloroethane	10.0	10.5	105	70 - 130
1,2-Dichloroethane	10.0	11.1	111	70 - 130
1,1-Dichloroethylene	10.0	8.61	86.1	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101	70 - 130
1,2-Dichloropropane	10.0	10.9	109	70 - 130
1,3-Dichloropropane	10.0	9.77	97.7	70 - 130
2,2-Dichloropropane	10.0	11.7	117	40 - 130
1,1-Dichloropropene	10.0	10.9	109	70 - 130
cis-1,3-Dichloropropene	10.0	11.3	113	70 - 130
trans-1,3-Dichloropropene	10.0	11.0	110	70 - 130
Diethyl Ether	10.0	10.8	108	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.9	109	70 - 130
1,4-Dioxane	100	121	121	40 - 130
Ethylbenzene	10.0	11.0	110	70 - 130
Hexachlorobutadiene	10.0	9.69	96.9	70 - 130
2-Hexanone (MBK)	100	107	107	70 - 160
Isopropylbenzene (Cumene)	10.0	12.5	125	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.7	107	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.0	100	70 - 130
Methylene Chloride	10.0	8.54	85.4	70 - 130
4-Methyl-2-pentanone (MIBK)	100	107	107	70 - 160
Naphthalene	10.0	9.85	98.5	40 - 130
n-Propylbenzene	10.0	10.5	105	70 - 130
Styrene	10.0	11.9	119	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9	109	70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.5	125	70 - 130
Tetrachloroethylene	10.0	9.16	91.6	70 - 130
Tetrahydrofuran	10.0	11.9	119	70 - 130
Toluene	10.0	9.43	94.3	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.37	93.7	70 - 130
1,2,4-Trichlorobenzene	10.0	10.4	104	70 - 130
1,3,5-Trichlorobenzene	10.0	7.70	77.0	70 - 130
1,1,1-Trichloroethane	10.0	11.3	113	70 - 130
1,1,2-Trichloroethane	10.0	8.50	85.0	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.7	107	70 - 130
1,2,3-Trichloropropane	10.0	12.8	128	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.47	84.7	70 - 130
1,2,4-Trimethylbenzene	10.0	9.50	95.0	70 - 130
1,3,5-Trimethylbenzene	10.0	12.2	122	70 - 130
Vinyl Chloride	10.0	8.75	87.5	40 - 160
m+p Xylene	20.0	22.0	110	70 - 130
o-Xylene	10.0	11.8	118	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	115	115	16.2	25	70 - 160
Acrylonitrile	10.0	8.94	89.4	11.0	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.4	104	0.953	25	70 - 130
Benzene	10.0	11.4	114	7.50	25	70 - 130
Bromobenzene	10.0	10.6	106	5.86	25	70 - 130
Bromochloromethane	10.0	12.8	128	5.70	25	70 - 130
Bromodichloromethane	10.0	9.20	92.0	3.73	25	70 - 130
Bromoform	10.0	10.7	107	19.3	25	70 - 130
Bromomethane	10.0	7.16	71.6	11.2	25	40 - 160
2-Butanone (MEK)	100	118	118	10.4	25	40 - 160
tert-Butyl Alcohol (TBA)	100	90.3	90.3	23.3	25	40 - 160
n-Butylbenzene	10.0	9.17	91.7	7.45	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.4	104		6.14	25	70 - 130
tert-Butylbenzene	10.0	10.8	108		8.03	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.6	106		1.23	25	70 - 130
Carbon Disulfide	10.0	13.2	132	*	1.51	25	70 - 130
Carbon Tetrachloride	10.0	10.8	108		0.184	25	70 - 130
Chlorobenzene	10.0	10.5	105		1.97	25	70 - 130
Chlorodibromomethane	10.0	11.5	115		13.4	25	70 - 130
Chloroethane	10.0	9.21	92.1		0.00	25	70 - 130
Chloroform	10.0	11.7	117		2.25	25	70 - 130
Chloromethane	10.0	10.6	106		1.52	25	40 - 160
2-Chlorotoluene	10.0	11.2	112		8.67	25	70 - 130
4-Chlorotoluene	10.0	11.0	110		15.0	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.24	82.4		8.15	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103		7.57	25	70 - 130
Dibromomethane	10.0	10.5	105		3.00	25	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106		7.22	25	70 - 130
1,3-Dichlorobenzene	10.0	10.6	106		5.88	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108		4.72	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.7	107		19.1	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	8.90	89.0		9.93	25	40 - 160
1,1-Dichloroethane	10.0	10.8	108		3.00	25	70 - 130
1,2-Dichloroethane	10.0	11.0	110		0.271	25	70 - 130
1,1-Dichloroethylene	10.0	8.26	82.6		4.15	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.4	114		4.38	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101		0.197	25	70 - 130
1,2-Dichloropropane	10.0	11.0	110		0.549	25	70 - 130
1,3-Dichloropropane	10.0	11.1	111		12.7	25	70 - 130
2,2-Dichloropropane	10.0	11.8	118		1.62	25	40 - 130
1,1-Dichloropropene	10.0	11.8	118		7.90	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	12.0	120	6.36	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.8	128	14.4	25	70 - 130
Diethyl Ether	10.0	9.81	98.1	10.1	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	11.2	112	3.26	25	70 - 130
1,4-Dioxane	100	106	106	13.8	50	40 - 130
Ethylbenzene	10.0	10.8	108	2.57	25	70 - 130
Hexachlorobutadiene	10.0	9.95	99.5	2.65	25	70 - 130
2-Hexanone (MBK)	100	111	111	3.85	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.7	127	1.58	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.3	113	5.45	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	8.96	89.6	11.1	25	70 - 130
Methylene Chloride	10.0	8.00	80.0	6.53	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104	2.40	25	70 - 160
Naphthalene	10.0	9.52	95.2	3.41	25	40 - 130
n-Propylbenzene	10.0	11.1	111	5.46	25	70 - 130
Styrene	10.0	11.3	113	4.92	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.2	102	6.71	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.3	103	19.1	25	70 - 130
Tetrachloroethylene	10.0	10.1	101	9.56	25	70 - 130
Tetrahydrofuran	10.0	11.1	111	7.65	25	70 - 130
Toluene	10.0	10.7	107	12.7	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.28	92.8	0.965	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.87	88.7	15.4	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.45	84.5	9.29	25	70 - 130
1,1,1-Trichloroethane	10.0	11.9	119	5.27	25	70 - 130
1,1,2-Trichloroethane	10.0	9.97	99.7	15.9	25	70 - 130
Trichloroethylene	10.0	10.5	105	1.42	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.2	102	4.90	25	70 - 130
1,2,3-Trichloropropane	10.0	10.4	104	20.7	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042460	Laboratory ID:	B042460-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.18	81.8	3.48	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.0	110	14.8	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.6	106	14.0	25	70 - 130
Vinyl Chloride	10.0	8.10	81.0	7.72	25	40 - 160
m+p Xylene	20.0	21.4	107	2.71	25	70 - 130
o-Xylene	10.0	11.1	111	6.81	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042460-BLK1	Batch:	B042460

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B042460-BSD1	VC346005.D	09:13
LCS	B042460-BS1	VC346004.D	08:43
PW20-175	11L0105-06	VC346022.D	17:49
PW20-150	11L0105-05	VC346021.D	17:19
PW20-125D	11L0105-04	VC346020.D	16:48
PW20-125	11L0105-03	VC346019.D	16:18
PW20-100	11L0105-02	VC346018.D	15:48
TB-120111	11L0105-01	VC346011.D	12:16

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC346001.D	Injection Date:	12/12/11
Instrument ID:	GCMSVOA3	Injection Time:	07:11
Sequence:	S001575	Lab Sample ID:	S001575-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20	PASS
75	30 - 60% of 95	45.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	88.8	PASS
175	5 - 9% of 174	8.8	PASS
176	95 - 101% of 174	95.5	PASS
177	5 - 9% of 176	6.45	PASS

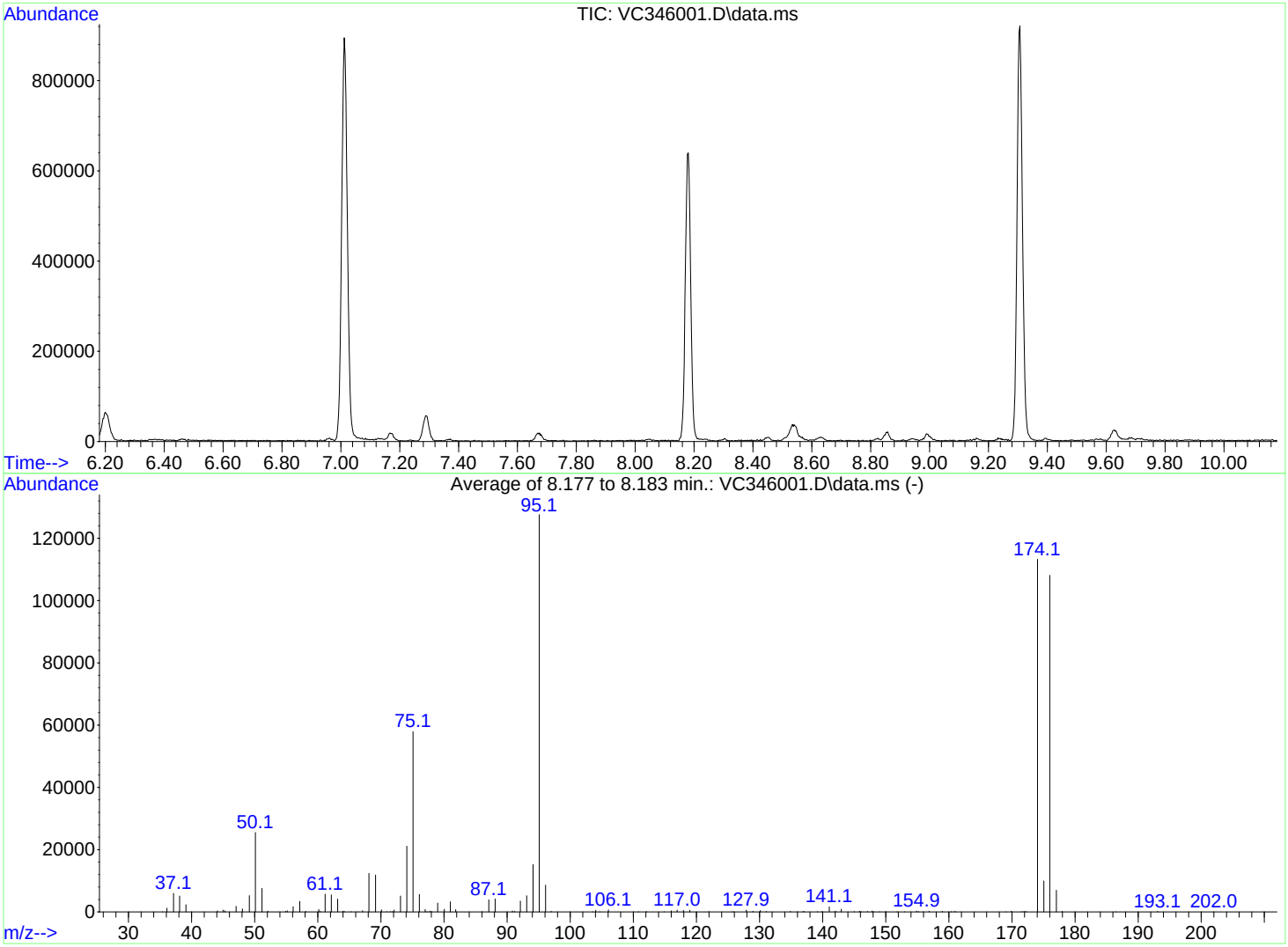
Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001575-CCV1	VC346002.D	12/12/2011	7:43:00
LCS	B042460-BS1	VC346004.D	12/12/2011	8:43:00
LCS Dup	B042460-BSD1	VC346005.D	12/12/2011	9:13:00
Blank	B042460-BLK1	VC346007.D	12/12/2011	10:14:00
TB-120111	11L0105-01	VC346011.D	12/12/2011	12:16:00
PW20-100	11L0105-02	VC346018.D	12/12/2011	15:48:00
PW20-125	11L0105-03	VC346019.D	12/12/2011	16:18:00
PW20-125D	11L0105-04	VC346020.D	12/12/2011	16:48:00
PW20-150	11L0105-05	VC346021.D	12/12/2011	17:19:00
PW20-175	11L0105-06	VC346022.D	12/12/2011	17:49:00

98

Data Path : Y:\1\DATA\121211\
Data File : VC346001.D
Acq On : 12 Dec 2011 7:11 am
Operator :
Sample : BFB
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2646, 2647, 2648; Background Corrected with Scan 2633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	25525	PASS
75	95	30	60	45.4	57925	PASS
95	95	100	100	100.0	127611	PASS
96	95	5	9	6.8	8619	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.8	113272	PASS
175	174	5	9	8.8	9966	PASS
176	174	95	101	95.5	108141	PASS
177	176	5	9	6.4	6973	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0105

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

con-test® ANALYTICAL LABORATORY
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011 11:10 am	VC341001.D	CLEAN UP	
7 Dec 2011 11:41 am	VC341002.D	CLEAN UP	
7 Dec 2011 12:11 pm	VC341003.D	CLEAN UP	
7 Dec 2011 12:41 pm	VC341004.D	BFB	
7 Dec 2011 1:12 pm	VC341005.D	8260 STD 0.4 PPB	
7 Dec 2011 1:42 pm	VC341006.D	8260 STD 0.5 PPB	
7 Dec 2011 2:12 pm	VC341007.D	8260 STD 1.0 PPB	
7 Dec 2011 2:43 pm	VC341008.D	8260 STD 2.0 PPB	
7 Dec 2011 3:13 pm	VC341009.D	8260 STD 5.0 PPB	
7 Dec 2011 3:43 pm	VC341010.D	8260 STD 10 PPB	
7 Dec 2011 4:13 pm	VC341011.D	8260 STD 20 PPB	
7 Dec 2011 4:44 pm	VC341012.D	8260 STD 50 PPB	
7 Dec 2011 5:14 pm	VC341013.D	8260 STD 100 PPB	
7 Dec 2011 5:44 pm	VC341014.D	8260 STD 200 PPB	
7 Dec 2011 6:15 pm	VC341015.D	CLEAN UP	
7 Dec 2011 6:45 pm	VC341016.D	CLEAN UP	
7 Dec 2011 7:15 pm	VC341017.D	B042284-BS1	
7 Dec 2011 7:45 pm	VC341018.D	B042284-BSD1	
7 Dec 2011 8:16 pm	VC341019.D	CLEAN UP	
7 Dec 2011 8:46 pm	VC341020.D	B042284-BLK1	
7 Dec 2011 9:16 pm	VC341021.D	11L0095-01 @ TB	
7 Dec 2011 9:47 pm	VC341022.D	11L0095-02	
7 Dec 2011 10:17 pm	VC341023.D	11L0095-03	
7 Dec 2011 10:47 pm	VC341024.D	11L0095-04	
7 Dec 2011 11:18 pm	VC341025.D	11L0095-05	
7 Dec 2011 11:48 pm	VC341026.D	11L0095-06	
8 Dec 2011 12:18 am	VC341027.D	CLEAN UP	
8 Dec 2011 12:49 am	VC341028.D	CLEAN UP	
8 Dec 2011 1:19 am	VC341029.D	11L0150-01 TB LOT CHECK	
8 Dec 2011 1:50 am	VC341030.D	BFB	
8 Dec 2011 2:20 am	VC341031.D	8260STD 10PPB	
8 Dec 2011 2:51 am	VC341032.D	B0-BS1 RCP	
8 Dec 2011 3:21 am	VC341033.D	B0-BS1	
8 Dec 2011 3:52 am	VC341034.D	B0-BSD1	

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...				1.223	1.324	0.946	1.201	1.080	1.186		1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

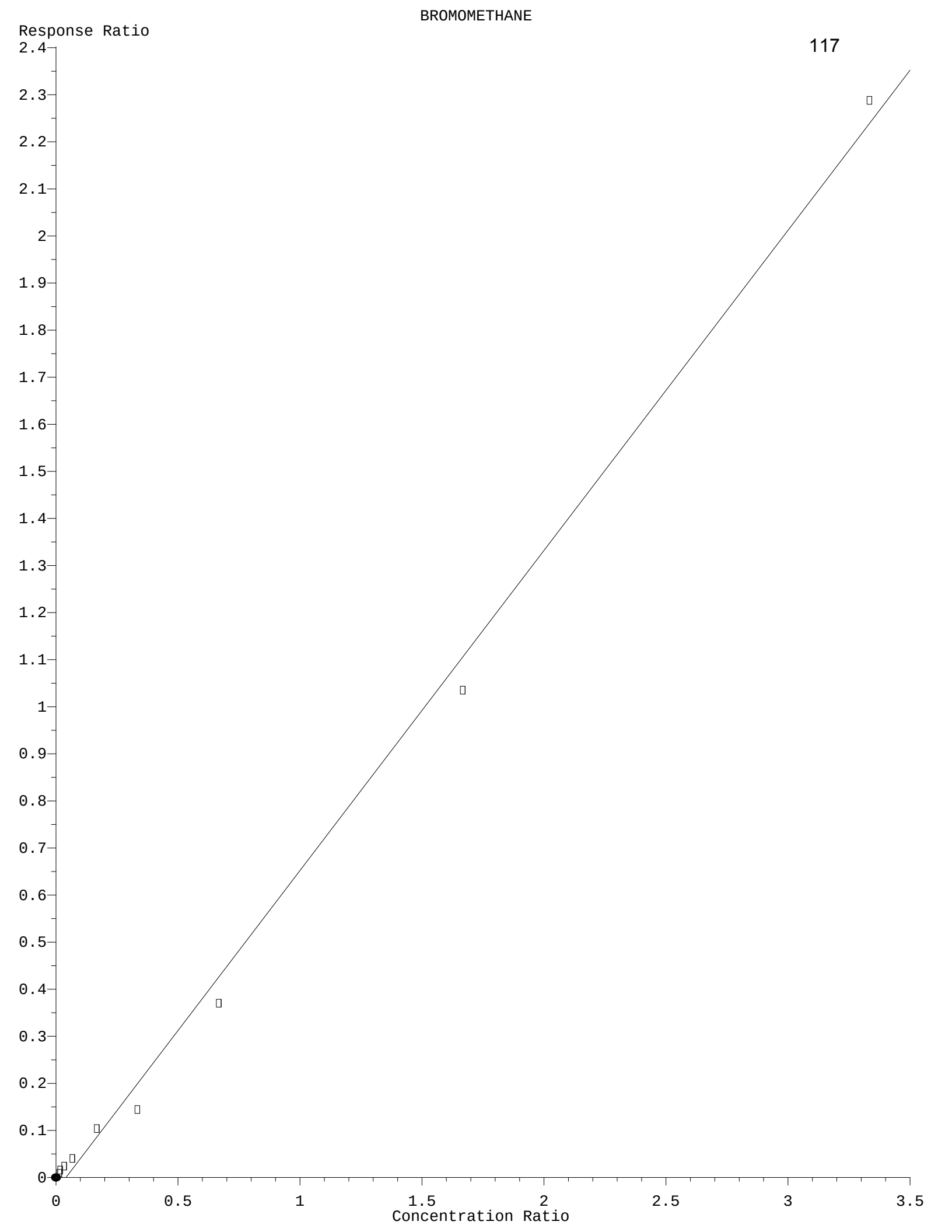
Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

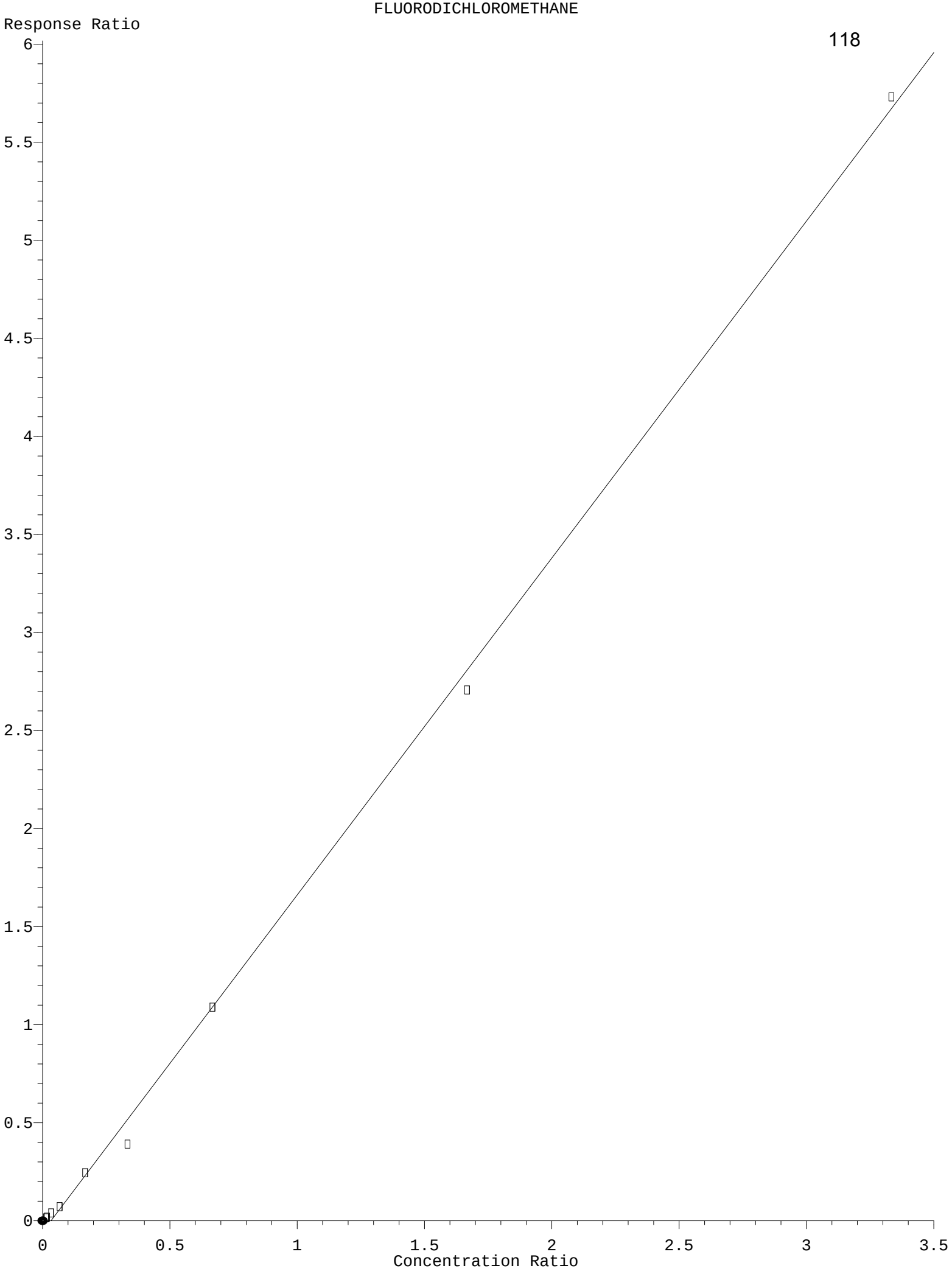
Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

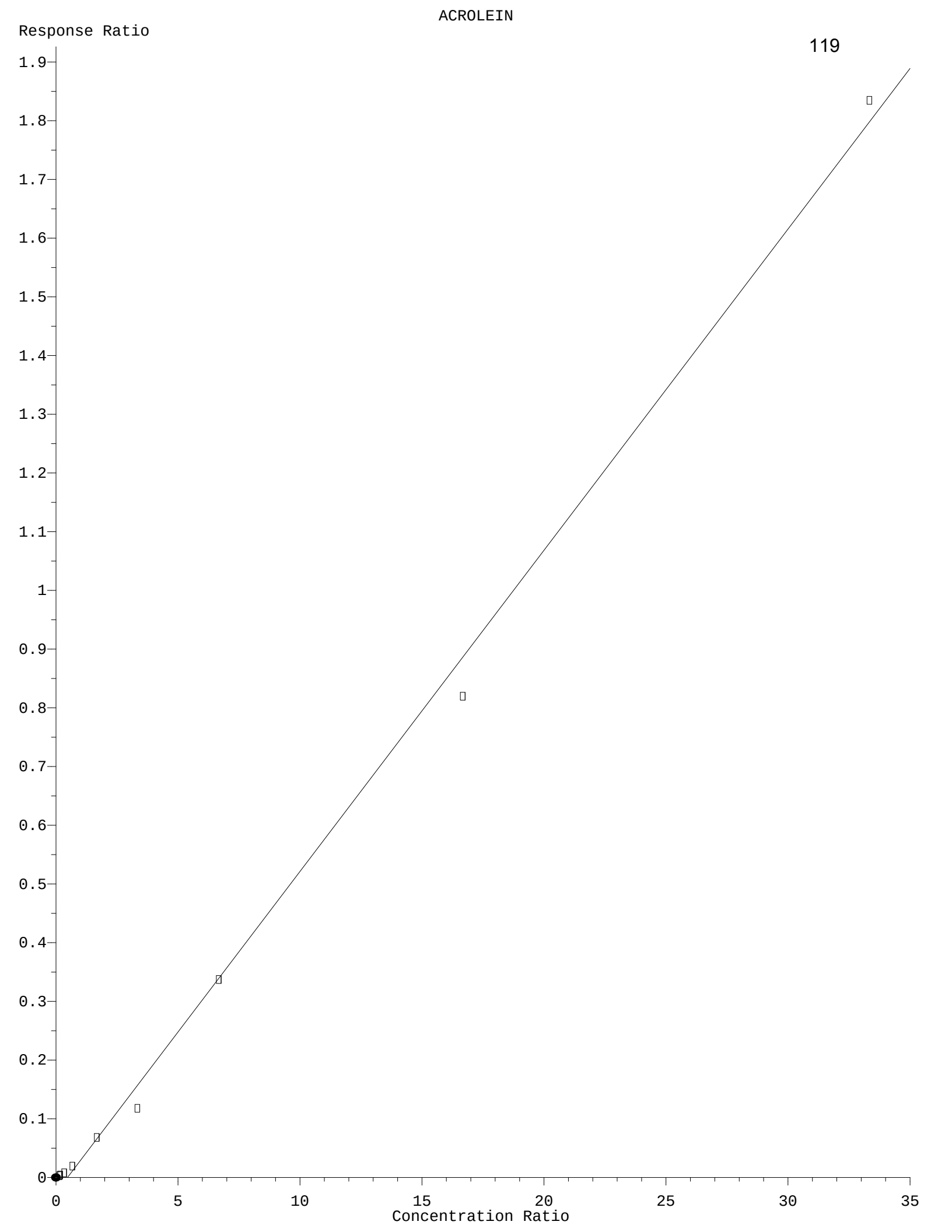
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

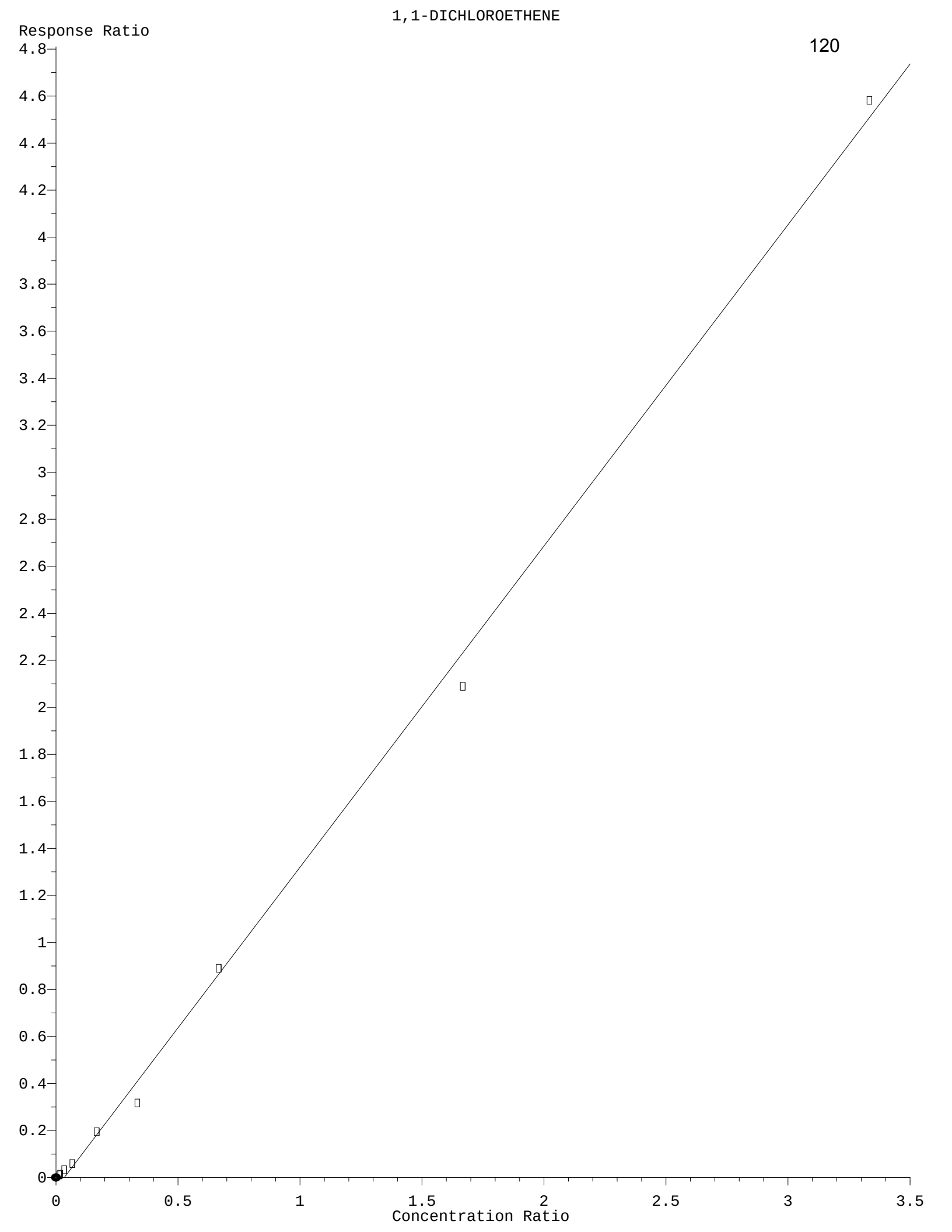
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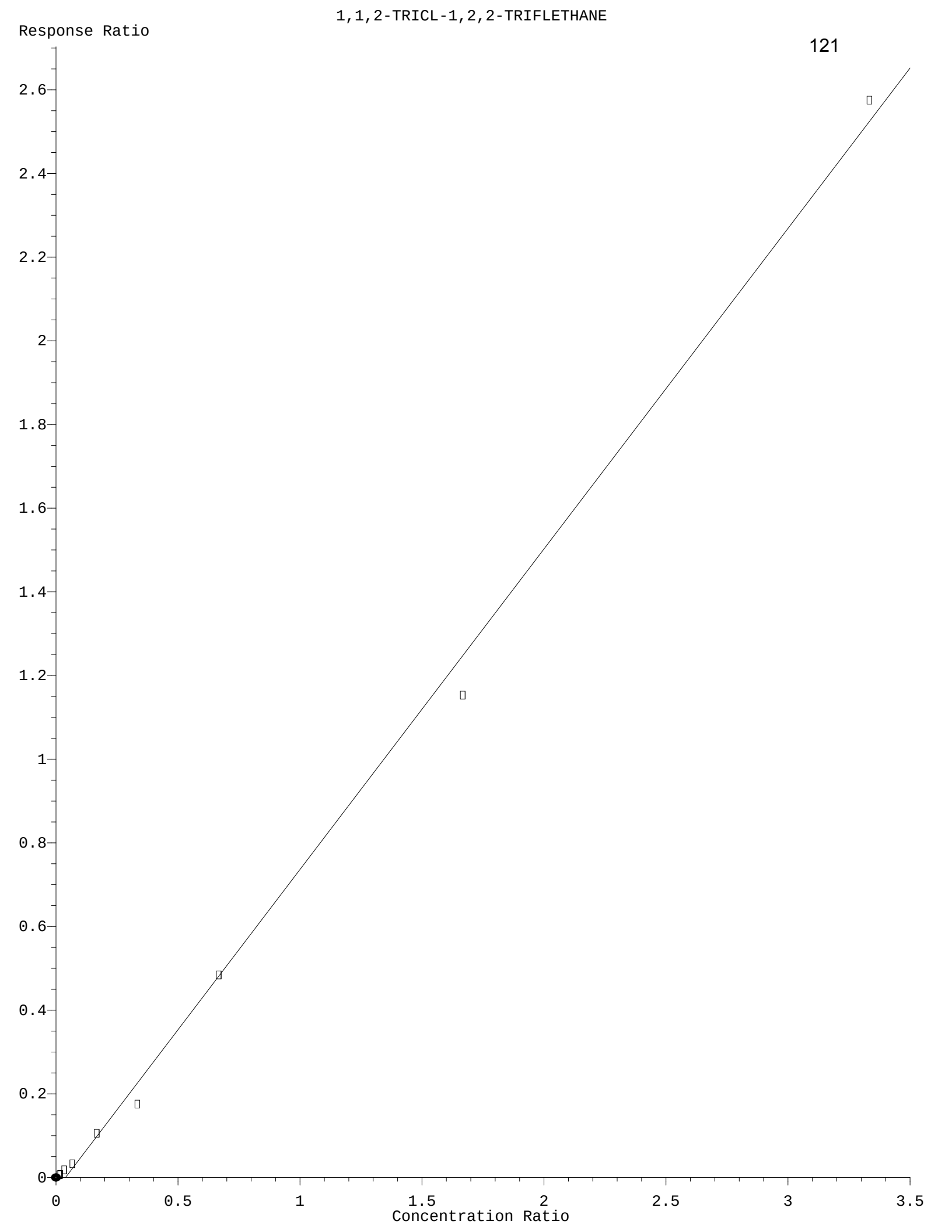

BROMOMETHANE
Response Ratio
117
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

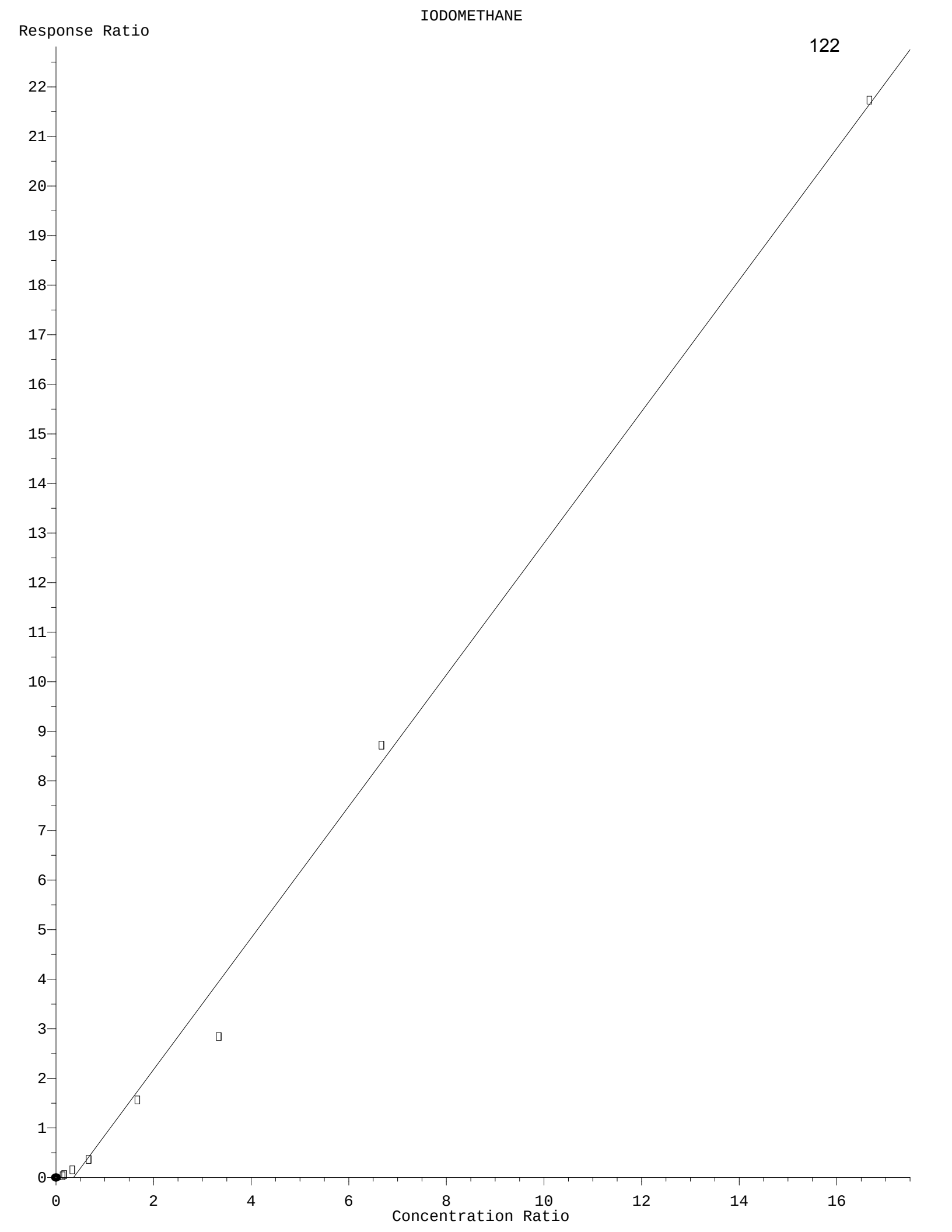
FLUORODICHLOROMETHANE

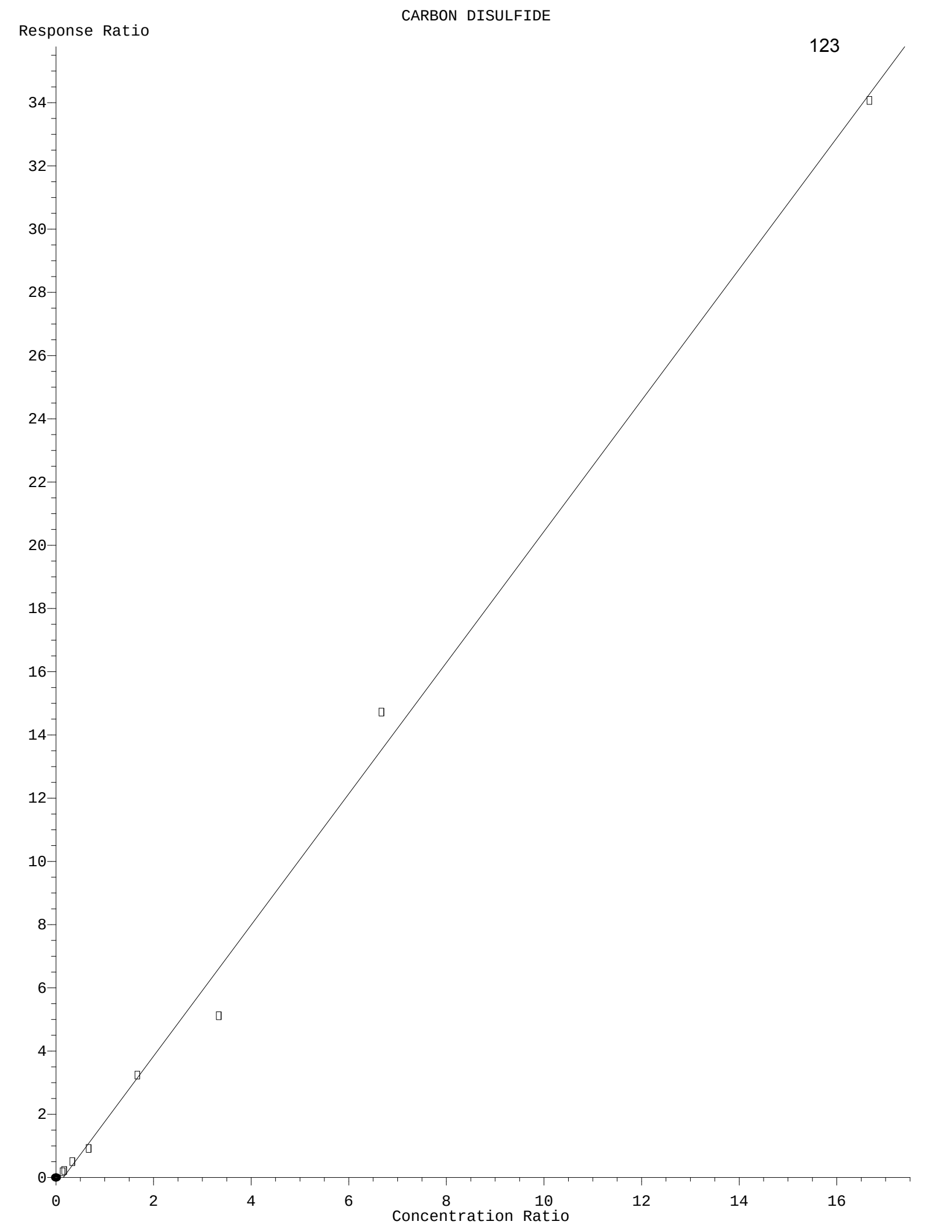


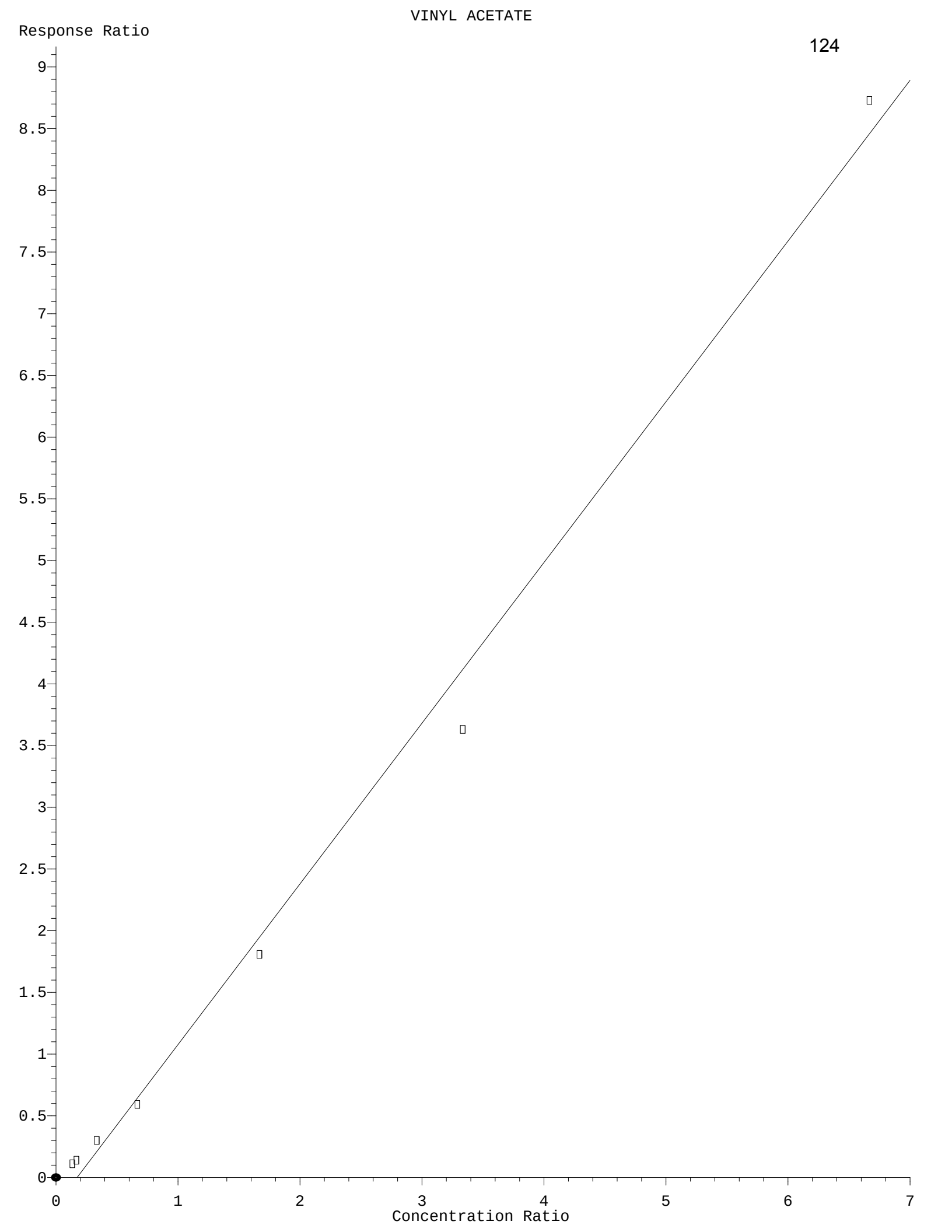

ACROLEIN
Response Ratio
119
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

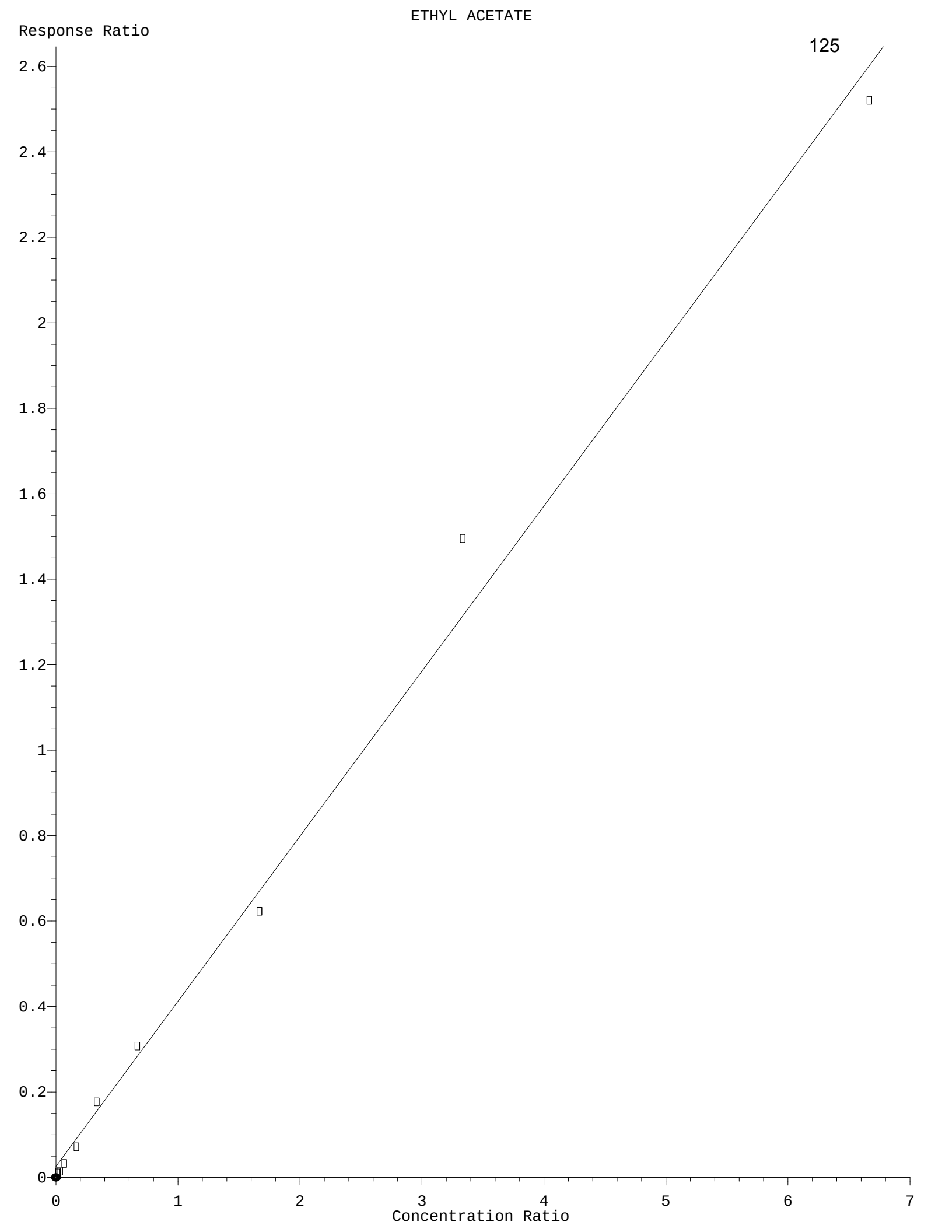

1,1-DICHLOROETHENE
Response Ratio
120
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

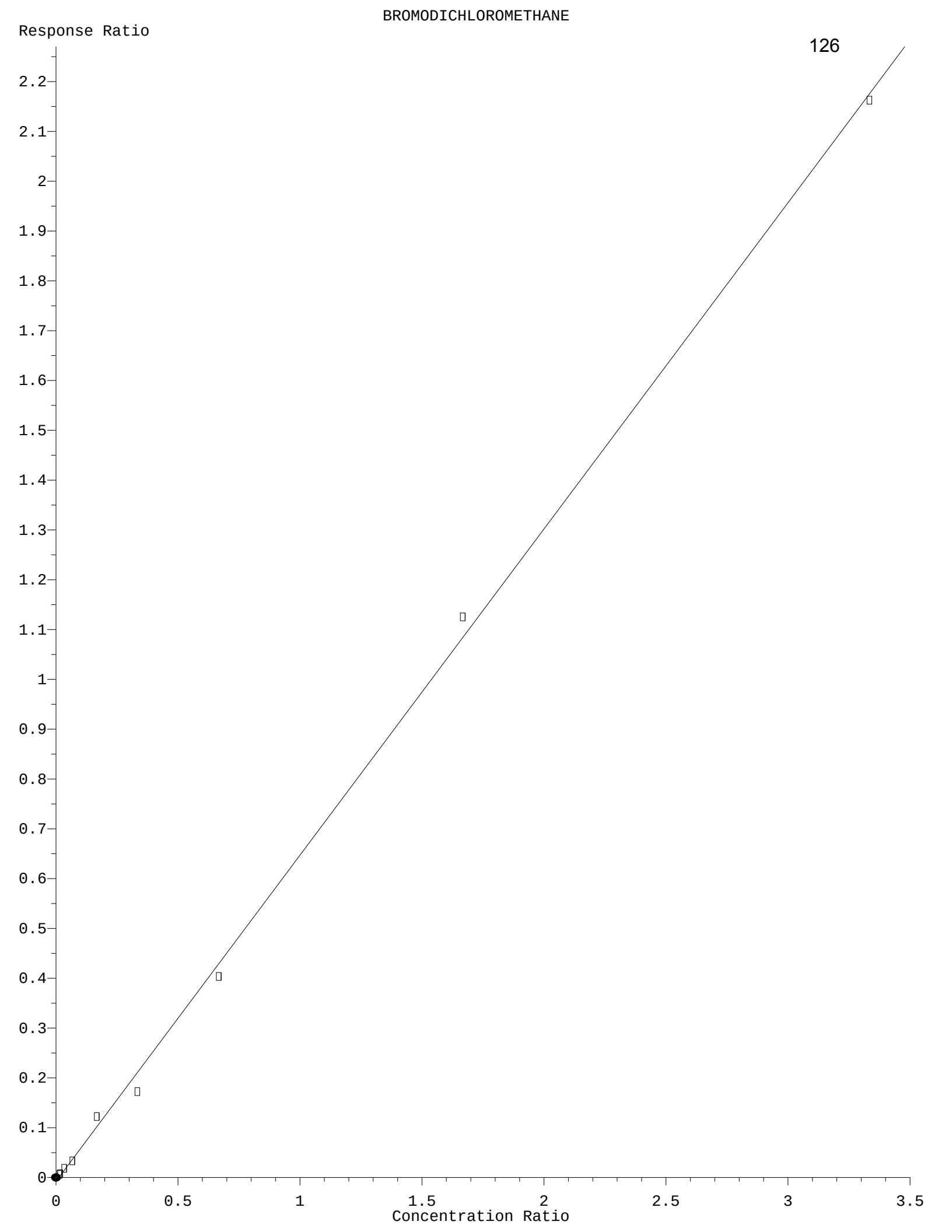

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
121
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

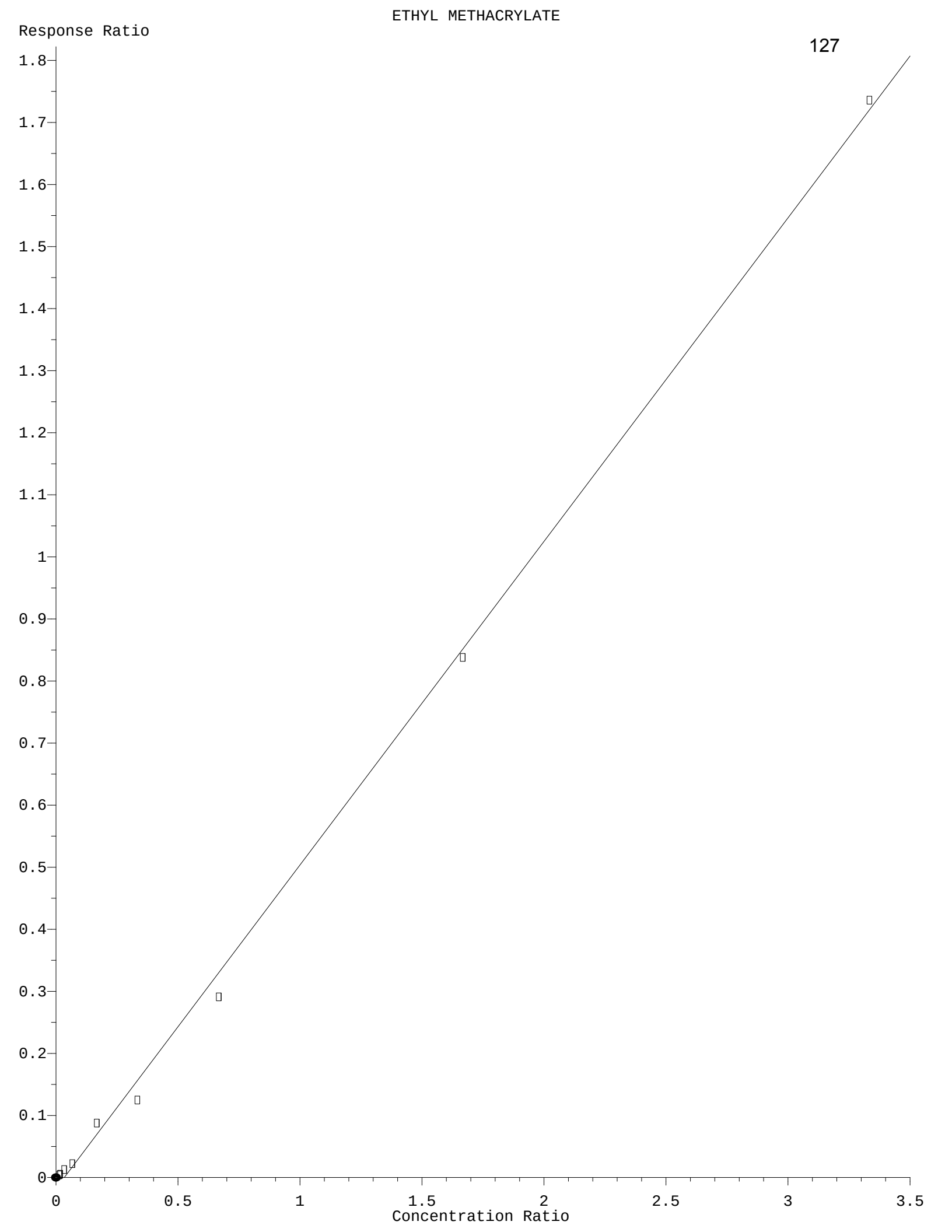

IODOMETHANE
Response Ratio
122
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

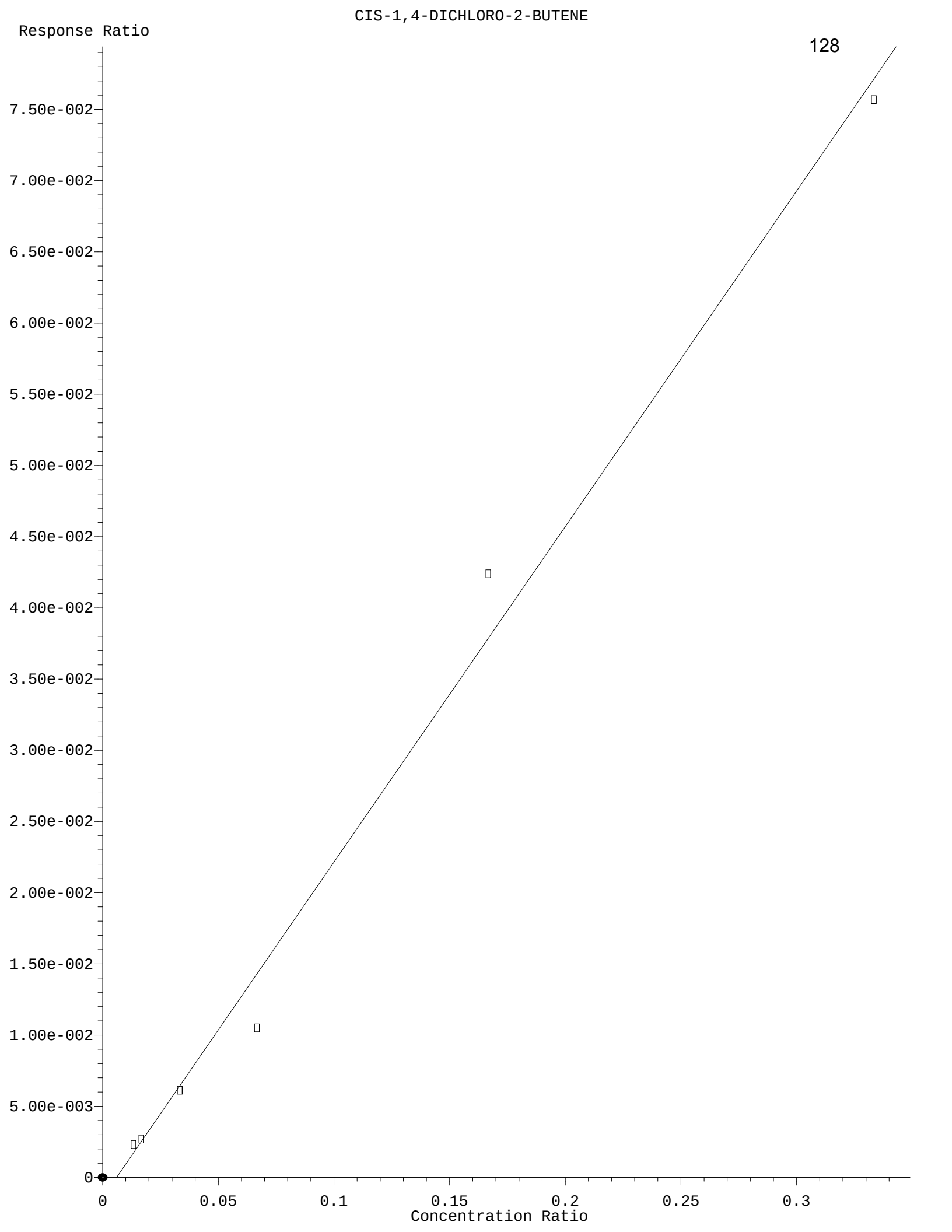

CARBON DISULFIDE
Response Ratio
123
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

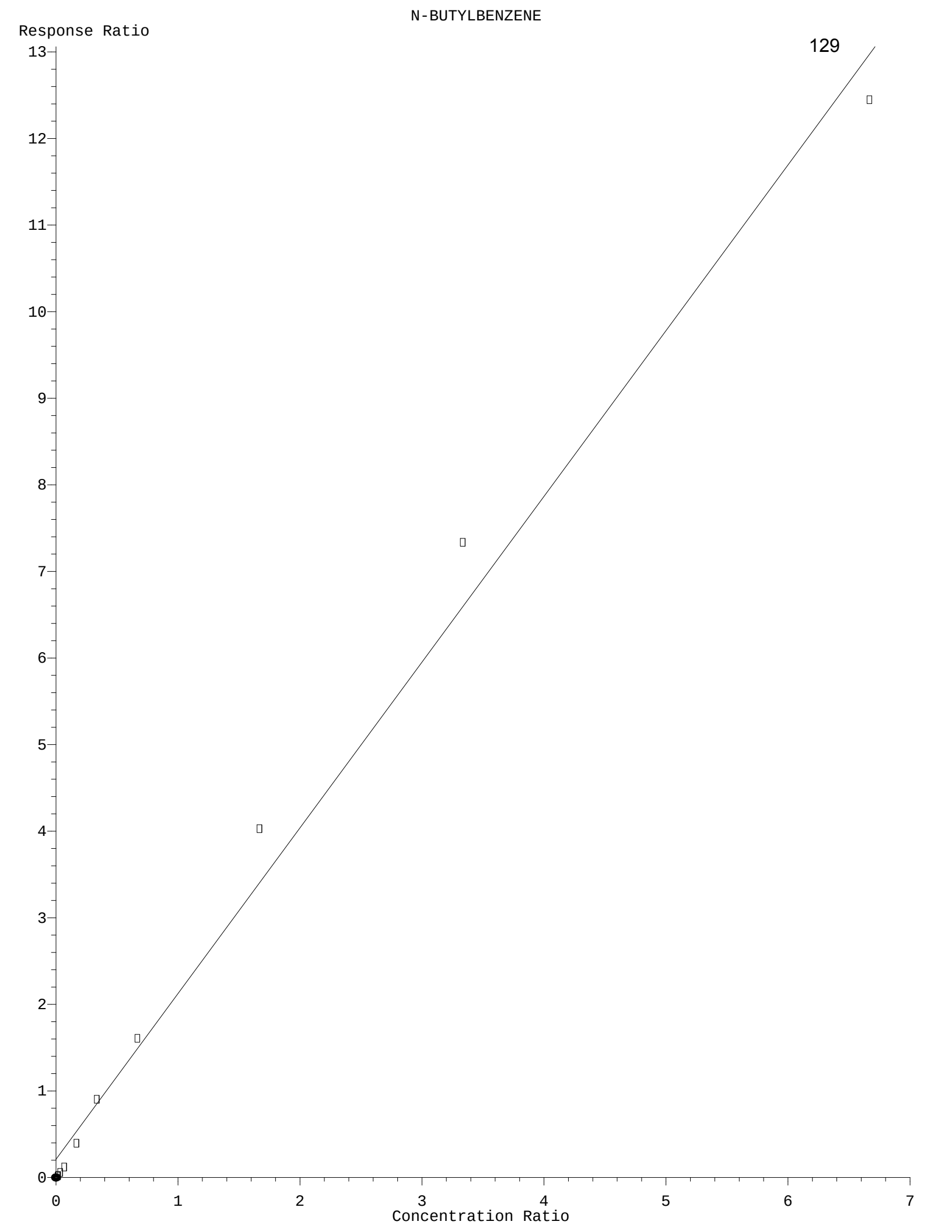

VINYL ACETATE
Response Ratio
124
9
8.5
8
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
1
2
3
4
5
6
7
Concentration Ratio

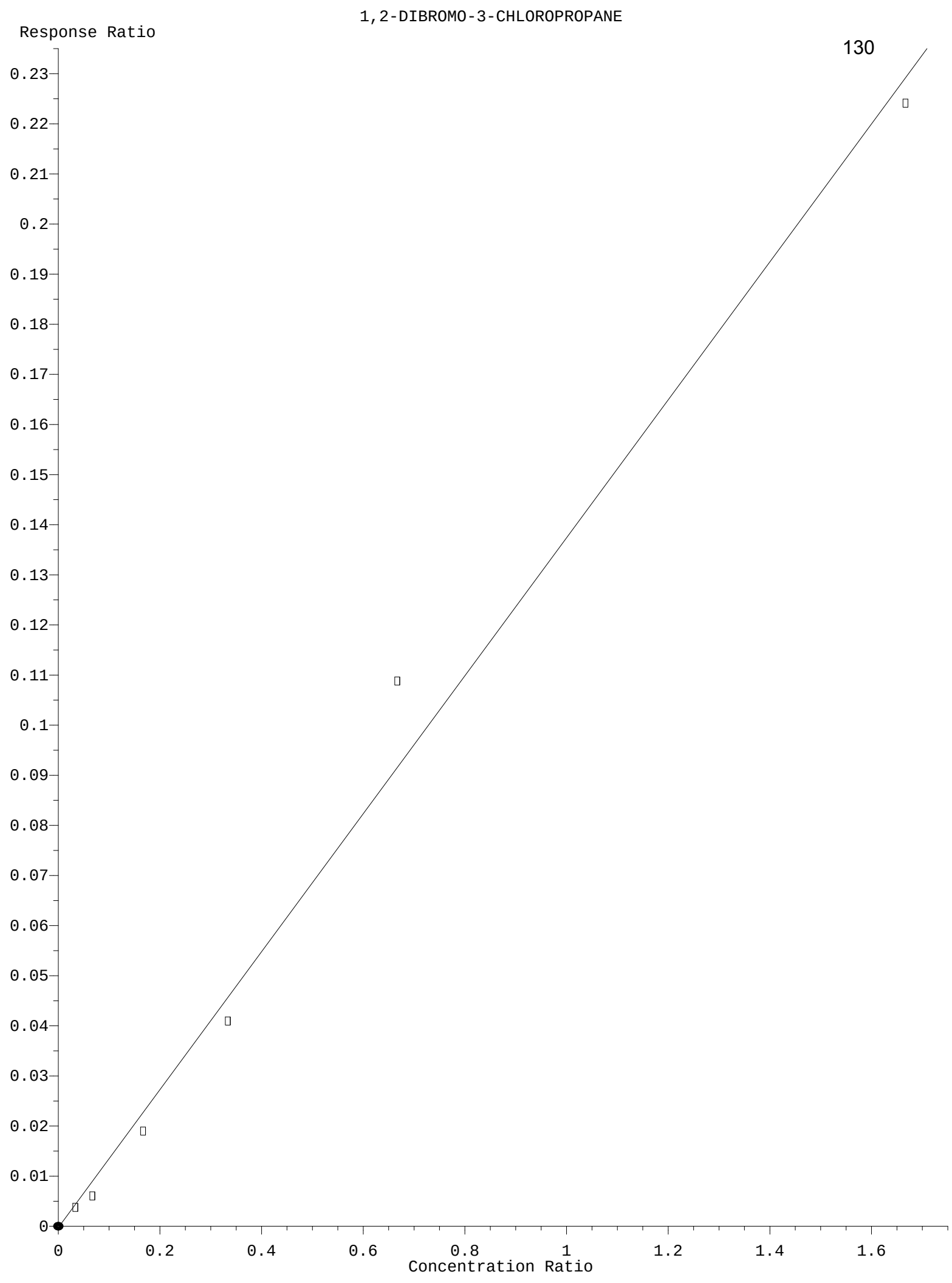

ETHYL ACETATE
Response Ratio
125
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

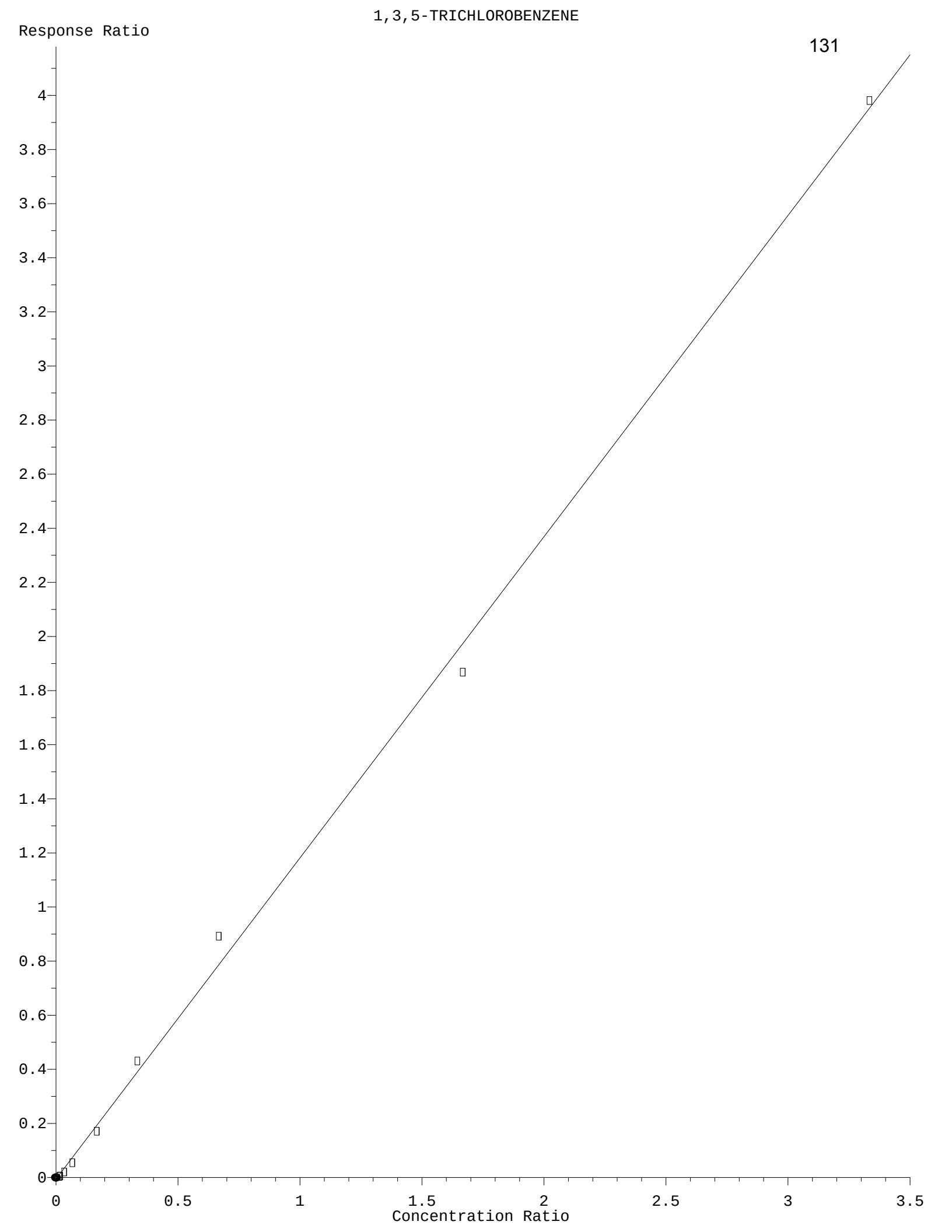

BROMODICHLOROMETHANE
Response Ratio
126
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

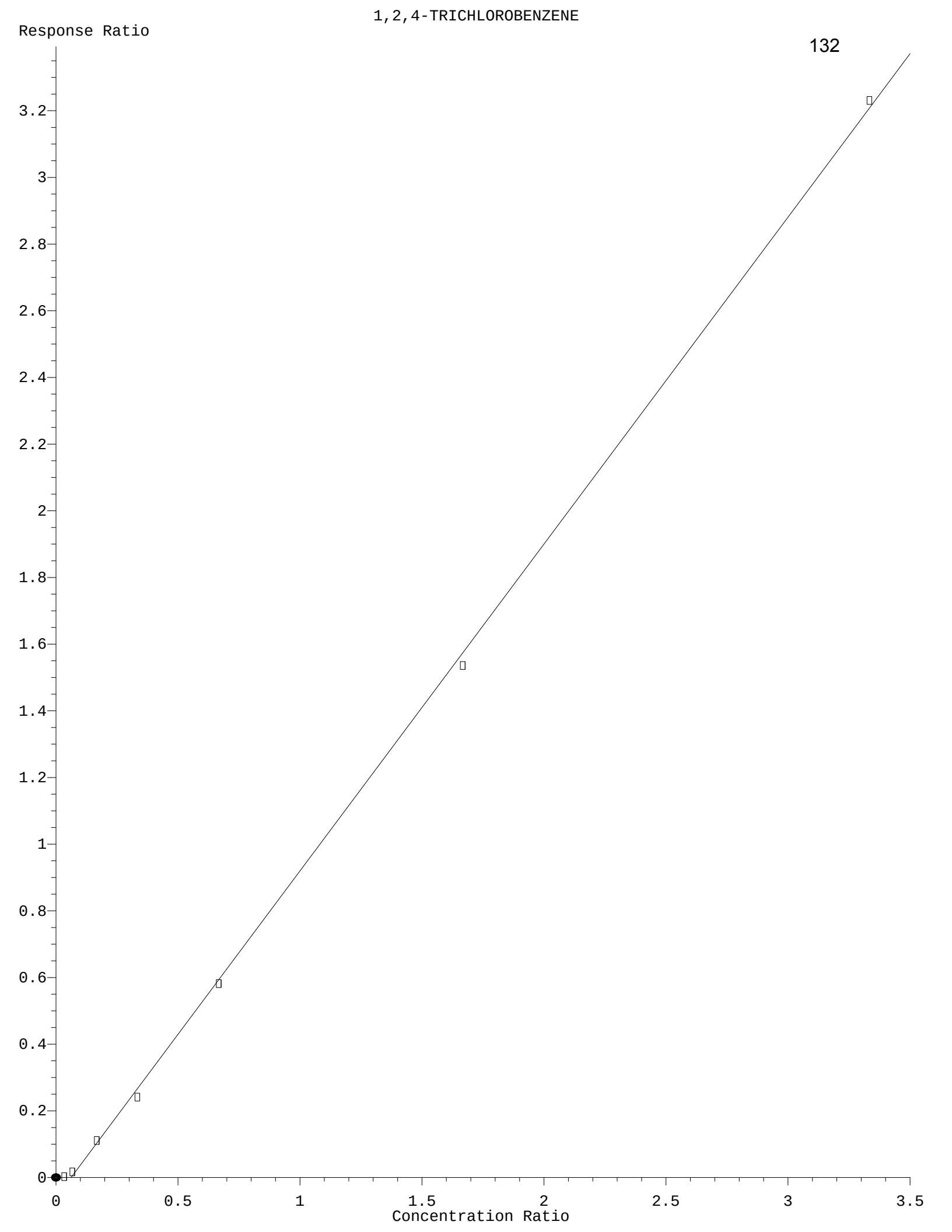

ETHYL METHACRYLATE
Response Ratio
127
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

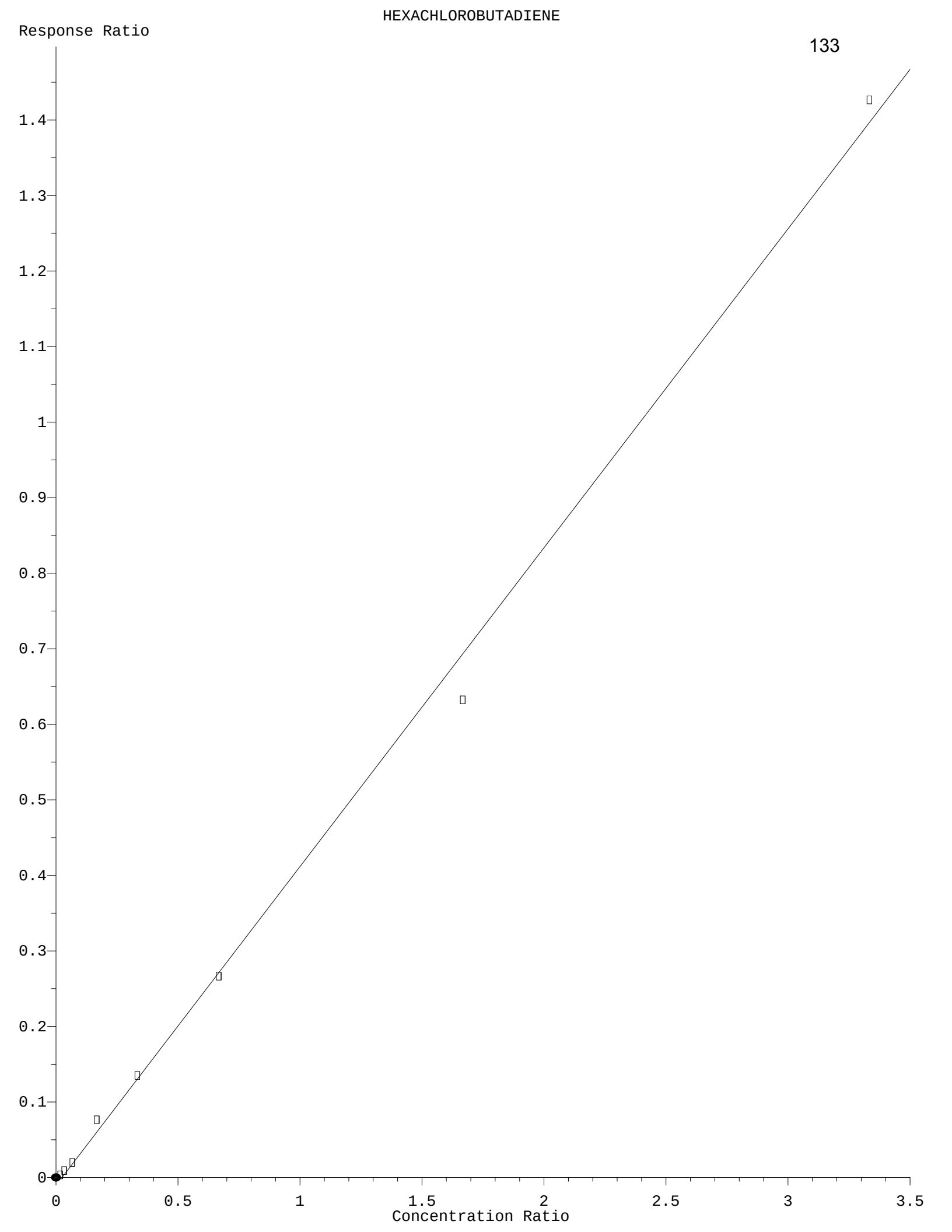

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
128
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

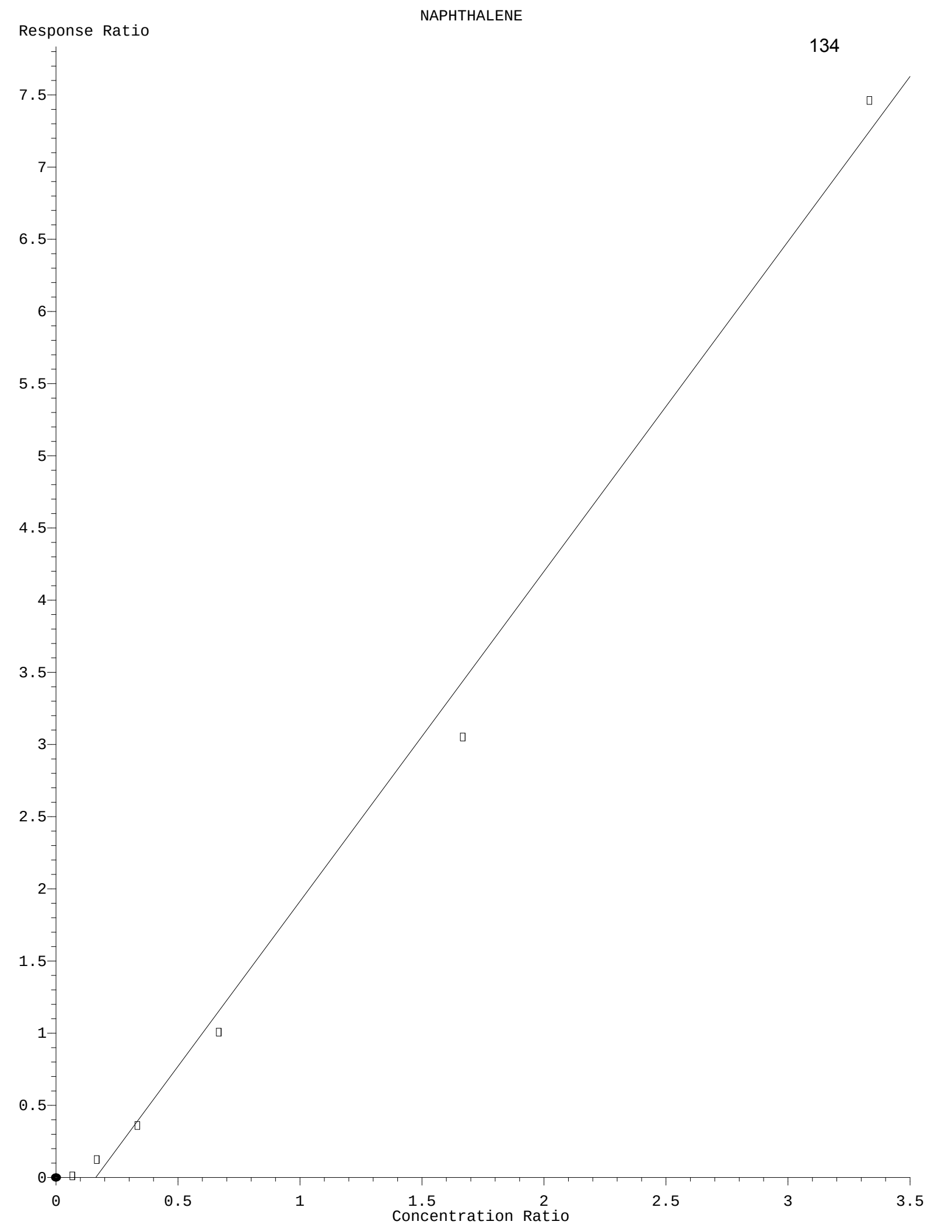

N-BUTYLBENZENE
Response Ratio
129
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

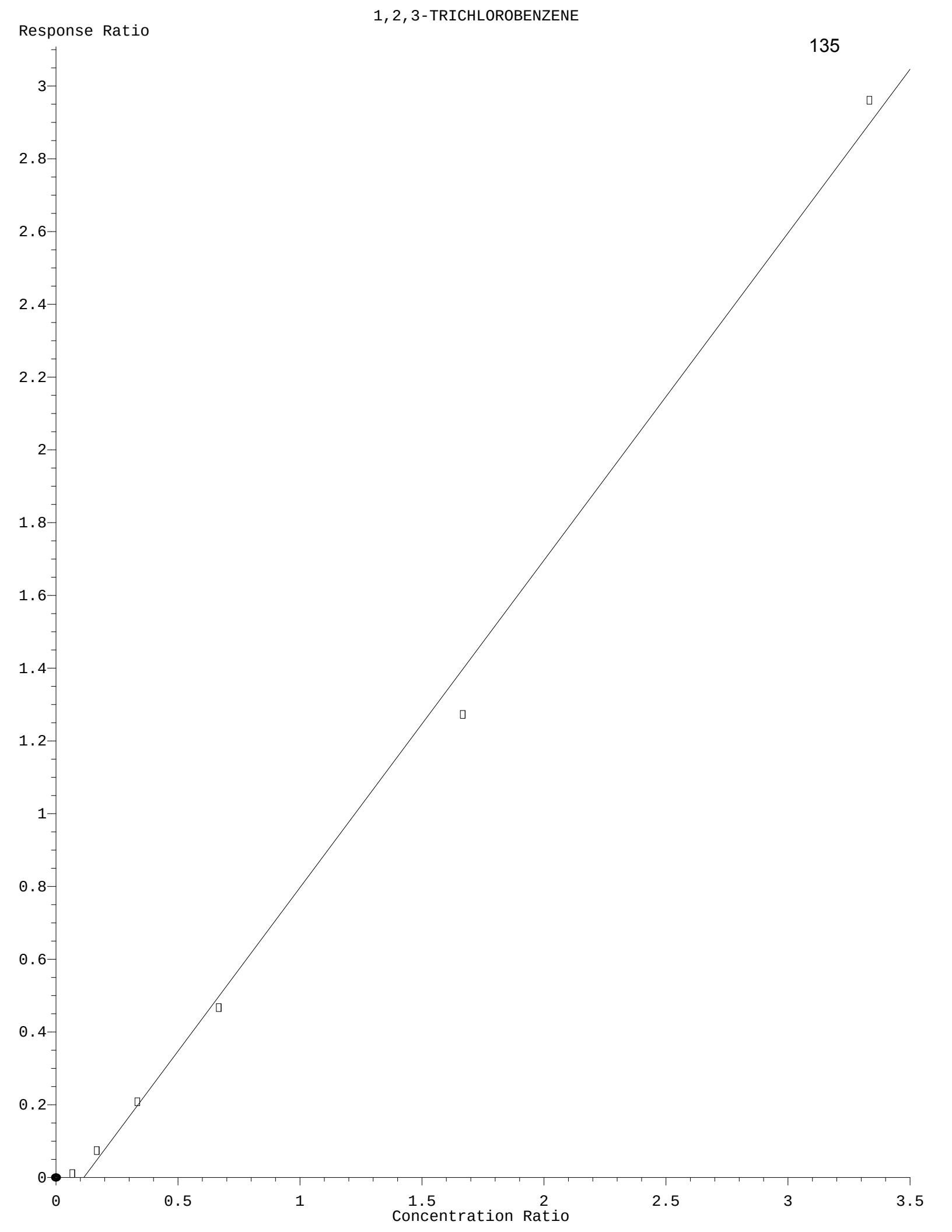

1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
130
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio


1,3,5-TRICHLOROBENZENE
Response Ratio
131
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
132
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
133
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

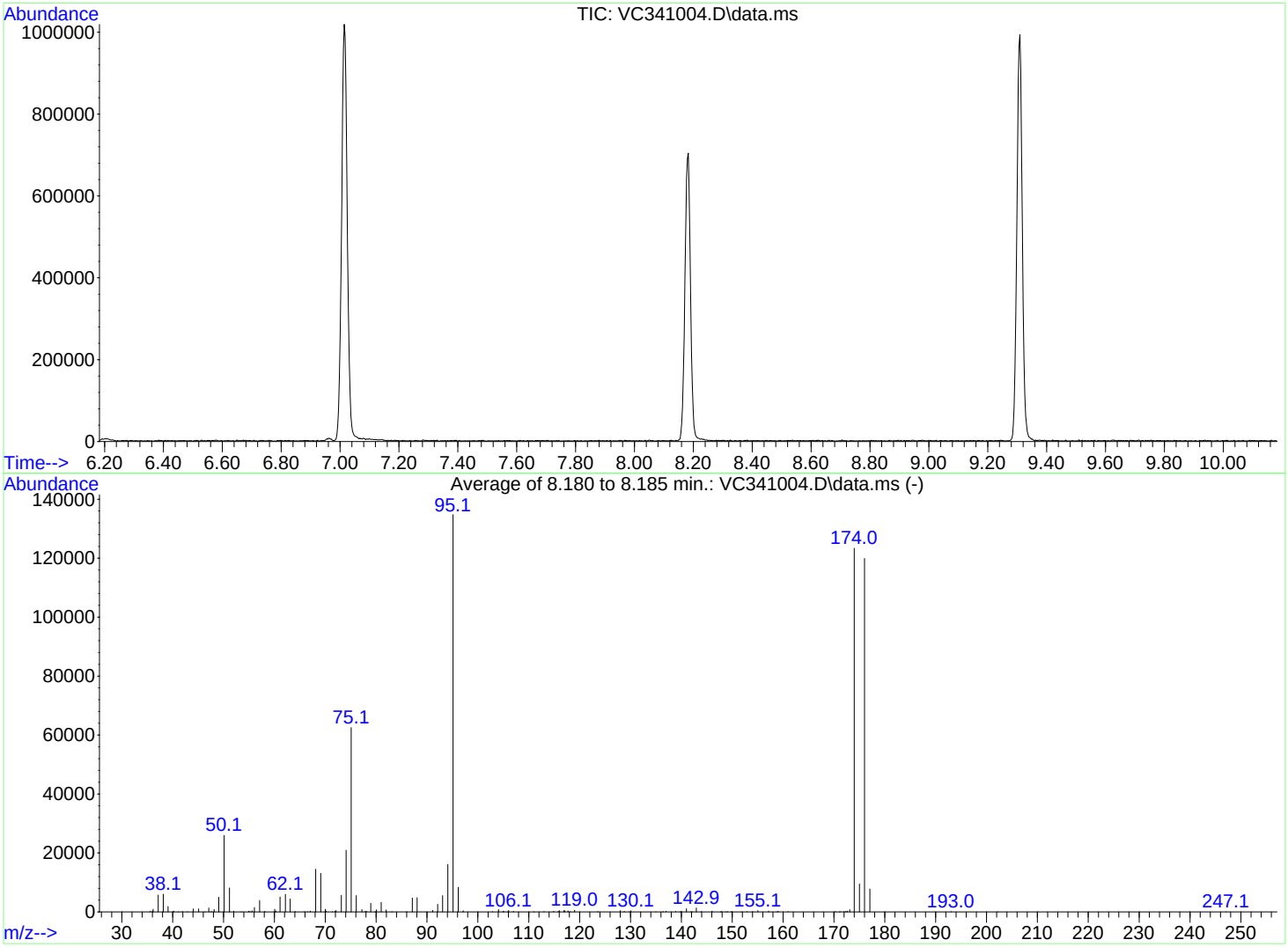

NAPHTHALENE
Response Ratio
134
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,3-TRICHLOROBENZENE
Response Ratio
135
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

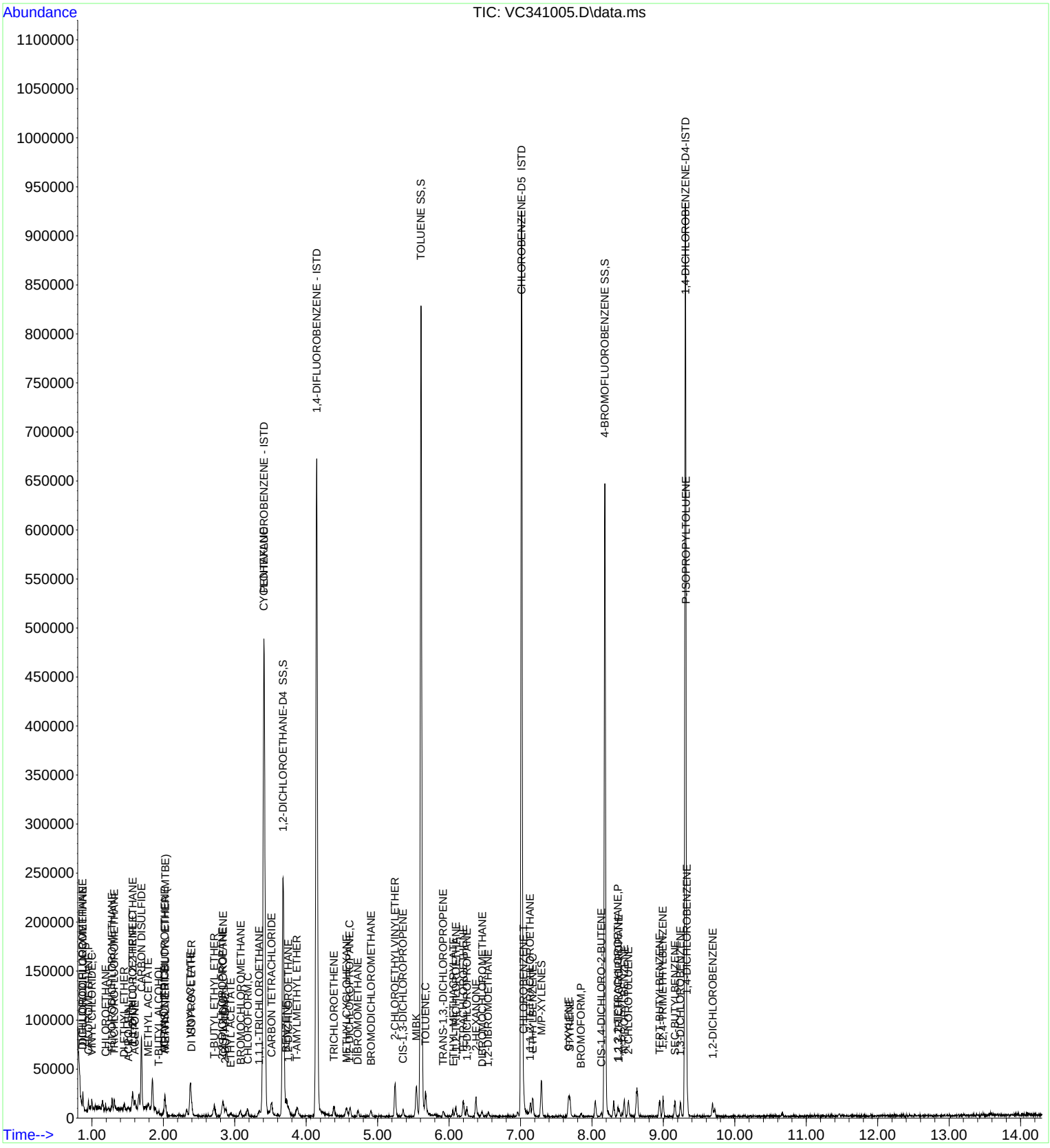
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

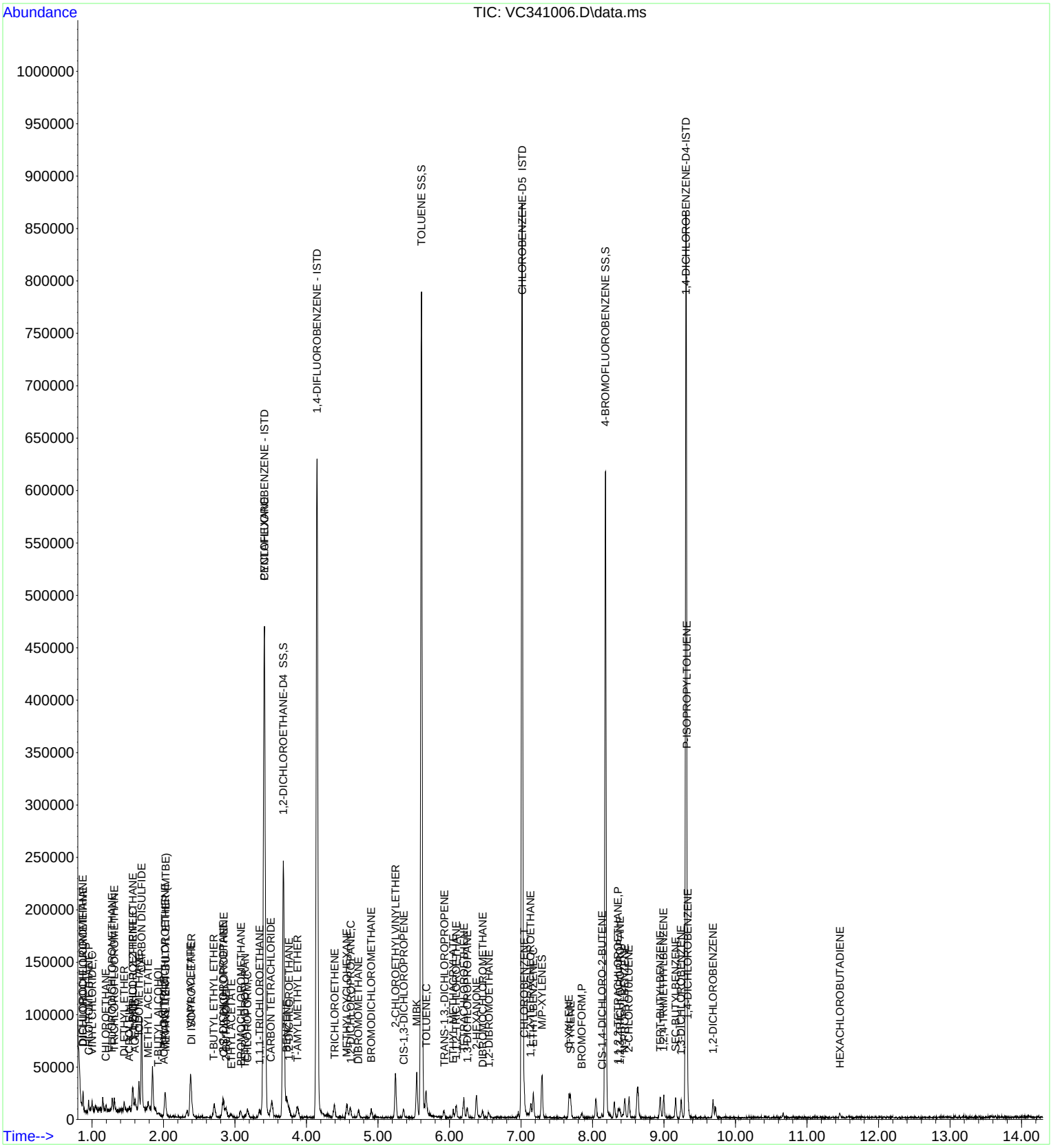
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	23542	4.06 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39 UG/L #	54
61) TOLUENE	5.676	91	12312	0.51 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44 UG/L #	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40 UG/L #	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59 UG/L	96
65) 2-HEXANONE	6.378	43	12753	3.59 UG/L	99
66) TETRACHLOROETHENE	6.203	166	3672	0.57 UG/L #	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39 UG/L	94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44 UG/L #	54
72) CHLOROBENZENE	7.045	112	8368	0.52 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46 UG/L #	90
74) ETHYLBENZENE	7.173	91	13127	0.50 UG/L	98
75) M/P-XYLENES	7.296	91	20611	1.00 UG/L #	60
76) 0-XYLENE	7.670	91	9670	0.44 UG/L	100
77) STYRENE	7.695	104	6941	0.39 UG/L	97
78) BROMOFORM	7.851	173	1534m	0.57 UG/L	
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal #	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal	
83) BROMOBENZENE	8.305	77	4946	Below Cal	95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64 UG/L #	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72 UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal	97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal #	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46 UG/L	98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49 UG/L	98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51 UG/L	95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46 UG/L	97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46 UG/L #	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal	99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

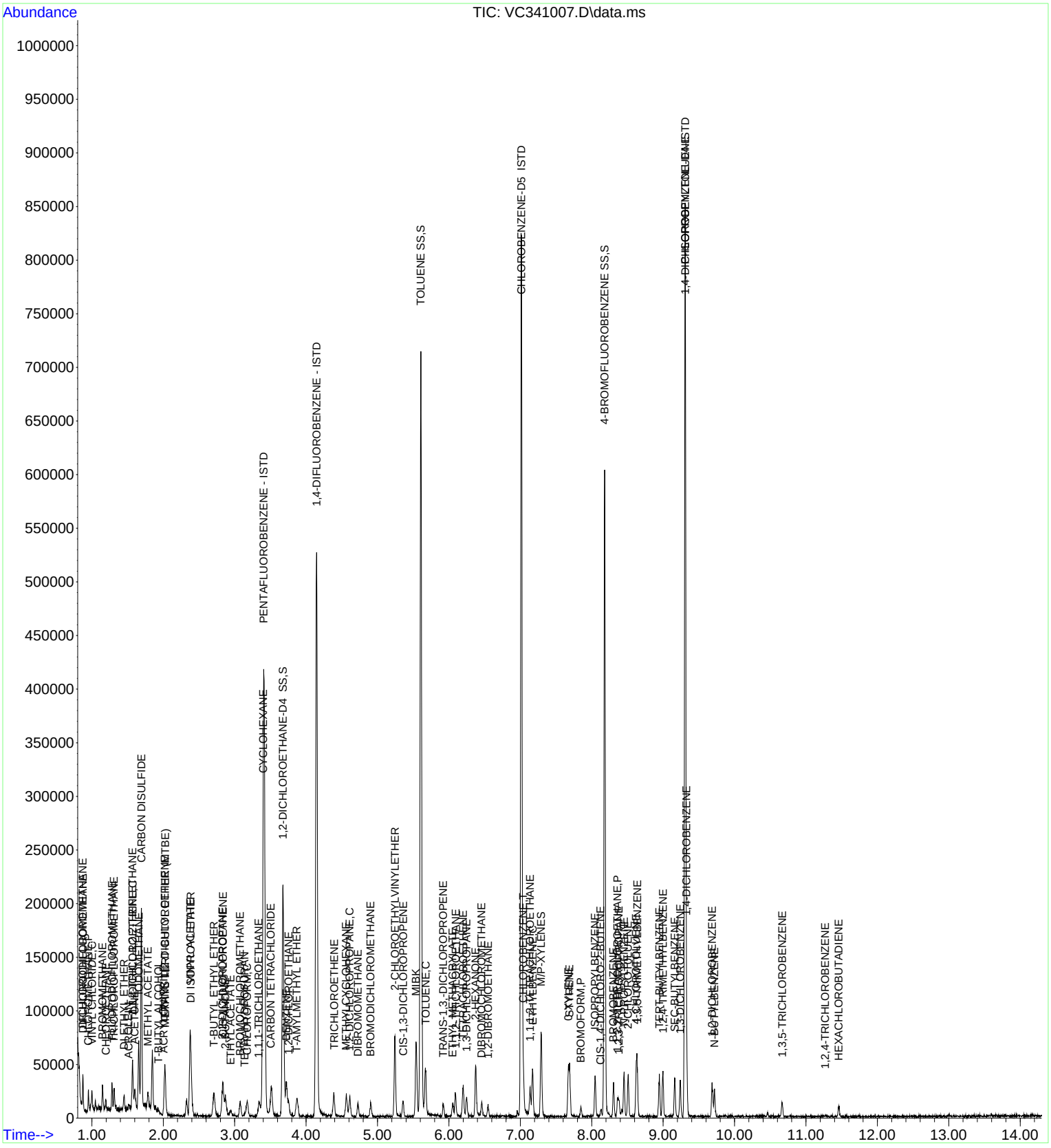
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.539	43	40809	8.40	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88	UG/L	#	88
61)	TOLUENE	5.676	91	24284	1.20	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84	UG/L	#	88
63)	ETHYL METHACRYLATE	6.052	69	4943	0.97	UG/L		90
64)	1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10	UG/L		95
65)	2-HEXANONE	6.373	43	26184	8.79	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	6173	1.14	UG/L		96
67)	1,3-DICHLOROPROPANE	6.247	76	7687	1.07	UG/L		92
68)	DIBROMOCHLOROMETHANE	6.457	129	5427	1.04	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	5031	1.09	UG/L		99
72)	CHLOROBENZENE	7.039	112	15564	1.04	UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98	UG/L	#	87
74)	ETHYLBENZENE	7.173	91	25834	1.06	UG/L		99
75)	M/P-XYLENES	7.290	91	38769	2.03	UG/L		99
76)	0-XYLENE	7.672	91	20717	1.00	UG/L		100
77)	STYRENE	7.689	104	15624	0.94	UG/L		100
78)	BROMOFORM	7.845	173	3103	0.90	UG/L	#	92
79)	ISOPROPYLBENZENE	8.046	105	19279	0.19	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71	UG/L		
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51	UG/L	#	94
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal		#	28
83)	BROMOBENZENE	8.303	77	9273	0.23	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88	UG/L	#	82
85)	N-PROPYLBENZENE	8.453	91	24934	1.02	UG/L		95
86)	2-CHLOROT0LUENE	8.509	91	17492	1.10	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33	UG/L		94
88)	4-CHLOROTOLUENE	8.620	91	18587	0.04	UG/L		92
90)	TERT-BUTYLBENZENE	8.947	119	14325	0.98	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	19799	1.00	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	10801	1.01	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.312	119	16042	1.01	UG/L	#	94
95)	1,4-DICHLOROBENZENE	9.326	146	11414	1.05	UG/L	#	92
96)	N-BUTYLBENZENE	9.716	91	10714	0.40	UG/L		94
97)	1,2-DICHLOROBENZENE	9.686	146	10590	1.07	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal		#	1
99)	1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28	UG/L		91
100)	1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66	UG/L		
101)	HEXACHLOROBUTADIENE	11.459	225	1689	0.79	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

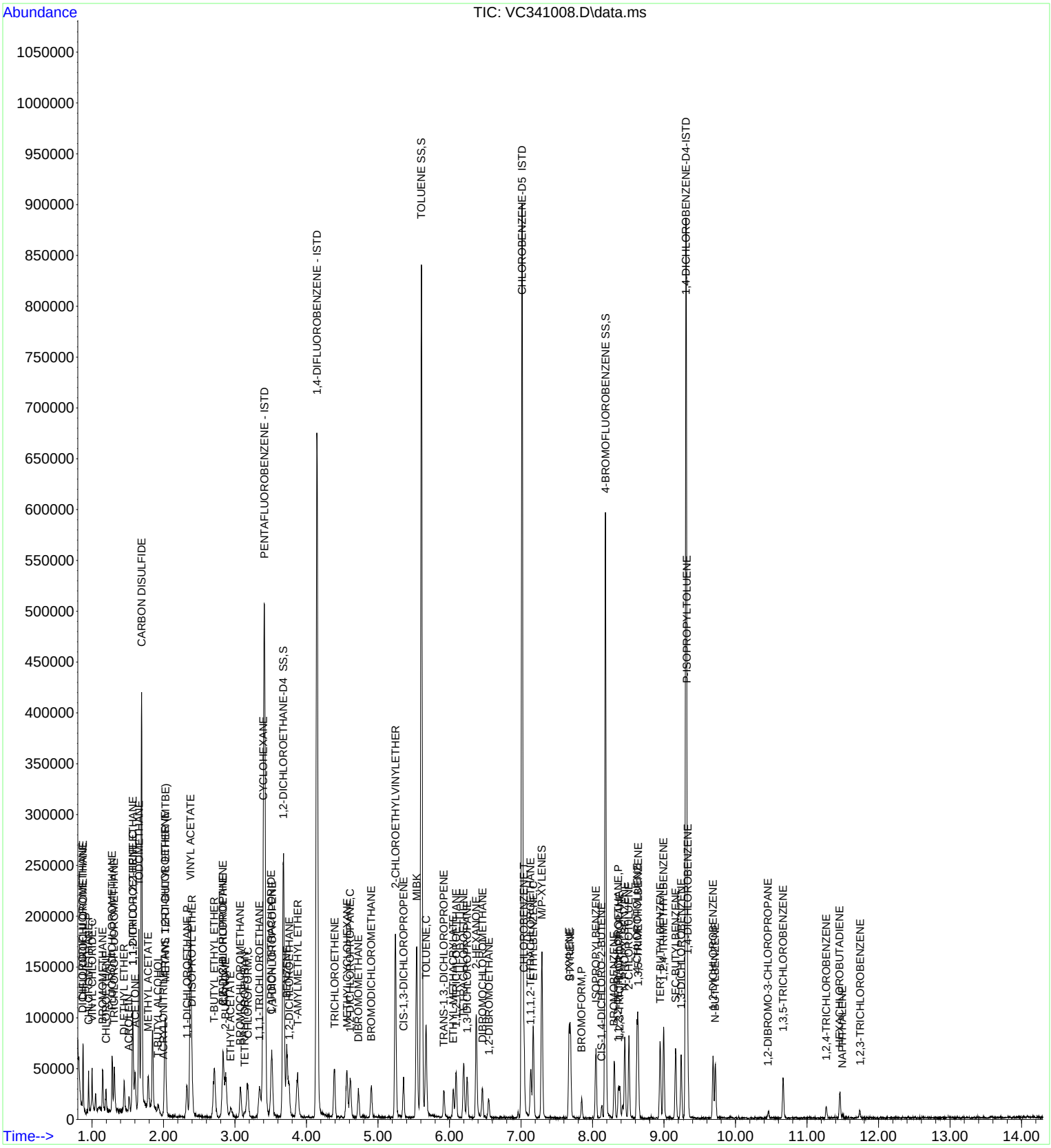
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	16634	1.81	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91	UG/L		93
59)	MIBK	5.542	43	101794	16.29	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64	UG/L		96
61)	TOLUENE	5.673	91	51773	1.98	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64	UG/L	#	76
63)	ETHYL METHACRYLATE	6.052	69	11079	1.69	UG/L	#	84
64)	1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94	UG/L		96
65)	2-HEXANONE	6.373	43	56930	14.85	UG/L		96
66)	TETRACHLOROETHENE	6.197	166	12886	1.84	UG/L		94
67)	1,3-DICHLOROPROPANE	6.248	76	17727	1.91	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	12014	1.80	UG/L		92
69)	1,2-DIBROMOETHANE	6.551	107	9670	1.63	UG/L		92
72)	CHLOROBENZENE	7.040	112	30658	1.90	UG/L	#	88
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89	UG/L		93
74)	ETHYLBENZENE	7.171	91	52635	1.99	UG/L		99
75)	M/P-XYLENES	7.290	91	82345	3.98	UG/L		97
76)	0-XYLENE	7.673	91	40165	1.80	UG/L		98
77)	STYRENE	7.689	104	31638	1.76	UG/L		98
78)	BROMOFORM	7.848	173	6859	1.54	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	38463	0.94	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03	UG/L	#	65
81)	1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05	UG/L		92
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal		#	61
83)	BROMOBENZENE	8.300	77	18245	0.98	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44	UG/L		99
85)	N-PROPYLBENZENE	8.451	91	49083	1.49	UG/L		97
86)	2-CHLOROT0LUENE	8.509	91	34123	1.64	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12	UG/L		96
88)	4-CHLOROTOLUENE	8.623	91	35963	0.80	UG/L		100
90)	TERT-BUTYLBENZENE	8.950	119	29684	1.94	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01	UG/L		100
92)	SEC-BUTYLBENZENE	9.162	105	40682	1.96	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	20624	1.84	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.321	119	33336	2.00	UG/L		96
95)	1,4-DICHLOROBENZENE	9.332	146	21475	1.88	UG/L		97
96)	N-BUTYLBENZENE	9.714	91	23493	1.26	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	21255	2.05	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17	UG/L		92
99)	1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14	UG/L		95
101)	HEXACHLOROBUTADIENE	11.457	225	3869	1.72	UG/L		89
102)	NAPHTHALENE	11.496	128	2199m	1.47	UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

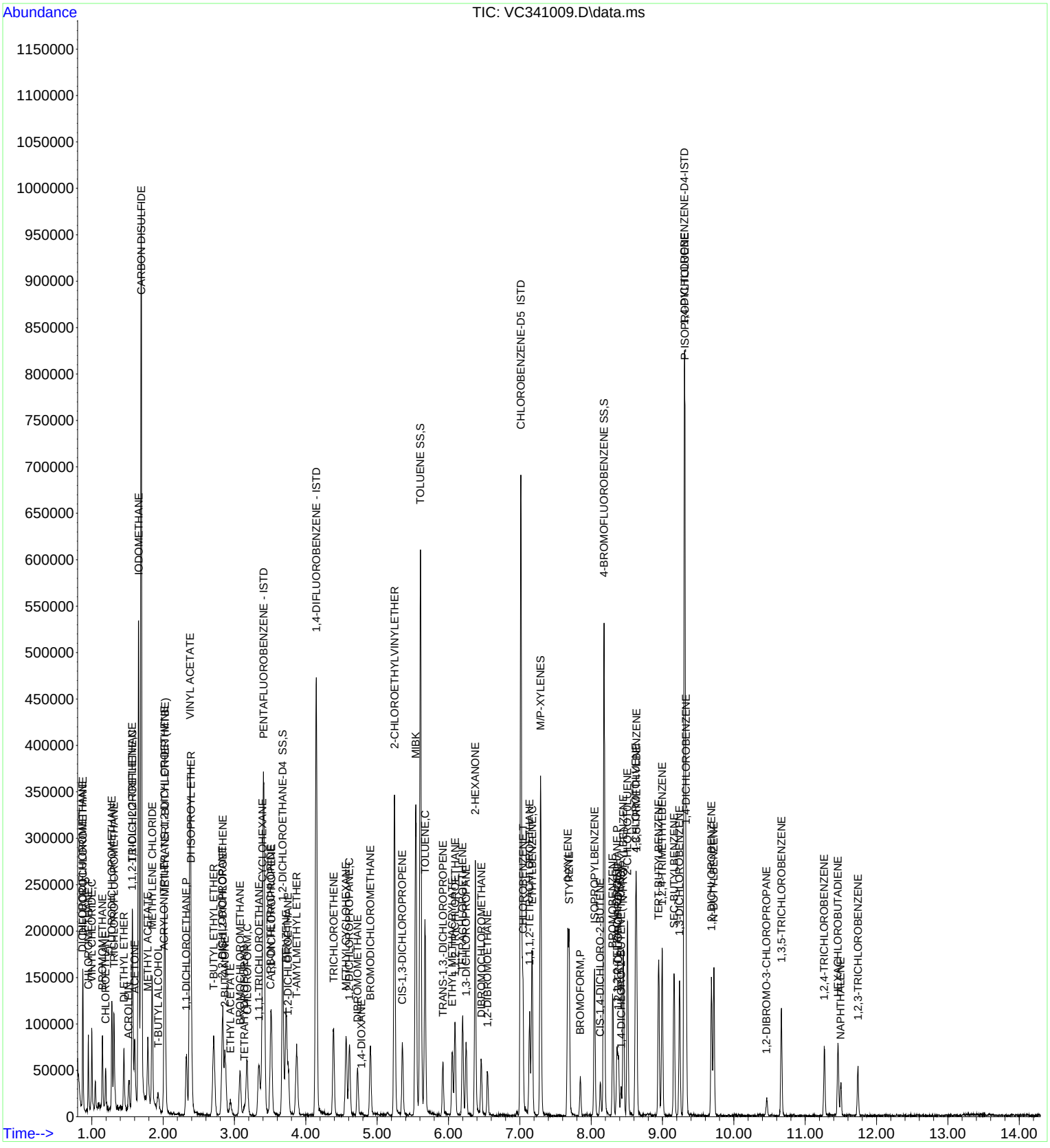
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58)	2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59)	MIBK	5.542	43	201766	47.39	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61)	TOLUENE	5.670	91	118530	6.66	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63)	ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64)	1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65)	2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66)	TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67)	1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68)	DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69)	1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72)	CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74)	ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75)	M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76)	0-XYLENE	7.673	91	85379	5.03	UG/L		99
77)	STYRENE	7.692	104	68745	5.03	UG/L		98
78)	BROMOFORM	7.845	173	15202	3.93	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83)	BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85)	N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92)	SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93)	1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94)	P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95)	1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96)	N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99)	1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102)	NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

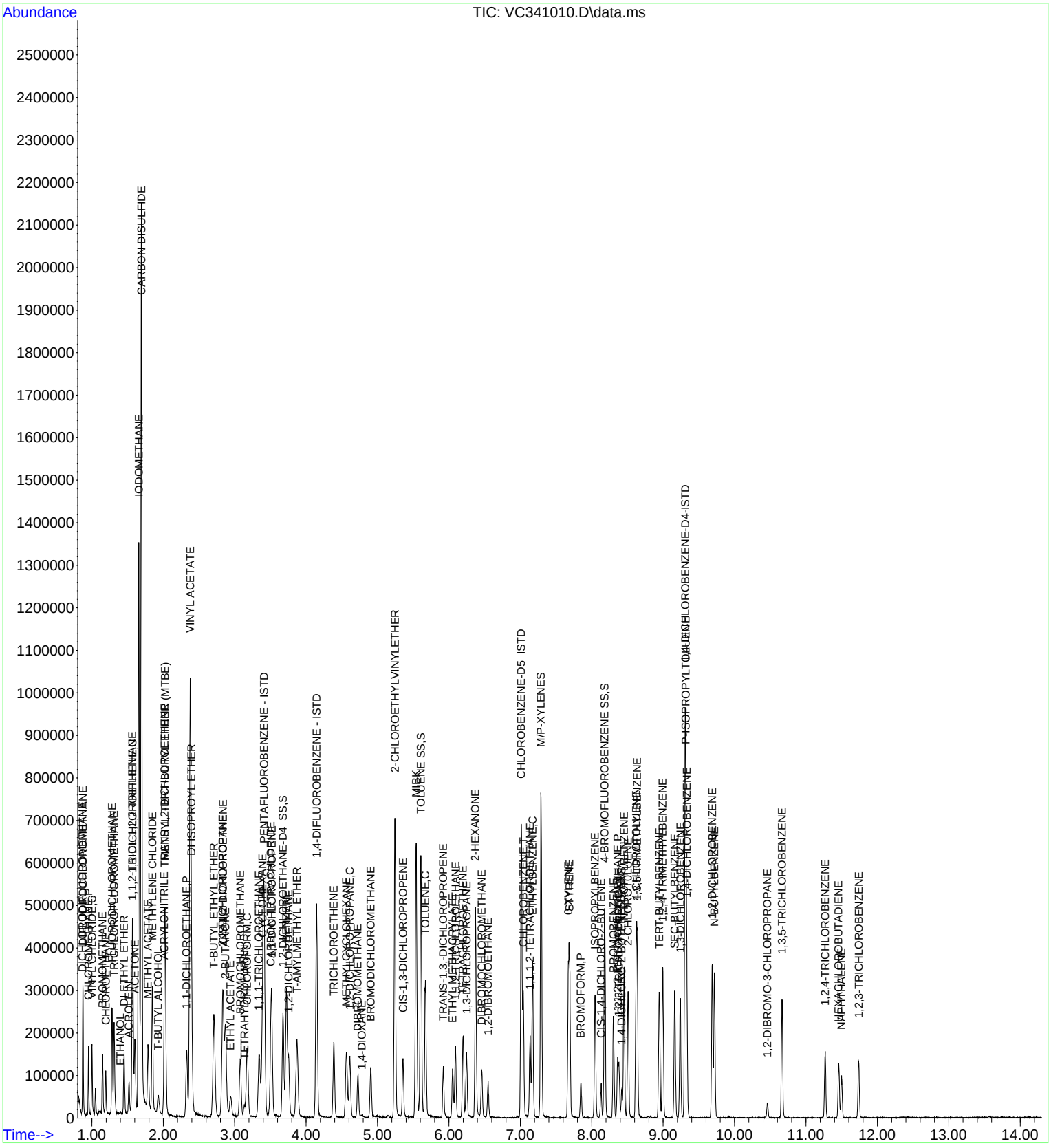
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59)	MIBK	5.542	43	375300	82.81	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61)	TOLUENE	5.670	91	192432	10.17	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64)	1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65)	2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66)	TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69)	1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72)	CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74)	ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75)	M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76)	0-XYLENE	7.672	91	169447	9.82	UG/L	98
77)	STYRENE	7.689	104	136752	9.83	UG/L	99
78)	BROMOFORM	7.845	173	30955	7.59	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83)	BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88)	4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92)	SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93)	1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97)	1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100)	1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101)	HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102)	NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

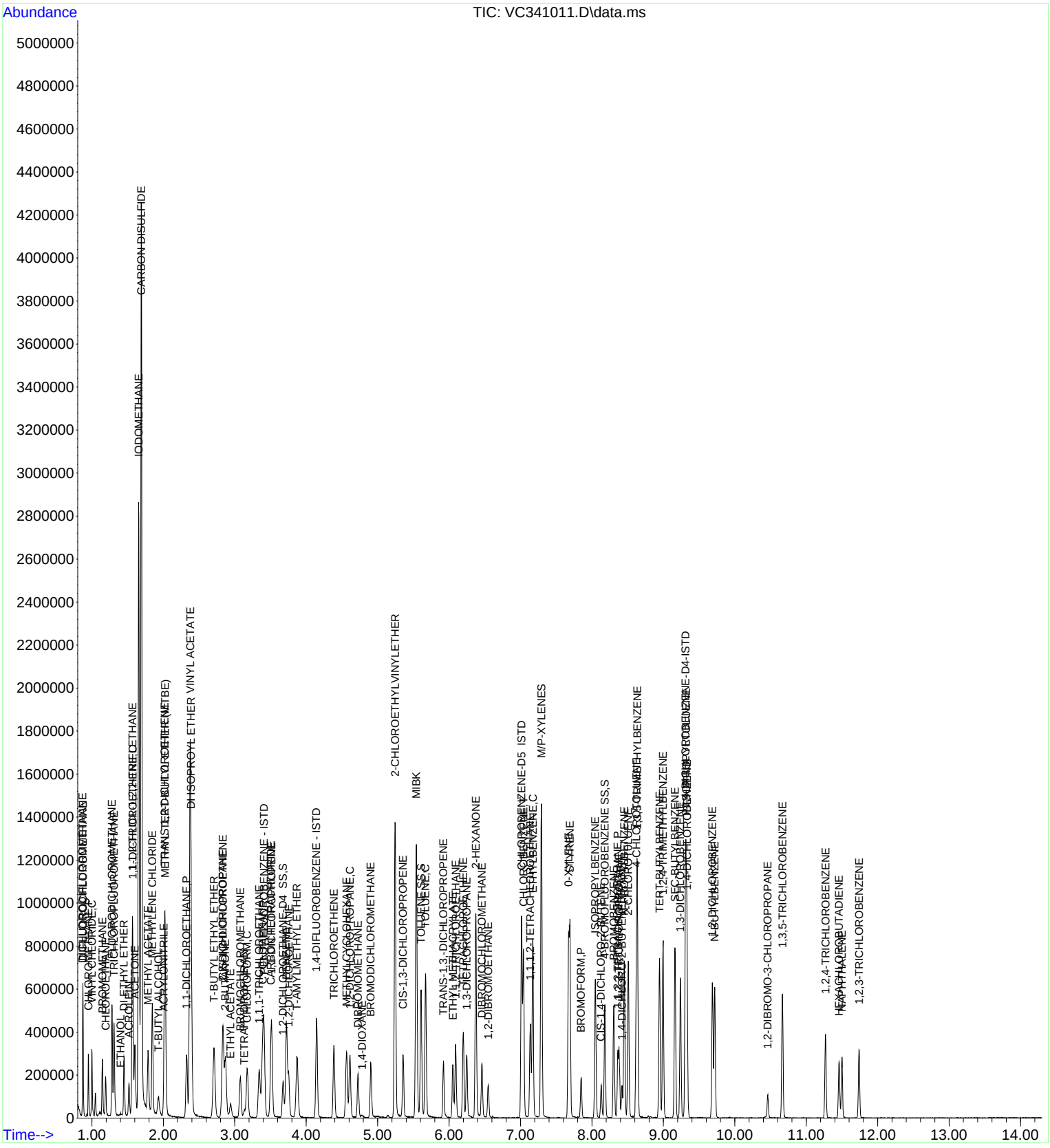
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53	UG/L	93
59)	MIBK	5.545	43	2107851	494.16	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53	UG/L	99
61)	TOLUENE	5.673	91	1033903	58.03	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97	UG/L	98
63)	ETHYL METHACRYLATE	6.052	69	285358	63.64	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89	UG/L	99
65)	2-HEXANONE	6.373	43	1457360	556.88	UG/L	95
66)	TETRACHLOROETHENE	6.200	166	273504	57.34	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	361869	57.15	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.462	129	304358	66.64	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	234666	58.06	UG/L	99
72)	CHLOROBENZENE	7.042	112	935701	53.55	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18	UG/L	98
74)	ETHYLBENZENE	7.173	91	1565945	54.65	UG/L	99
75)	M/P-XYLENES	7.293	91	2274158	101.49	UG/L	100
76)	0-XYLENE	7.672	91	949910	39.24	UG/L	100
77)	STYRENE	7.692	104	780174	40.00	UG/L	100
78)	BROMOFORM	7.848	173	197931	33.57	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	953251	37.20	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38	UG/L	98
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54	UG/L	96
83)	BROMOBENZENE	8.305	77	470570	38.89	UG/L	100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31	UG/L	98
85)	N-PROPYLBENZENE	8.450	91	1461279	29.20	UG/L	100
86)	2-CHLOROT0LUENE	8.512	91	837389	27.61	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08	UG/L	99
88)	4-CHLOROTOLUENE	8.620	91	1050906	45.81	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	1038769	50.80	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	1412416	50.94	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	745529	49.83	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50	UG/L	99
95)	1,4-DICHLOROBENZENE	9.329	146	775220	50.71	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	1047148	54.71	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	735254	53.00	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	164356	54.72	UG/L	100
102)	NAPHTHALENE	11.498	128	793281	50.05	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49	UG/L	100

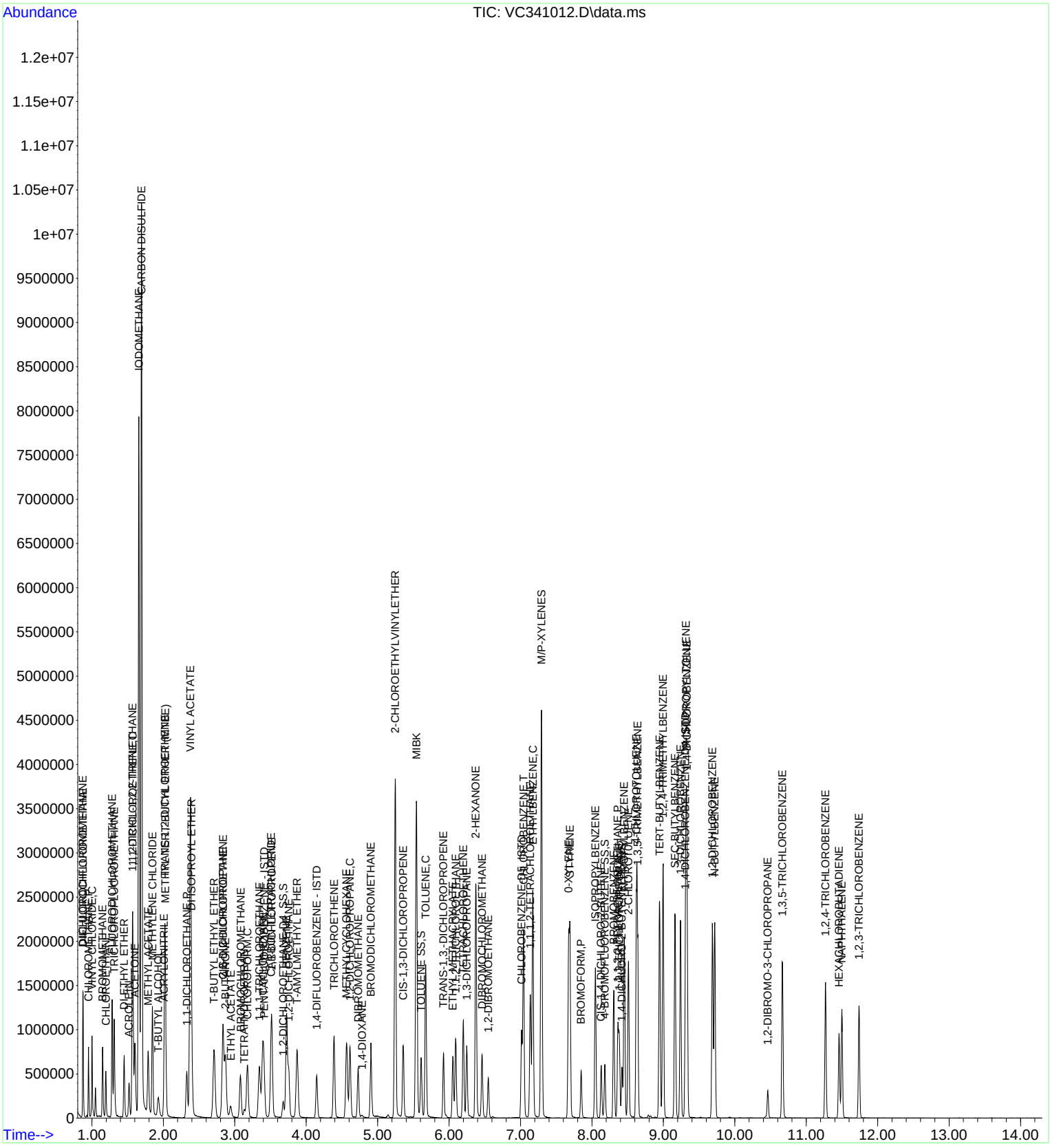
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

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Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

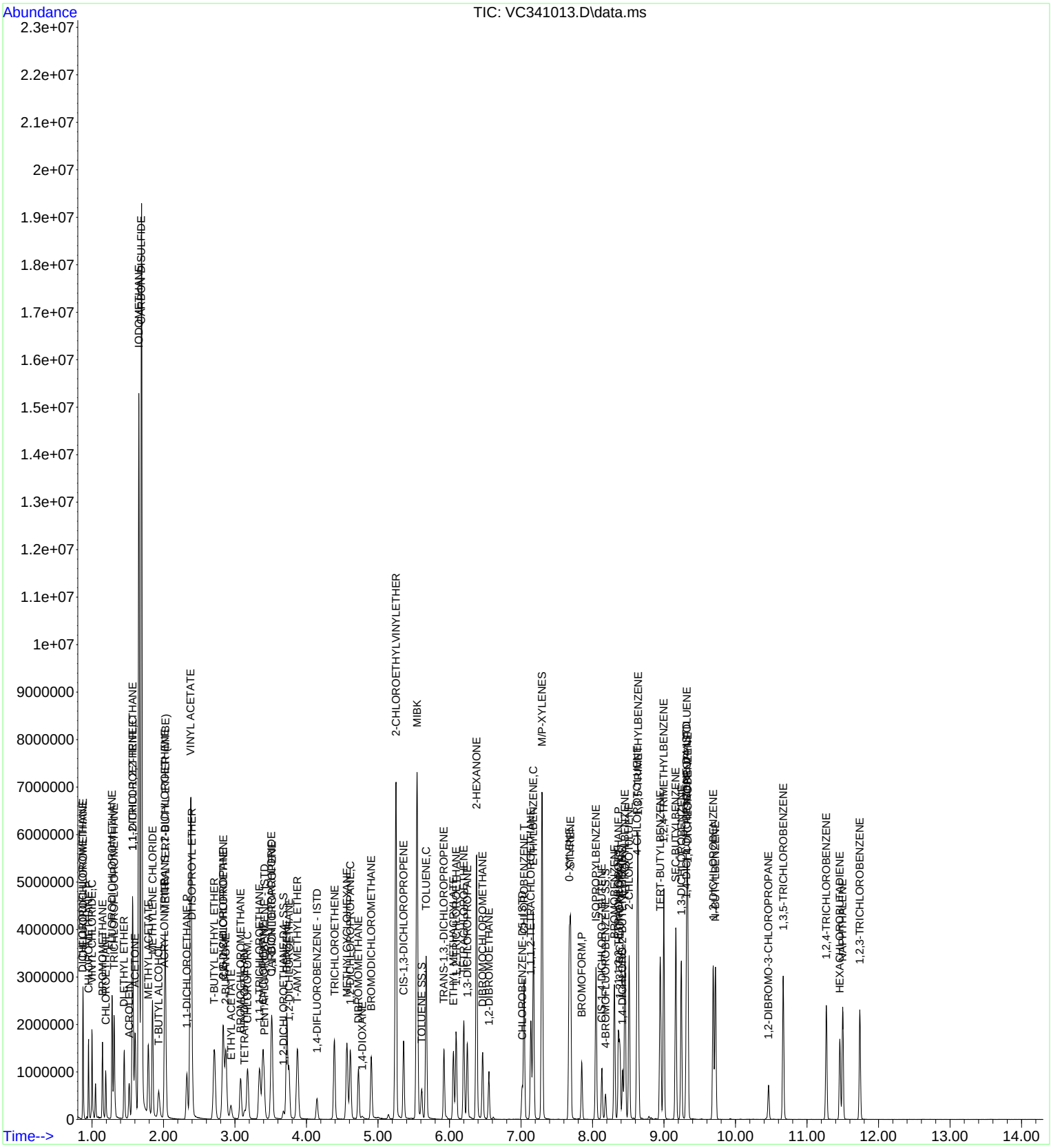
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

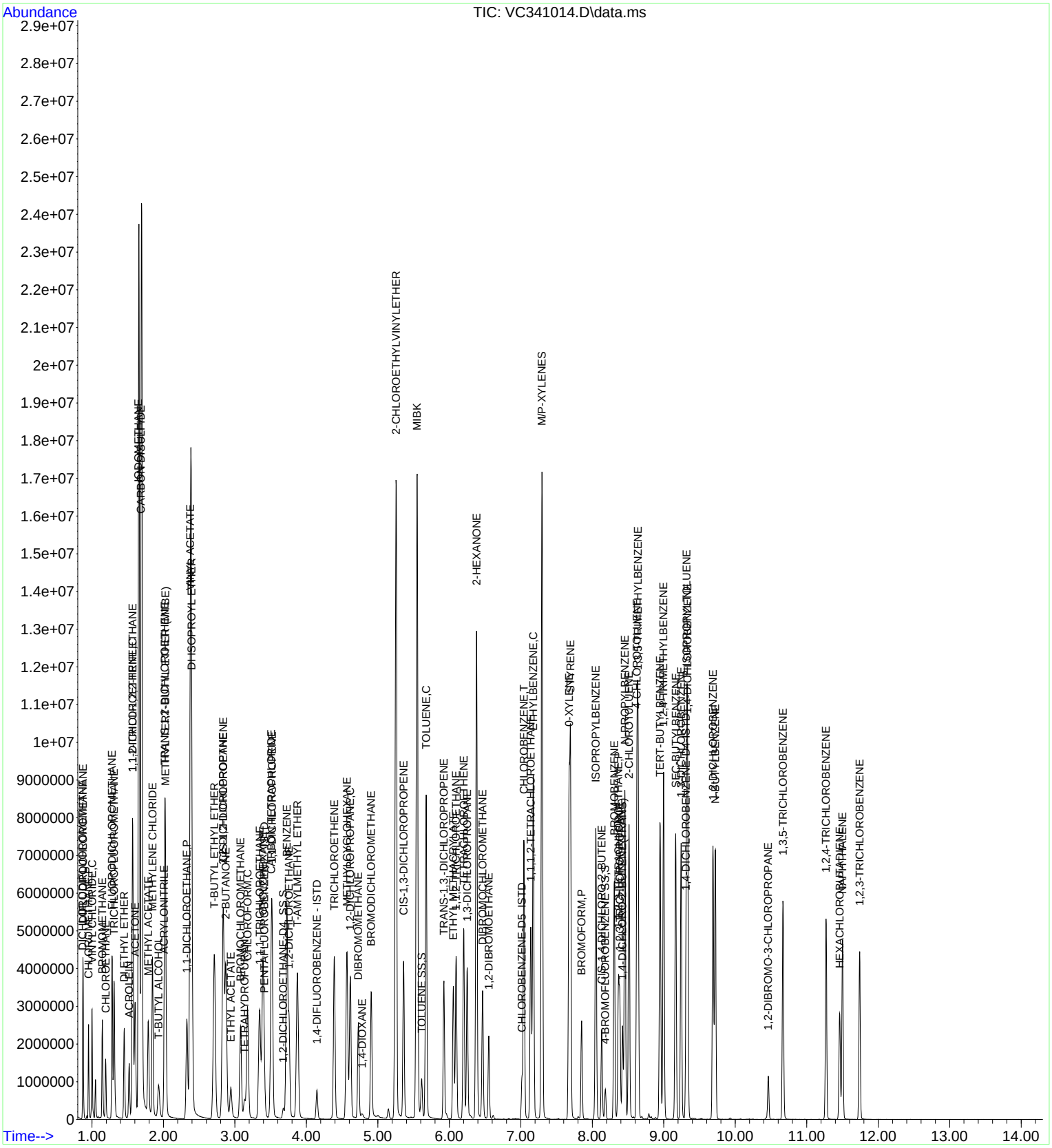
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341014.D
Acq On : 7 Dec 2011 5:44 pm
Sample : 8260 STD 200 PPB
Misc :
Quant Time: Dec 08 07:32:03 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	89.1	0.1614669	0.1438574		-10.9	20	
Acrylonitrile	A	10.0	8.60	0.2628468	0.2259393		-14.0	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.5	1.273677	1.332872		4.6	20	
Benzene	A	10.0	10.9	2.134214	2.332454		9.3	20	
Bromobenzene	A	10.0	10.4	1.37381	1.428814		4.0	20	
Bromochloromethane	A	10.0	12.4	0.5012127	0.6235457		24.4	20	*
Bromodichloromethane	L	10.0	9.78	0.5645274	0.6161684		-2.2	20	
Bromoform	A	10.0	10.6	0.4866712	0.5148222		5.8	20	
Bromomethane	L	10.0	11.1	0.6502824	0.6704055		10.9	20	
2-Butanone (MEK)	A	100	107	0.2092159	0.2238717		7.0	20	
tert-Butyl Alcohol (TBA)	A	100	84.8	4.223223E-02	0.0358273		-15.2	20	
n-Butylbenzene	L	10.0	8.79	2.024433	2.315682		-12.1	20	
sec-Butylbenzene	A	10.0	10.4	3.255788	3.373315		3.6	20	
tert-Butylbenzene	A	10.0	10.5	2.321322	2.428114		4.6	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.2	1.753296	1.971322		12.4	20	
Carbon Disulfide	L	100	86.8	1.661109	1.706325		-13.2	20	
Carbon Tetrachloride	A	10.0	10.9	0.6953856	0.7583268		9.1	20	
Chlorobenzene	A	10.0	10.4	2.236097	2.313509		3.5	20	
Chlorodibromomethane	A	10.0	11.6	0.372674	0.4315892		15.8	20	
Chloroethane	A	10.0	9.60	0.4455245	0.4275802		-4.0	20	
Chloroform	A	10.0	11.8	1.024886	1.208205		17.9	20	
Chloromethane	A	10.0	10.6	0.7216897	0.764625		5.9	20	
2-Chlorotoluene	A	10.0	10.5	2.358593	2.477831		5.1	20	
4-Chlorotoluene	A	10.0	10.2	2.778829	2.82878		1.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	7.91	0.1229792	0.1081791		-20.9	20	*
1,2-Dibromoethane (EDB)	A	10.0	9.62	0.3621682	0.3482401		-3.8	20	
Dibromomethane	A	10.0	10.1	0.2645882	0.2683275		1.4	20	
1,2-Dichlorobenzene	A	10.0	10.1	1.65366	1.677015		1.4	20	
1,3-Dichlorobenzene	A	10.0	10.4	1.699502	1.776012		4.5	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.730563	1.756192		1.5	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.9	0.1768173	0.1923101		8.8	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	10.4	0.6822418	0.7080459		3.8	20	
1,1-Dichloroethane	A	10.0	10.8	1.115459	1.203284		7.9	20	
1,2-Dichloroethane	A	10.0	10.6	0.6364561	0.6751065		6.1	20	
1,1-Dichloroethylene	L	10.0	8.77	1.071353	1.061056		-12.3	20	
cis-1,2-Dichloroethylene	A	10.0	11.3	0.9550192	1.079968		13.1	20	
trans-1,2-Dichloroethylene	A	10.0	9.79	1.005576	0.9845204		-2.1	20	
1,2-Dichloropropane	A	10.0	10.9	0.4035074	0.4390547		8.8	20	
1,3-Dichloropropane	A	10.0	10.5	0.5752358	0.6055283		5.3	20	
2,2-Dichloropropane	A	10.0	10.8	0.5802999	0.6292825		8.4	20	
1,1-Dichloropropene	A	10.0	11.3	0.7645043	0.8658885		13.3	20	
cis-1,3-Dichloropropene	A	10.0	11.2	0.5083759	0.5704711		12.2	20	
trans-1,3-Dichloropropene	A	10.0	11.2	0.388793	0.4368032		12.3	20	
Diethyl Ether	A	10.0	9.62	0.5148191	0.4954225		-3.8	20	
Diisopropyl Ether (DIPE)	A	10.0	11.5	1.968366	2.256875		14.7	20	
1,4-Dioxane	A	100	117	3.036147E-03	0.0035419		16.7	20	
Ethylbenzene	A	10.0	10.4	3.724122	3.89006		4.5	20	
Hexachlorobutadiene	L	10.0	9.37	0.3565245	0.3644361		-6.3	20	
2-Hexanone (MBK)	A	100	100	0.200032	0.2008711		0.4	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.9	2.79466	3.036591		8.7	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.6	2.586133	2.742864		6.1	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.41	1.786272	1.680022		-5.9	20	
Methylene Chloride	A	10.0	9.83	1.15993	1.140758		-1.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	99.1	0.3269849	0.3241833		-0.9	20	
Naphthalene	L	10.0	8.24	1.319631	0.7671133		-17.6	20	
n-Propylbenzene	A	10.0	10.4	3.72859	3.880268		4.1	20	
Styrene	A	10.0	10.7	2.238429	2.393549		6.9	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.2	0.7555013	0.7717378		2.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	9.42	0.8842666	0.8327622		-5.8	20	
Tetrachloroethylene	A	10.0	9.43	0.4403607	0.4150678		-5.7	20	
Tetrahydrofuran	A	10.0	10.2	0.1368709	0.1393513		1.8	20	
Toluene	A	10.0	9.85	1.715396	1.690158		-1.5	20	
1,2,3-Trichlorobenzene	L	10.0	8.20	0.5966709	0.4301941		-18.0	20	
1,2,4-Trichlorobenzene	L	10.0	7.66	0.6405135	0.5683981		-23.4	20	*
1,3,5-Trichlorobenzene	L	10.0	8.51	0.8922156	0.9945274		-14.9	20	
1,1,1-Trichloroethane	A	10.0	11.8	0.8309621	0.9768537		17.6	20	
1,1,2-Trichloroethane	A	10.0	9.29	0.3744895	0.3479469		-7.1	20	
Trichloroethylene	A	10.0	10.4	0.4215348	0.437932		3.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	0.926608	1.015398		9.6	20	
1,2,3-Trichloropropane	A	10.0	9.85	0.6611642	0.6510501		-1.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.83	0.5908211	0.5874579		-11.7	20	
1,2,4-Trimethylbenzene	A	10.0	11.3	2.85258	3.21963		12.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC346002.D	Calibration Date:	12/07/11 00:00
Sequence:	S001575	Injection Date:	12/12/11
Lab Sample ID:	S001575-CCV1	Injection Time:	07:43

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	2.746335	2.909811		6.0	20
Vinyl Chloride	A	10.0	9.99	0.8369604	0.8358182		-0.1	20
m+p Xylene	A	20.0	20.7	2.88165	2.987618		3.7	20
o-Xylene	A	10.0	10.8	2.832473	3.051232		7.7	20
1,2-Dichloroethane-d4	A	25.0	26.3	0.5631325	0.5930017		5.3	
Toluene-d8	A	25.0	24.4	1.205274	1.178421		-2.2	
4-Bromofluorobenzene	A	25.0	24.7	0.8849197	0.8754792		-1.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346002.D Vial: 2
Acq On : 12 Dec 2011 7:43 am Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 12 22:25:21 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	341999	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	481013	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227024	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	208127	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	169005	26.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.32%				
49) TOLUENE SS	5.606	98	472363	24.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	165629	24.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	80717	10.38	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	108671	10.93	UG/L		98
5) CHLOROMETHANE	0.952	50	87167	10.59	UG/L		98
6) VINYL CHLORIDE	1.002	62	95283	9.99	UG/L		100
7) BROMOMETHANE	1.150	94	76426	11.09	UG/L		99
8) CHLOROETHANE	1.194	64	48744	9.60	UG/L		96
9) FLUORODICHLOROMETHANE	1.284	67	151734	8.74	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.311	101	115755	10.96	UG/L		99
11) ETHANOL	1.395	45	6042m	96.29	UG/L		
12) DI ETHYL ETHER	1.451	59	56478	9.62	UG/L		99
13) ACROLEIN	1.518	56	40135	78.55	UG/L		100
14) ACETONE	1.599	43	163997	89.09	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	120960	8.77	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	66970	8.83	UG/L		94
17) IODOMETHANE	1.657	142	1066674	81.42	UG/L	#	100
20) METHYL ACETATE	1.786	43	177782	12.46	UG/L		98
21) T-BUTYL ALCOHOL	1.922	59	40843	84.83	UG/L	#	91
22) ACRYLONITRILE	2.003	53	25757	8.60	UG/L		95
23) METHYLENE CHLORIDE	1.847	49	130046	9.83	UG/L		95
24) CARBON DISULFIDE	1.694	76	1945205	86.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	191522	9.41	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	112235	9.79	UG/L		99
27) 1,1-DICHLOROETHANE	2.327	63	137174	10.79	UG/L		99
28) VINYL ACETATE	2.374	43	1020371	73.91	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	257283	11.47	UG/L		92
31) 2-BUTANONE	2.868	43	255213	107.01	UG/L		96
32) T-BUTYL ETHYL ETHER	2.706	59	224730	11.24	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	123116	11.31	UG/L		99
34) 2,2-DICHLOROPROPANE	2.828	77	71738	10.84	UG/L		99
35) ETHYL ACETATE	2.940	43	50632	9.50	UG/L		97
38) BROMOCHLOROMETHANE	3.074	49	71084	12.44	UG/L		96
39) TETRAHYDROFURAN	3.132	42	15886	10.18	UG/L		92
40) CHLOROFORM	3.174	83	137735	11.79	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	111361	11.76	UG/L		99
42) CYCLOHEXANE	3.386	56	120702	11.86	UG/L		99
43) CARBON TETRACHLORIDE	3.506	117	86449	10.91	UG/L		95
44) 1,1-DICHLOROPROPENE	3.514	75	98711	11.33	UG/L		95
45) BENZENE	3.721	78	265899	10.93	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	151947	10.46	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.752	62	108245	10.61	UG/L		100
51) TRICHLOROETHENE	4.387	95	70217	10.39	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	88618	10.45	UG/L		96
53) 1,2-DICHLOROPROPANE	4.613	63	70397	10.88	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	43023	10.14	UG/L		99
56) 1,4-DIOXANE	4.772	88	5679m	116.66	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121211\VC346002.D Vial: 2
Acq On : 12 Dec 2011 7:43 am Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 12 22:25:21 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

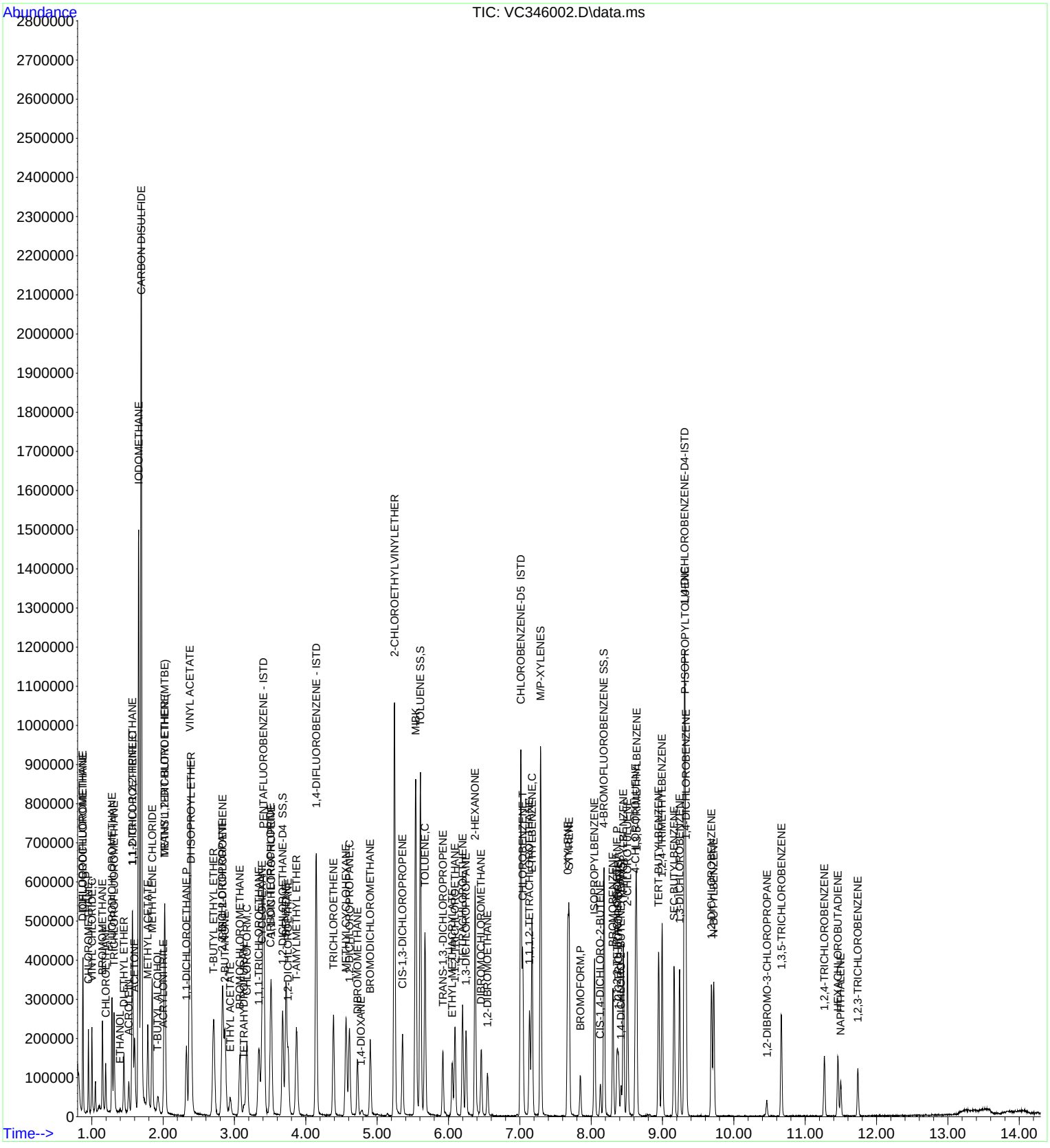
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	98795	9.78	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.243	63	384700	110.57	UG/L		92
59)	MIBK	5.542	43	519788	99.14	UG/L		96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	91468	11.22	UG/L		100
61)	TOLUENE	5.670	91	270996	9.85	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	70036	11.23	UG/L		97
63)	ETHYL METHACRYLATE	6.052	69	55645	7.68	UG/L		96
64)	1,1,2-TRICHLOROETHANE	6.088	97	55789	9.29	UG/L		97
65)	2-HEXANONE	6.373	43	322072	100.42	UG/L		95
66)	TETRACHLOROETHENE	6.200	166	66551	9.43	UG/L		98
67)	1,3-DICHLOROPROPANE	6.245	76	97089	10.53	UG/L		99
68)	DIBROMOCHLOROMETHANE	6.456	129	69200	11.58	UG/L		98
69)	1,2-DIBROMOETHANE	6.546	107	55836	9.62	UG/L		97
72)	CHLOROBENZENE	7.039	112	175074	10.35	UG/L		96
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	58401	10.21	UG/L		99
74)	ETHYLBENZENE	7.170	91	294379	10.45	UG/L		100
75)	M/P-XYLENES	7.290	91	452174	20.74	UG/L		100
76)	0-XYLENE	7.672	91	230901	10.77	UG/L		99
77)	STYRENE	7.692	104	181131	10.69	UG/L		94
78)	BROMOFORM	7.851	173	38959	10.58	UG/L		99
79)	ISOPROPYLBENZENE	8.046	105	229793	10.87	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	15413	8.81	UG/L	#	82
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	63019	9.42	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	14553	10.88	UG/L		89
83)	BROMOBENZENE	8.303	77	108125	10.40	UG/L		96
84)	1,2,3-TRICHLOROPROPANE	8.383	75	49268	9.85	UG/L		98
85)	N-PROPYLBENZENE	8.450	91	293638	10.41	UG/L		98
86)	2-CHLOROT0LUENE	8.509	91	187509	10.51	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	220199	10.60	UG/L		95
88)	4-CHLOROTOLUENE	8.620	91	214067	10.18	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	168452	10.46	UG/L		96
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	223364	11.29	UG/L		96
92)	SEC-BUTYLBENZENE	9.161	105	234026	10.36	UG/L		100
93)	1,3-DICHLOROBENZENE	9.240	146	123212	10.45	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.318	119	190288	10.61	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	121837	10.15	UG/L		97
96)	N-BUTYLBENZENE	9.716	91	160652	8.79	UG/L		99
97)	1,2-DICHLOROBENZENE	9.686	146	116344	10.14	UG/L		98
98)	1,2-DIBROMO-3-CHLOROPR...	10.467	75	7505	7.91	UG/L		94
99)	1,3,5-TRICHLOROBENZENE	10.667	180	68996	8.51	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.270	180	39433	7.66	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	25283	9.37	UG/L		98
102)	NAPHTHALENE	11.498	128	53219	8.24	UG/L	#	98
103)	1,2,3-TRICHLOROBENZENE	11.738	180	29845	8.20	UG/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121211\VC346002.D
Acq On : 12 Dec 2011 7:43 am
Sample : 8260 STD 10 PPB
Misc :
Quant Time: Dec 12 22:25:21 2011

Vial: 2
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001575	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001575-CCV1)			*Lab File ID: VC346002.D*			*Analyzed: 12/12/11 07:43*			
Pentafluorobenzene	341999	3.41	335223	3.411	102	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	481013	4.15	361786	4.148	133	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	227024	7.01	168011	7.012	135	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	208127	9.31	169748	9.309	123	50 - 200	0.0010	+/-0.50	
LCS (B042460-BS1)			*Lab File ID: VC346004.D*			*Analyzed: 12/12/11 08:43*			
Pentafluorobenzene	317641	3.41	341999	3.41	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	434368	4.14	481013	4.15	90	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	192869	7.01	227024	7.01	85	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	211483	9.31	208127	9.31	102	50 - 200	0.0000	+/-0.50	
LCS Dup (B042460-BSD1)			*Lab File ID: VC346005.D*			*Analyzed: 12/12/11 09:13*			
Pentafluorobenzene	349356	3.41	341999	3.41	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	509877	4.14	481013	4.15	106	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	256609	7.01	227024	7.01	113	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	242784	9.31	208127	9.31	117	50 - 200	0.0000	+/-0.50	
Blank (B042460-BLK1)			*Lab File ID: VC346007.D*			*Analyzed: 12/12/11 10:14*			
Pentafluorobenzene	257612	3.41	341999	3.41	75	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	346062	4.14	481013	4.15	72	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	178693	7.01	227024	7.01	79	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	157120	9.31	208127	9.31	75	50 - 200	0.0000	+/-0.50	
TB-120111 (11L0105-01)			*Lab File ID: VC346011.D*			*Analyzed: 12/12/11 12:16*			
Pentafluorobenzene	253358	3.41	341999	3.41	74	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	366911	4.14	481013	4.15	76	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	199754	7.01	227024	7.01	88	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	176437	9.31	208127	9.31	85	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0105
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001575	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW20-100 (11L0105-02)			*Lab File ID: VC346018.D*			*Analyzed: 12/12/11 15:48*			
Pentafluorobenzene	298739	3.41	341999	3.41	87	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	422830	4.14	481013	4.15	88	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	211802	7.01	227024	7.01	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	202753	9.31	208127	9.31	97	50 - 200	0.0000	+/-0.50	
PW20-125 (11L0105-03)			*Lab File ID: VC346019.D*			*Analyzed: 12/12/11 16:18*			
Pentafluorobenzene	291486	3.41	341999	3.41	85	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	365147	4.14	481013	4.15	76	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	180995	7.01	227024	7.01	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	170209	9.31	208127	9.31	82	50 - 200	0.0000	+/-0.50	
PW20-125D (11L0105-04)			*Lab File ID: VC346020.D*			*Analyzed: 12/12/11 16:48*			
Pentafluorobenzene	324766	3.41	341999	3.41	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	459748	4.14	481013	4.15	96	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	225278	7.01	227024	7.01	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	214356	9.31	208127	9.31	103	50 - 200	0.0000	+/-0.50	
PW20-150 (11L0105-05)			*Lab File ID: VC346021.D*			*Analyzed: 12/12/11 17:19*			
Pentafluorobenzene	294300	3.41	341999	3.41	86	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	420762	4.14	481013	4.15	87	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	204006	7.01	227024	7.01	90	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	171025	9.31	208127	9.31	82	50 - 200	0.0000	+/-0.50	
PW20-175 (11L0105-06)			*Lab File ID: VC346022.D*			*Analyzed: 12/12/11 17:49*			
Pentafluorobenzene	301806	3.41	341999	3.41	88	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	427858	4.14	481013	4.15	89	50 - 200	-0.0100	+/-0.50	
Chlorobenzene-d5	209983	7.01	227024	7.01	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	155073	9.31	208127	9.31	75	50 - 200	0.0000	+/-0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	V-05

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BLK1	File ID:	VC346007.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 10:14
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346007.D
Acq On : 12 Dec 2011 10:14 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

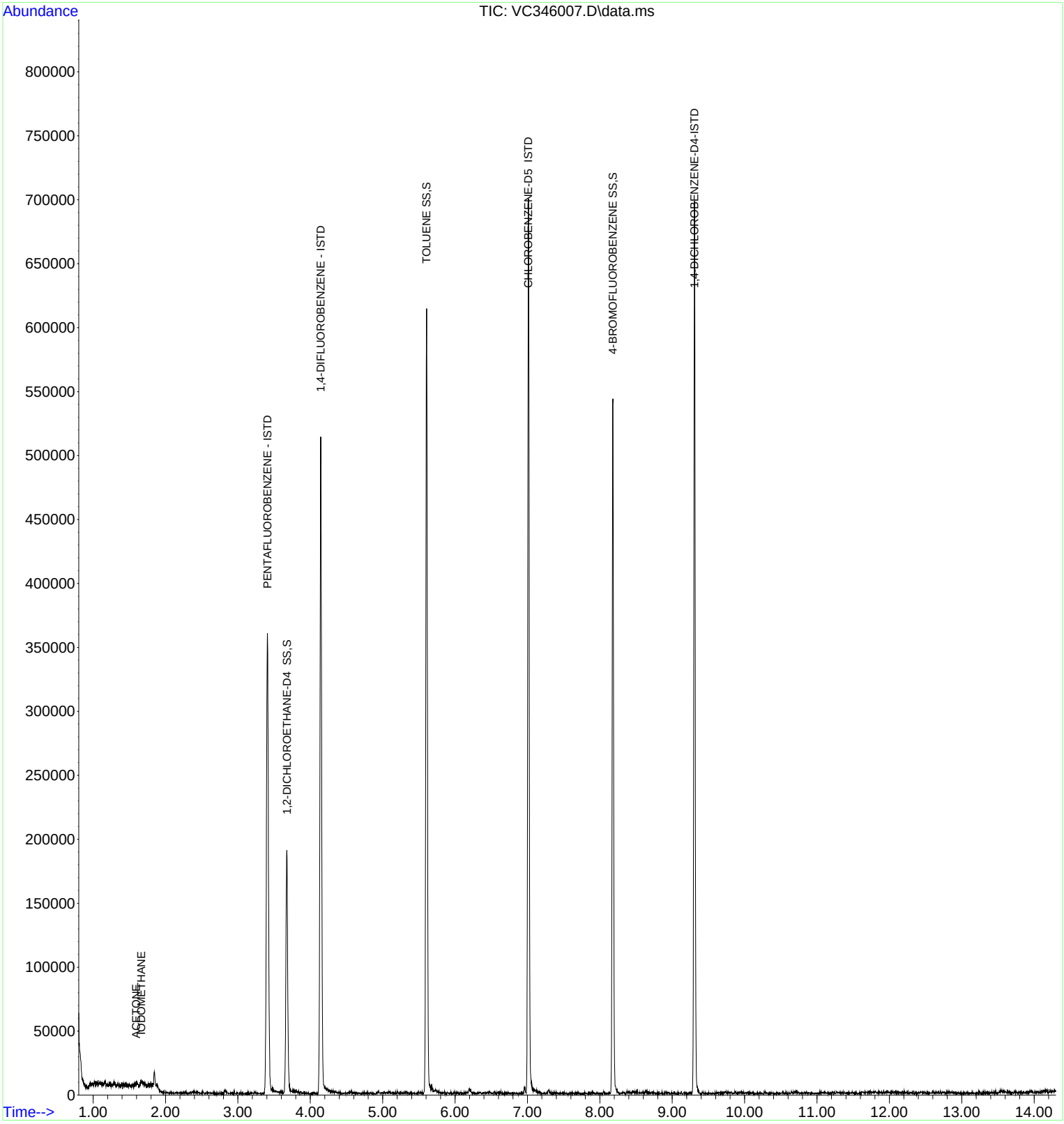
Quant Time: Dec 13 11:52:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

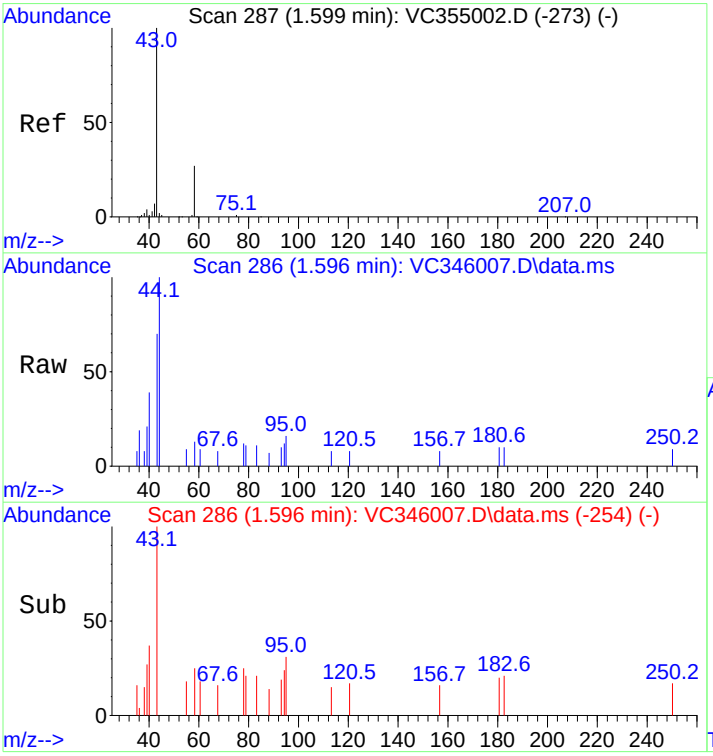
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	257612	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	346062	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	178693	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	157120	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	121574	25.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.56%			
49) TOLUENE SS	5.606	98	354612	25.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	141774	26.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.60%			
Target Compounds						Qvalue
14) ACETONE	1.596	43	1569	1.13	UG/L	# 44
17) IODOMETHANE	1.666	142	5002m	11.38	UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346007.D
Acq On : 12 Dec 2011 10:14 am
Operator :
Sample : B0-BLK1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 11:52:49 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

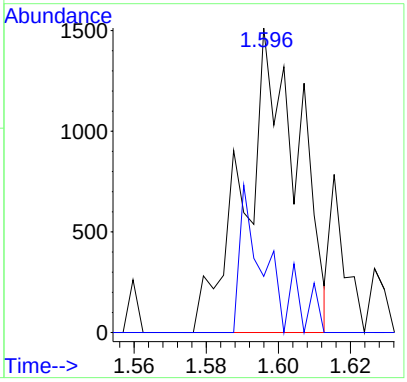


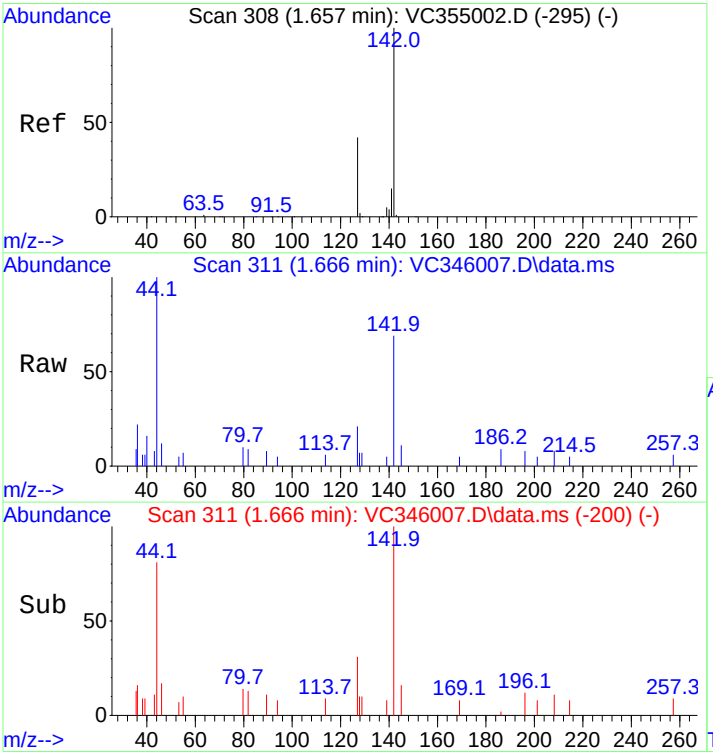


#14
ACETONE
Concen: 1.13 UG/L
RT: 1.596 min Scan# 286
Delta R.T. -0.005 min
Lab File: VC346007.D
Acq: 12 Dec 2011 10:14 am

Tgt Ion: 43 Resp: 1569

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

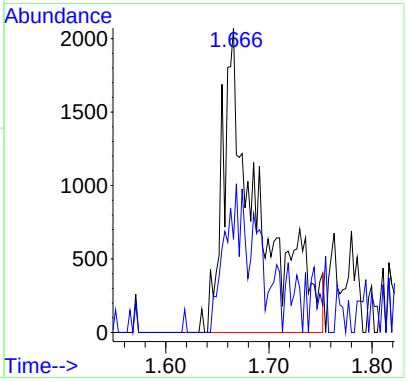




#17
IODOMETHANE
Concen: 11.38 UG/L m
RT: 1.666 min Scan# 311
Delta R.T. 0.009 min
Lab File: VC346007.D
Acq: 12 Dec 2011 10:14 am

Tgt Ion:142 Resp: 5002

Ion	Ratio	Lower	Upper
142	100		
127	25.9	0.0	0.0#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	135	0.54	50	
107-13-1	Acrylonitrile	9.98	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.5	0.050	1.0	
108-86-1	Bromobenzene	11.2	0.10	1.0	
74-97-5	Bromochloromethane	12.1	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.55	0.080	0.50	
75-25-2	Bromoform	13.0	0.25	1.0	
74-83-9	Bromomethane	6.40	0.38	2.0	
78-93-3	2-Butanone (MEK)	131	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	114	3.5	20	V-16
104-51-8	n-Butylbenzene	9.88	0.050	1.0	
135-98-8	sec-Butylbenzene	11.1	0.050	1.0	
98-06-6	tert-Butylbenzene	9.92	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.5	0.070	0.50	
75-15-0	Carbon Disulfide	13.4	0.050	4.0	L-02
56-23-5	Carbon Tetrachloride	10.9	0.090	5.0	
108-90-7	Chlorobenzene	10.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.1	0.12	0.50	
75-00-3	Chloroethane	9.21	0.33	2.0	
67-66-3	Chloroform	11.4	0.040	2.0	
74-87-3	Chloromethane	10.5	0.13	2.0	
95-49-8	2-Chlorotoluene	10.3	0.050	1.0	
106-43-4	4-Chlorotoluene	12.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.94	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	9.53	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.88	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	13.0	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.83	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.5	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.1	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.61	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.9	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.77	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.7	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.0	0.12	0.50	
60-29-7	Diethyl Ether	10.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.9	0.030	0.50	
123-91-1	1,4-Dioxane	121	3.5	50	V-16
100-41-4	Ethylbenzene	11.0	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.69	0.26	0.50	
591-78-6	2-Hexanone (MBK)	107	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.5	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.7	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BS1	File ID:	VC346004.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 08:43
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.54	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	107	0.22	10	
91-20-3	Naphthalene	9.85	0.21	2.0	
103-65-1	n-Propylbenzene	10.5	0.040	1.0	
100-42-5	Styrene	11.9	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.5	0.18	0.50	
127-18-4	Tetrachloroethylene	9.16	0.14	1.0	
109-99-9	Tetrahydrofuran	11.9	1.0	10	
108-88-3	Toluene	9.43	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.37	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.4	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	7.70	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	8.50	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.7	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.8	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.47	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.50	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	12.2	0.060	1.0	
75-01-4	Vinyl Chloride	8.75	0.16	2.0	
108383/106423	m+p Xylene	22.0	0.070	2.0	
95-47-6	o-Xylene	11.8	0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	317641	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	434368	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	192869	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	211483	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	153510	25.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%				
49) TOLUENE SS	5.606	98	395562	22.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.68%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	168659	29.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	70998	9.83	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	88827	9.62	UG/L		98
5) CHLOROMETHANE	0.952	50	79910	10.46	UG/L		98
6) VINYL CHLORIDE	1.002	62	77532	8.75	UG/L		98
7) BROMOMETHANE	1.150	94	37266	6.40	UG/L		100
8) CHLOROETHANE	1.195	64	43468	9.21	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	133071	8.31	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.312	101	104559	10.66	UG/L		97
12) DI ETHYL ETHER	1.451	59	59142	10.85	UG/L		99
13) ACROLEIN	1.521	56	73536	141.14	UG/L		99
14) ACETONE	1.602	43	230707	134.95	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	110039	8.61	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	59261	8.47	UG/L		96
17) IODOMETHANE	1.655	142	122042	19.62	UG/L	#	100
20) METHYL ACETATE	1.786	43	56319	4.25	UG/L		96
21) T-BUTYL ALCOHOL	1.931	59	51030	114.12	UG/L	#	92
22) ACRYLONITRILE	2.009	53	27770	9.98	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	104847	8.54	UG/L		99
24) CARBON DISULFIDE	1.694	76	193518	13.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	189414	10.01	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	107996	10.14	UG/L		97
27) 1,1-DICHLOROETHANE	2.327	63	124038	10.50	UG/L		99
28) VINYL ACETATE	2.377	43	1455887	110.76	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	226571	10.87	UG/L		97
31) 2-BUTANONE	2.868	43	290638	131.20	UG/L		97
32) T-BUTYL ETHYL ETHER	2.709	59	194690	10.49	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.834	61	110568	10.93	UG/L		100
34) 2,2-DICHLOROPROPANE	2.834	77	71637	11.66	UG/L		100
35) ETHYL ACETATE	2.943	43	63921	13.63	UG/L	#	84
38) BROMOCHLOROMETHANE	3.080	49	64221	12.10	UG/L		99
39) TETRAHYDROFURAN	3.135	42	17305	11.94	UG/L	#	79
40) CHLOROFORM	3.172	83	124227	11.45	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.345	97	99058	11.26	UG/L		99
42) CYCLOHEXANE	3.389	56	105668	11.18	UG/L		99
43) CARBON TETRACHLORIDE	3.503	117	79956	10.86	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	88555	10.94	UG/L		99
45) BENZENE	3.724	78	238001	10.53	UG/L		98
47) T-AMYLMETHYL ETHER	3.869	73	142110	10.54	UG/L	#	85
50) 1,2-DICHLOROETHANE	3.752	62	102027	11.07	UG/L		99
51) TRICHLOROETHENE	4.388	95	64873	10.63	UG/L		100
52) METHYLCYCLOHEXANE	4.563	83	74331	9.70	UG/L		97
53) 1,2-DICHLOROPROPANE	4.611	63	63659	10.90	UG/L		98
54) DIBROMOMETHANE	4.725	93	41520	10.84	UG/L		97

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

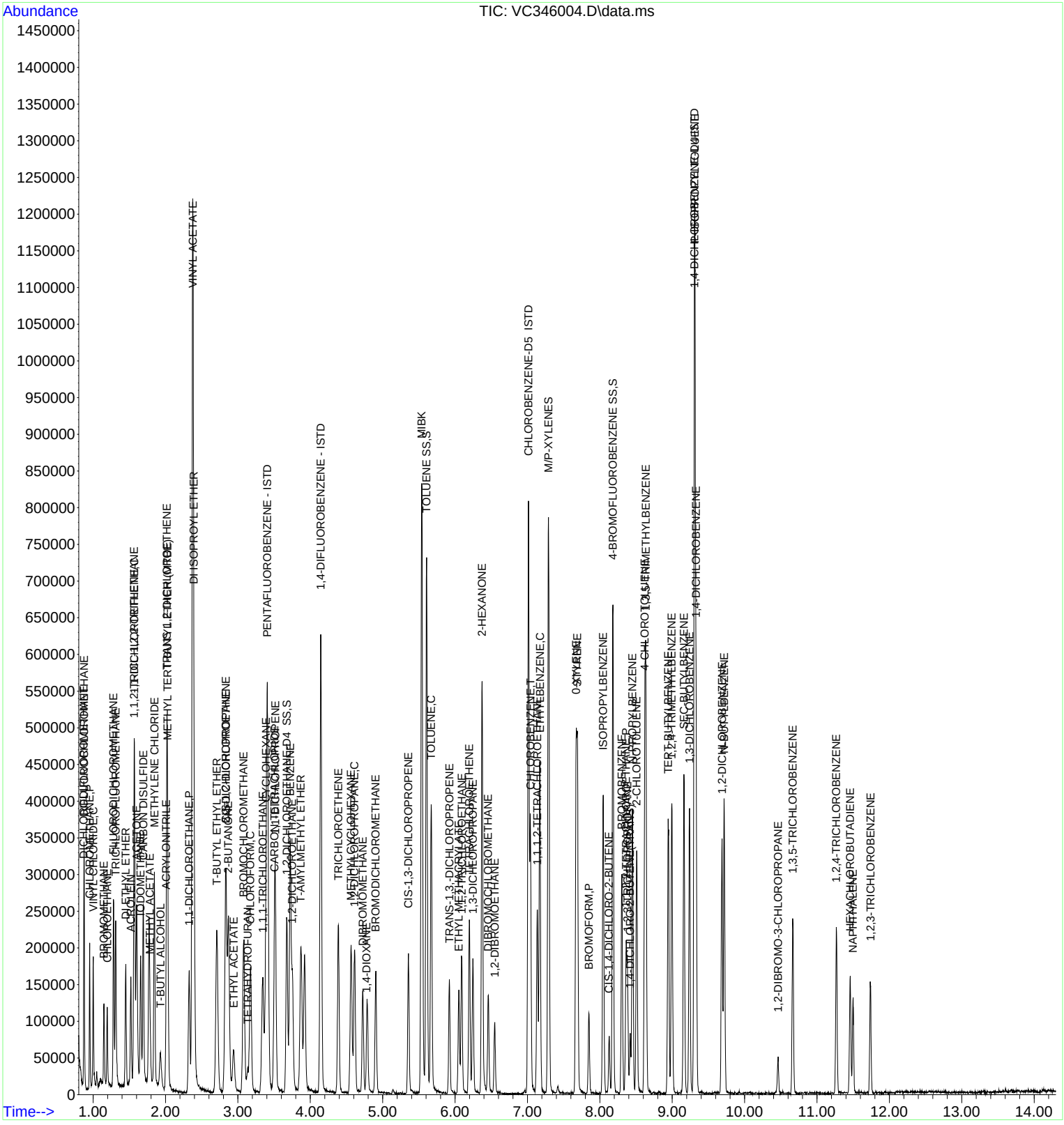
Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.775	88	5332m	121.29 UG/L	
57) BROMODICHLOROMETHANE	4.903	83	87009	9.55 UG/L	98
59) MIBK	5.539	43	504467	106.55 UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	82900	11.26 UG/L #	76
61) TOLUENE	5.670	91	234288	9.43 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.924	75	62230	11.05 UG/L	99
63) ETHYL METHACRYLATE	6.050	69	53684	8.14 UG/L	96
64) 1,1,2-TRICHLOROETHANE	6.094	97	46097	8.50 UG/L	99
65) 2-HEXANONE	6.373	43	308780	106.61 UG/L	95
66) TETRACHLOROETHENE	6.197	166	58400	9.16 UG/L	98
67) 1,3-DICHLOROPROPANE	6.248	76	81371	9.77 UG/L	98
68) DIBROMOCHLOROMETHANE	6.457	129	54461	10.09 UG/L	98
69) 1,2-DIBROMOETHANE	6.549	107	49983	9.53 UG/L	98
72) CHLOROBENZENE	7.042	112	154366	10.74 UG/L	97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	53092	10.93 UG/L	100
74) ETHYLBENZENE	7.173	91	264410	11.04 UG/L	100
75) M/P-XYLENES	7.290	91	408049	22.03 UG/L	100
76) 0-XYLENE	7.673	91	215631	11.84 UG/L	99
77) STYRENE	7.689	104	170795	11.87 UG/L	97
78) BROMOFORM	7.851	173	40744	13.02 UG/L	100
79) ISOPROPYLBENZENE	8.046	105	225038	12.53 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	14843	9.97 UG/L #	79
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	71069	12.50 UG/L	100
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	14788	13.01 UG/L	87
83) BROMOBENZENE	8.303	77	99262	11.24 UG/L	98
84) 1,2,3-TRICHLOROPROPANE	8.384	75	54324	12.78 UG/L	99
85) N-PROPYLBENZENE	8.451	91	251822	10.51 UG/L	98
86) 2-CHLOROT0LUENE	8.509	91	155516	10.26 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	215687	12.22 UG/L	96
88) 4-CHLOROTOLUENE	8.621	91	227299	12.72 UG/L	98
90) TERT-BUTYLBENZENE	8.944	119	162386	9.92 UG/L	98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	191083	9.50 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	254312	11.08 UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	134321	11.21 UG/L	98
94) P-ISOPROPYLTOLUENE	9.315	119	195207	10.71 UG/L	97
95) 1,4-DICHLOROBENZENE	9.329	146	126167	10.34 UG/L	98
96) N-BUTYLBENZENE	9.717	91	177872	9.88 UG/L	99
97) 1,2-DICHLOROBENZENE	9.689	146	115173	9.88 UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	8620	8.94 UG/L	93
99) 1,3,5-TRICHLOROBENZENE	10.665	180	63297	7.70 UG/L	96
100) 1,2,4-TRICHLOROBENZENE	11.267	180	58694	10.35 UG/L	97
101) HEXACHLOROBUTADIENE	11.459	225	26640	9.69 UG/L #	75
102) NAPHTHALENE	11.499	128	80067	9.85 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.741	180	37777	9.37 UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346004.D
Acq On : 12 Dec 2011 8:43 am
Operator :
Sample : B0-BS1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 12 22:28:57 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	115	0.54	50	
107-13-1	Acrylonitrile	8.94	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.4	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	12.8	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.20	0.080	0.50	
75-25-2	Bromoform	10.7	0.25	1.0	
74-83-9	Bromomethane	7.16	0.38	2.0	
78-93-3	2-Butanone (MEK)	118	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	90.3	3.5	20	V-16
104-51-8	n-Butylbenzene	9.17	0.050	1.0	
135-98-8	sec-Butylbenzene	10.4	0.050	1.0	
98-06-6	tert-Butylbenzene	10.8	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	13.2	0.050	4.0	L-02
56-23-5	Carbon Tetrachloride	10.8	0.090	5.0	
108-90-7	Chlorobenzene	10.5	0.050	1.0	
124-48-1	Chlorodibromomethane	11.5	0.12	0.50	
75-00-3	Chloroethane	9.21	0.33	2.0	
67-66-3	Chloroform	11.7	0.040	2.0	
74-87-3	Chloromethane	10.6	0.13	2.0	
95-49-8	2-Chlorotoluene	11.2	0.050	1.0	
106-43-4	4-Chlorotoluene	11.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.24	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	10.3	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.5	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.7	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	8.90	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.26	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.8	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	
60-29-7	Diethyl Ether	9.81	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.2	0.030	0.50	
123-91-1	1,4-Dioxane	106	3.5	50	V-16
100-41-4	Ethylbenzene	10.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.95	0.26	0.50	
591-78-6	2-Hexanone (MBK)	111	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.7	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	8.96	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0105
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042460-BSD1	File ID:	VC346005.D
Sampled:		Prepared:	12/09/11 13:57	Analyzed:	12/12/11 09:13
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042460	Sequence:	S001575	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.00	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	9.52	0.21	2.0	
103-65-1	n-Propylbenzene	11.1	0.040	1.0	
100-42-5	Styrene	11.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.2	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.3	0.18	0.50	
127-18-4	Tetrachloroethylene	10.1	0.14	1.0	
109-99-9	Tetrahydrofuran	11.1	1.0	10	
108-88-3	Toluene	10.7	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.28	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.87	0.11	1.0	V-05
108-70-3	1,3,5-Trichlorobenzene	8.45	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.97	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.18	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.0	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.6	0.060	1.0	
75-01-4	Vinyl Chloride	8.10	0.16	2.0	
108383/106423	m+p Xylene	21.4	0.070	2.0	
95-47-6	o-Xylene	11.1	0.050	1.0	

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:30:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	349356	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	509877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	256609	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	242784	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	174437	26.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.40%				
49) TOLUENE SS	5.606	98	512629	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	193069	25.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	70733	8.90	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.874	51	91146	8.97	UG/L		100
5) CHLOROMETHANE	0.952	50	89289	10.62	UG/L		100
6) VINYL CHLORIDE	0.999	62	78935	8.10	UG/L		97
7) BROMOMETHANE	1.147	94	46957	7.16	UG/L		97
8) CHLOROETHANE	1.195	64	47776	9.21	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	140869	8.03	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	109479	10.15	UG/L		100
12) DI ETHYL ETHER	1.448	59	58830	9.81	UG/L		99
13) ACROLEIN	1.521	56	63757	114.27	UG/L		100
14) ACETONE	1.599	43	215655	114.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.571	61	115443	8.26	UG/L		99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	62666	8.18	UG/L		99
17) IODOMETHANE	1.655	142	117657	18.55	UG/L	#	100
20) METHYL ACETATE	1.786	43	55117	3.78	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	44403	90.29	UG/L	#	96
22) ACRYLONITRILE	2.009	53	27350	8.94	UG/L		96
23) METHYLENE CHLORIDE	1.844	49	108107	8.00	UG/L		98
24) CARBON DISULFIDE	1.694	76	208217	13.15	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	186361	8.96	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	118545	10.12	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	140608	10.82	UG/L		100
28) VINYL ACETATE	2.374	43	1431693	99.58	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	257470	11.23	UG/L		94
31) 2-BUTANONE	2.868	43	288113	118.26	UG/L		97
32) T-BUTYL ETHYL ETHER	2.709	59	216741	10.62	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.831	61	127028	11.42	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	80050	11.85	UG/L		98
35) ETHYL ACETATE	2.940	43	65714	12.61	UG/L	#	93
38) BROMOCHLOROMETHANE	3.077	49	74787	12.81	UG/L		93
39) TETRAHYDROFURAN	3.135	42	17635	11.06	UG/L	#	75
40) CHLOROFORM	3.172	83	139721	11.71	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.347	97	114887	11.87	UG/L		98
42) CYCLOHEXANE	3.395	56	127298	12.24	UG/L		97
43) CARBON TETRACHLORIDE	3.504	117	87800	10.84	UG/L		97
44) 1,1-DICHLOROPROPENE	3.515	75	105408	11.84	UG/L		99
45) BENZENE	3.724	78	282128	11.35	UG/L		98
47) T-AMYLMETHYL ETHER	3.869	73	154909	10.44	UG/L	#	90
50) 1,2-DICHLOROETHANE	3.752	62	119421	11.04	UG/L		98
51) TRICHLOROETHENE	4.388	95	75079	10.48	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	90592	10.07	UG/L		97
53) 1,2-DICHLOROPROPANE	4.611	63	75135	10.96	UG/L		96
54) DIBROMOMETHANE	4.725	93	47311	10.52	UG/L		98

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

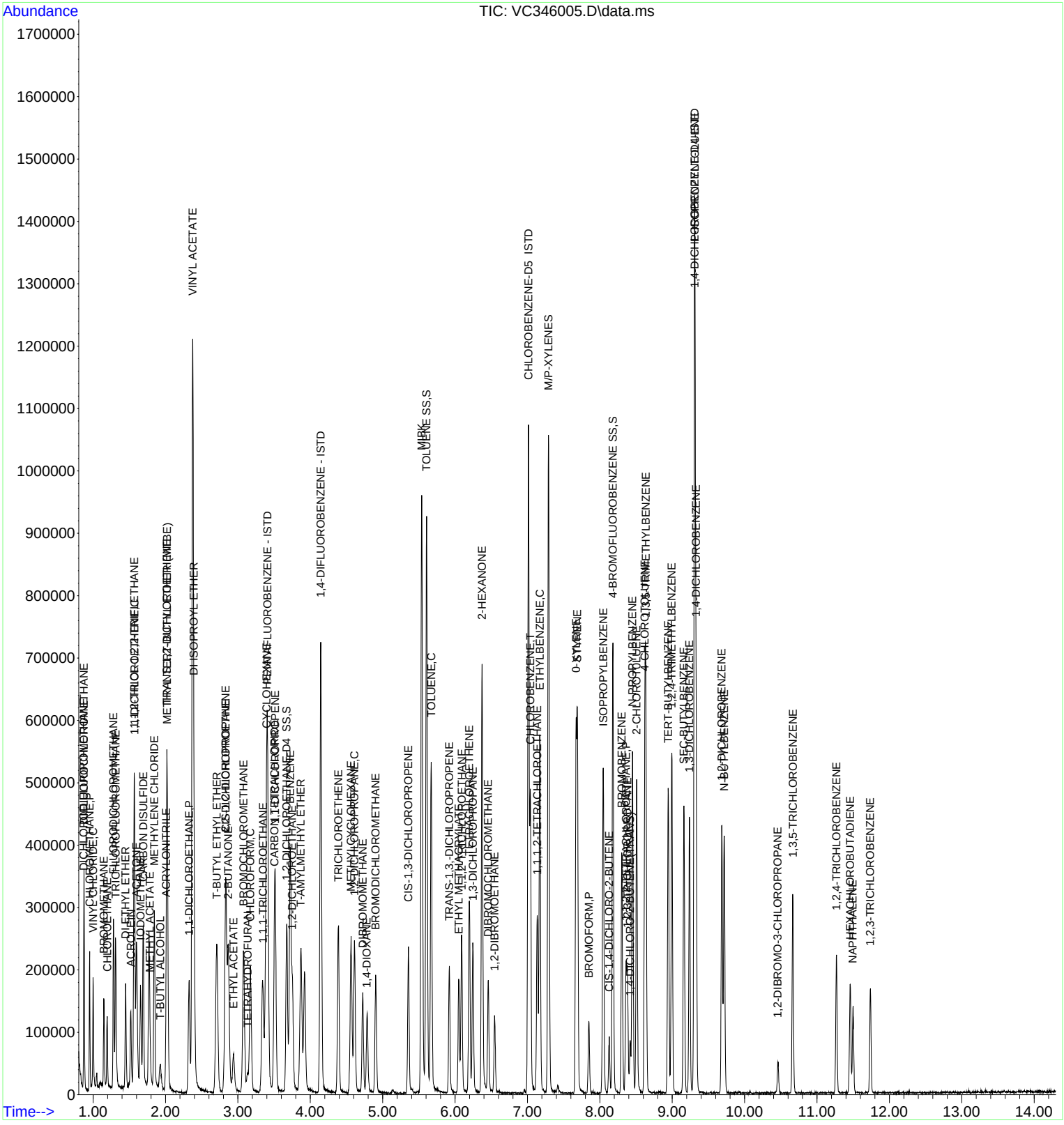
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Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
56) 1,4-DIOXANE	4.778	88	5451m	105.64 UG/L	
57) BROMODICHLOROMETHANE	4.903	83	98304	9.20 UG/L	100
59) MIBK	5.539	43	578071	104.02 UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.355	75	103697	12.00 UG/L	100
61) TOLUENE	5.670	91	312191	10.71 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	84391	12.77 UG/L	96
63) ETHYL METHACRYLATE	6.050	69	72317	9.19 UG/L	97
64) 1,1,2-TRICHLOROETHANE	6.091	97	63450	9.97 UG/L	98
65) 2-HEXANONE	6.373	43	376649	110.79 UG/L	97
66) TETRACHLOROETHENE	6.197	166	75411	10.08 UG/L	99
67) 1,3-DICHLOROPROPANE	6.248	76	108378	11.09 UG/L	99
68) DIBROMOCHLOROMETHANE	6.457	129	73111	11.54 UG/L	99
69) 1,2-DIBROMOETHANE	6.546	107	63301	10.28 UG/L	98
72) CHLOROBENZENE	7.040	112	201379	10.53 UG/L	97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	66050	10.22 UG/L	99
74) ETHYLBENZENE	7.171	91	342774	10.76 UG/L	99
75) M/P-XYLENES	7.290	91	528544	21.44 UG/L	99
76) 0-XYLENE	7.673	91	267934	11.06 UG/L	100
77) STYRENE	7.689	104	216366	11.30 UG/L	96
78) BROMOFORM	7.851	173	44665	10.73 UG/L	99
79) ISOPROPYLBENZENE	8.049	105	304324	12.73 UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	16585	8.40 UG/L	82
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	78069	10.32 UG/L	97
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	16247	10.74 UG/L	86
83) BROMOBENZENE	8.303	77	124619	10.60 UG/L	97
84) 1,2,3-TRICHLOROPROPANE	8.384	75	58686	10.38 UG/L	98
85) N-PROPYLBENZENE	8.451	91	353948	11.10 UG/L	98
86) 2-CHLOROT0LUENE	8.509	91	225848	11.19 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	249561	10.62 UG/L	96
88) 4-CHLOROTOLUENE	8.621	91	260351	10.95 UG/L	97
90) TERT-BUTYLBENZENE	8.944	119	201986	10.75 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	254416	11.02 UG/L	97
92) SEC-BUTYLBENZENE	9.159	105	274447	10.42 UG/L	100
93) 1,3-DICHLOROBENZENE	9.237	146	145336	10.57 UG/L	99
94) P-ISOPROPYLTOLUENE	9.315	119	236698	11.31 UG/L	97
95) 1,4-DICHLOROBENZENE	9.329	146	151829	10.84 UG/L	97
96) N-BUTYLBENZENE	9.719	91	193243	9.17 UG/L	98
97) 1,2-DICHLOROBENZENE	9.683	146	142175	10.62 UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	9116	8.24 UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.668	180	79916	8.45 UG/L	96
100) 1,2,4-TRICHLOROBENZENE	11.270	180	55590	8.87 UG/L	99
101) HEXACHLOROBUTADIENE	11.460	225	31468	9.95 UG/L	100
102) NAPHTHALENE	11.496	128	85776	9.52 UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.736	180	42735	9.28 UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\Element_11\MSDChem\1\DATA\121211\
Data File : VC346005.D
Acq On : 12 Dec 2011 9:13 am
Operator :
Sample : B0-BSD1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 12 22:30:10 2011
Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 12 06:06:35 2011
Response via : Initial Calibration



Data Package

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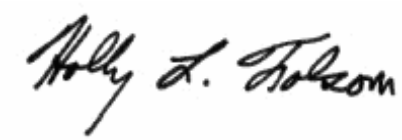
December 16, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0228

Enclosed are results of analyses for samples received by the laboratory on December 7, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/16/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0228

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120211	11L0228-01	Trip Blank Water		SW-846 8260C	
PW20-200	11L0228-02	Waste Water		SW-846 8260C	
PW23-100	11L0228-03	Waste Water		SW-846 8260C	
PW23-150	11L0228-04	Waste Water		SW-846 8260C	
PW23-175	11L0228-05	Waste Water		SW-846 8260C	
PW23-200	11L0228-06	Waste Water		SW-846 8260C	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Carbon Disulfide, Isopropylbenzene (Cumene)

B042817-BS1, B042817-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 1,2-Dibromoethane (EDB), 1,3-Dichloropropane, 1,4-Dioxane, 2-Chlorotoluene, Bromobenzene, Bromoform, Carbon Disulfide, Isopropylbenzene (Cumene), m+p Xylene, n-Propylbenzene, Tetrahydrofuran

B042744-BS1, B042817-BSD1, B042817-BS1, B042744-BSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 2-Chlorotoluene, n-Propylbenzene, trans-1,4-Dichloro-2-butene

B042817-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane (DBCP), 2-Chlorotoluene, n-Butylbenzene, n-Propylbenzene, tert-Butylbenzene, trans-1,4-Dichloro-2-butene

11L0228-03[PW23-100], 11L0228-06[PW23-200], B042817-BLK1, B042817-BS1, B042817-BSD1, 11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-04[PW23-150], 11L0228-05[PW23-175], B042744-BLK1, B042744-BS1, B042744-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane

11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-04[PW23-150], 11L0228-05[PW23-175], B042744-BLK1, B042744-BS1, B042744-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0228-01[TB-120211], 11L0228-02[PW20-200], 11L0228-03[PW23-100], 11L0228-04[PW23-150], 11L0228-05[PW23-175], 11L0228-06[PW23-200], B042744-BLK1, B042744-BS1, B042744-BSD1, B042817-BLK1, B042817-BS1, B042817-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromochloromethane, Chlorodibromomethane, Tetrahydrofuran

B042744-BS1, B042744-BSD1, B042817-BS1, B042817-BSD1

Sample was poured into a new vial due to an excessive amount of sediment present.

Analyte & Samples(s) Qualified:

11L0228-05[PW23-175]

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Michael A. Erickson
Laboratory Director

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: TB-120211 | Sampled: 12/2/2011 07:30

Sample ID: 11L0228-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: TB-120211 | Sampled: 12/2/2011 07:30

Sample ID: 11L0228-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 17:01	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/14/11 17:01
Toluene-d8	98.1	70-130		12/14/11 17:01
4-Bromofluorobenzene	100	70-130		12/14/11 17:01

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW20-200 | Sampled: 12/2/2011 07:35

Sample ID: 11L0228-02

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Dichlorodifluoromethane (Freon 12)	2.2	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloroethane	5.2	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloroethylene	1.6	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW20-200 | Sampled: 12/2/2011 07:35

Sample ID: 11L0228-02

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Methyl tert-Butyl Ether (MTBE)	1.1	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,1-Trichloroethane	1.5	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 19:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	103	70-130		12/14/11 19:32
Toluene-d8	102	70-130		12/14/11 19:32
4-Bromofluorobenzene	100	70-130		12/14/11 19:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-100 | Sampled: 12/5/2011 11:40

Sample ID: 11L0228-03

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
n-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Chlorotoluene	ND	10	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-100 | Sampled: 12/5/2011 11:40

Sample ID: 11L0228-03

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
n-Propylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 13:41	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	104	70-130		12/15/11 13:41
Toluene-d8	95.1	70-130		12/15/11 13:41
4-Bromofluorobenzene	95.1	70-130		12/15/11 13:41

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-150 | Sampled: 12/6/2011 08:40

Sample ID: 11L0228-04

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloroethane	2.1	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloroethylene	1.3	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-150 | Sampled: 12/6/2011 08:40

Sample ID: 11L0228-04

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Methyl tert-Butyl Ether (MTBE)	3.8	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:02	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	106	70-130		12/14/11 20:02
Toluene-d8	98.2	70-130		12/14/11 20:02
4-Bromofluorobenzene	96.4	70-130		12/14/11 20:02

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-175 | Sampled: 12/6/2011 10:45

Sample ID: 11L0228-05

Sample Matrix: Waste Water

Sample Flags: Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Chlorotoluene	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	R-05	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-175 | Sampled: 12/6/2011 10:45

Sample ID: 11L0228-05

Sample Matrix: Waste Water

Sample Flags: Z-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/14/11	12/14/11 20:32	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.7	70-130		12/14/11 20:32
Toluene-d8	98.7	70-130		12/14/11 20:32
4-Bromofluorobenzene	101	70-130		12/14/11 20:32

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-200 | Sampled: 12/6/2011 13:20

Sample ID: 11L0228-06

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
n-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Carbon Disulfide	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Chlorotoluene	ND	10	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloroethane	1.6	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloroethylene	1.2	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0228

Date Received: 12/7/2011

Field Sample #: PW23-200 | Sampled: 12/6/2011 13:20

Sample ID: 11L0228-06

Sample Matrix: Waste Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Methyl tert-Butyl Ether (MTBE)	2.0	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
n-Propylbenzene	ND	1.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,3-Trichloropropane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/15/11	12/15/11 14:12	LBD

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	101	70-130		12/15/11 14:12
Toluene-d8	99.4	70-130		12/15/11 14:12
4-Bromofluorobenzene	101	70-130		12/15/11 14:12

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0228-01 [TB-120211]	B042744	5	5.00	12/14/11
11L0228-02 [PW20-200]	B042744	5	5.00	12/14/11
11L0228-04 [PW23-150]	B042744	5	5.00	12/14/11
11L0228-05 [PW23-175]	B042744	5	5.00	12/14/11

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0228-03 [PW23-100]	B042817	5	5.00	12/15/11
11L0228-06 [PW23-200]	B042817	5	5.00	12/15/11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042744 - SW-846 5030B										
Blank (B042744-BLK1)				Prepared & Analyzed: 12/14/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	10	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							R-05
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							V-05
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
Blank (B042744-BLK1)				Prepared & Analyzed: 12/14/11								
Methylene Chloride	ND	5.0	µg/L									
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*26.8*		µg/L	25.0		107		70-130				
Surrogate: Toluene-d8	*23.8*		µg/L	25.0		95.4		70-130				
Surrogate: 4-Bromofluorobenzene	*25.0*		µg/L	25.0		100		70-130				
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
Acetone	126	50	µg/L	100		126		70-160				†
Acrylonitrile	9.51	5.0	µg/L	10.0		95.1		70-130				
tert-Amyl Methyl Ether (TAME)	9.03	0.50	µg/L	10.0		90.3		70-130				
Benzene	10.5	1.0	µg/L	10.0		105		70-130				
Bromobenzene	13.1	1.0	µg/L	10.0		**131**	*	70-130			L-07	
Bromochloromethane	10.6	1.0	µg/L	10.0		106		70-130			V-20	
Bromodichloromethane	8.51	0.50	µg/L	10.0		85.1		70-130				
Bromoform	11.1	1.0	µg/L	10.0		111		70-130				
Bromomethane	5.27	2.0	µg/L	10.0		52.7		40-160				†
2-Butanone (MEK)	107	20	µg/L	100		107		40-160			V-20	†
tert-Butyl Alcohol (TBA)	102	20	µg/L	100		102		40-160			V-16	†
n-Butylbenzene	8.90	1.0	µg/L	10.0		89.0		70-130				
sec-Butylbenzene	9.04	1.0	µg/L	10.0		90.4		70-130				
tert-Butylbenzene	9.24	1.0	µg/L	10.0		92.4		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.67	0.50	µg/L	10.0		96.7		70-130				
Carbon Disulfide	13.1	10	µg/L	10.0		**131**	*	70-130			L-07	
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102		70-130				
Chlorobenzene	9.93	1.0	µg/L	10.0		99.3		70-130				
Chlorodibromomethane	11.0	0.50	µg/L	10.0		110		70-130				
Chloroethane	9.15	2.0	µg/L	10.0		91.5		70-130				
Chloroform	10.8	2.0	µg/L	10.0		108		70-130				
Chloromethane	7.87	2.0	µg/L	10.0		78.7		40-160				†
2-Chlorotoluene	13.2	10	µg/L	10.0		**132**	*	70-130			L-07	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
4-Chlorotoluene	11.8	1.0	µg/L	10.0		118		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.42	5.0	µg/L	10.0		74.2		70-130			R-05	
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110		70-130				
Dibromomethane	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichlorobenzene	8.93	1.0	µg/L	10.0		89.3		70-130				
1,3-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,4-Dichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130				
trans-1,4-Dichloro-2-butene	11.6	2.0	µg/L	10.0		116		70-130				
Dichlorodifluoromethane (Freon 12)	6.27	2.0	µg/L	10.0		62.7		40-160				†
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108		70-130				
1,2-Dichloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1-Dichloroethylene	8.63	1.0	µg/L	10.0		86.3		70-130				
cis-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100		70-130				
trans-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104		70-130				
1,2-Dichloropropane	9.45	1.0	µg/L	10.0		94.5		70-130				
1,3-Dichloropropane	9.84	0.50	µg/L	10.0		98.4		70-130				
2,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		40-130			V-05	†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106		70-130				
cis-1,3-Dichloropropene	10.7	0.50	µg/L	10.0		107		70-130				
trans-1,3-Dichloropropene	11.2	0.50	µg/L	10.0		112		70-130				
Diethyl Ether	10.1	2.0	µg/L	10.0		101		70-130				
Diisopropyl Ether (DIPE)	11.0	0.50	µg/L	10.0		110		70-130				
1,4-Dioxane	136	50	µg/L	100		**136**	*	40-130			L-07, V-16, V-20	†
Ethylbenzene	11.9	1.0	µg/L	10.0		119		70-130				
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101		70-130				
2-Hexanone (MBK)	119	10	µg/L	100		119		70-160				†
Isopropylbenzene (Cumene)	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-07	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109		70-130				
Methyl tert-Butyl Ether (MTBE)	9.63	1.0	µg/L	10.0		96.3		70-130				
Methylene Chloride	8.72	5.0	µg/L	10.0		87.2		70-130				
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104		70-160				†
Naphthalene	9.28	2.0	µg/L	10.0		92.8		40-130				†
n-Propylbenzene	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-07	
Styrene	11.0	1.0	µg/L	10.0		110		70-130				
1,1,1,2-Tetrachloroethane	11.4	1.0	µg/L	10.0		114		70-130				
1,1,2,2-Tetrachloroethane	12.7	0.50	µg/L	10.0		127		70-130				
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109		70-130				
Tetrahydrofuran	10.3	10	µg/L	10.0		103		70-130			V-20	
Toluene	10.1	1.0	µg/L	10.0		101		70-130				
1,2,3-Trichlorobenzene	9.34	5.0	µg/L	10.0		93.4		70-130				
1,2,4-Trichlorobenzene	8.76	1.0	µg/L	10.0		87.6		70-130				
1,3,5-Trichlorobenzene	9.87	1.0	µg/L	10.0		98.7		70-130				
1,1,1-Trichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1,2-Trichloroethane	9.10	1.0	µg/L	10.0		91.0		70-130				
Trichloroethylene	9.99	1.0	µg/L	10.0		99.9		70-130				
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106		70-130				
1,2,3-Trichloropropane	13.4	2.0	µg/L	10.0		**134**	*	70-130			L-07	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.21	1.0	µg/L	10.0		92.1		70-130				
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.0		104		70-130				
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130				
Vinyl Chloride	7.93	2.0	µg/L	10.0		79.3		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS (B042744-BS1)				Prepared & Analyzed: 12/14/11								
m+p Xylene	27.4	2.0	µg/L	20.0		**137**	*	70-130			L-07	
o-Xylene	11.7	1.0	µg/L	10.0		117		70-130				
Surrogate: 1,2-Dichloroethane-d4	*25.8*		µg/L	25.0		103		70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.0		70-130				
Surrogate: 4-Bromofluorobenzene	*28.4*		µg/L	25.0		114		70-130				
LCS Dup (B042744-BSD1)				Prepared & Analyzed: 12/14/11								
Acetone	124	50	µg/L	100		124		70-160	1.48	25		†
Acrylonitrile	9.58	5.0	µg/L	10.0		95.8		70-130	0.733	25		
tert-Amyl Methyl Ether (TAME)	10.2	0.50	µg/L	10.0		102		70-130	12.5	25		
Benzene	11.6	1.0	µg/L	10.0		116		70-130	9.69	25		
Bromobenzene	10.7	1.0	µg/L	10.0		107		70-130	19.9	25		
Bromochloromethane	12.3	1.0	µg/L	10.0		123		70-130	14.6	25	V-20	
Bromodichloromethane	9.23	0.50	µg/L	10.0		92.3		70-130	8.12	25		
Bromoform	10.8	1.0	µg/L	10.0		108		70-130	2.01	25		
Bromomethane	5.39	2.0	µg/L	10.0		53.9		40-160	2.25	25		†
2-Butanone (MEK)	128	20	µg/L	100		128		40-160	17.6	25	V-20	†
tert-Butyl Alcohol (TBA)	103	20	µg/L	100		103		40-160	0.594	25	V-16	†
n-Butylbenzene	10.1	1.0	µg/L	10.0		101		70-130	12.2	25		
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103		70-130	13.2	25		
tert-Butylbenzene	10.5	1.0	µg/L	10.0		105		70-130	13.1	25		
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104		70-130	6.99	25		
Carbon Disulfide	12.3	10	µg/L	10.0		123		70-130	6.06	25		
Carbon Tetrachloride	11.1	5.0	µg/L	10.0		111		70-130	8.44	25		
Chlorobenzene	10.3	1.0	µg/L	10.0		103		70-130	3.66	25		
Chlorodibromomethane	12.1	0.50	µg/L	10.0		121		70-130	9.65	25		
Chloroethane	8.38	2.0	µg/L	10.0		83.8		70-130	8.78	25		
Chloroform	12.0	2.0	µg/L	10.0		120		70-130	11.1	25		
Chloromethane	7.41	2.0	µg/L	10.0		74.1		40-160	6.02	25		†
2-Chlorotoluene	11.2	10	µg/L	10.0		112		70-130	16.2	25		
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111		70-130	6.13	25		
1,2-Dibromo-3-chloropropane (DBCP)	9.70	5.0	µg/L	10.0		97.0		70-130	**26.6**	* 25	R-05	
1,2-Dibromoethane (EDB)	11.5	0.50	µg/L	10.0		115		70-130	4.25	25		
Dibromomethane	11.3	1.0	µg/L	10.0		113		70-130	7.90	25		
1,2-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	17.5	25		
1,3-Dichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	5.77	25		
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108		70-130	6.78	25		
trans-1,4-Dichloro-2-butene	10.1	2.0	µg/L	10.0		101		70-130	14.4	25		
Dichlorodifluoromethane (Freon 12)	5.51	2.0	µg/L	10.0		55.1		40-160	12.9	25		†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106		70-130	2.14	25		
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116		70-130	2.71	25		
1,1-Dichloroethylene	8.26	1.0	µg/L	10.0		82.6		70-130	4.38	25		
cis-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113		70-130	11.7	25		
trans-1,2-Dichloroethylene	9.98	1.0	µg/L	10.0		99.8		70-130	4.41	25		
1,2-Dichloropropane	11.0	1.0	µg/L	10.0		110		70-130	15.2	25		
1,3-Dichloropropane	11.5	0.50	µg/L	10.0		115		70-130	15.3	25		
2,2-Dichloropropane	11.2	1.0	µg/L	10.0		112		40-130	8.79	25	V-05	†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116		70-130	8.11	25		
cis-1,3-Dichloropropene	11.7	0.50	µg/L	10.0		117		70-130	9.00	25		
trans-1,3-Dichloropropene	12.5	0.50	µg/L	10.0		125		70-130	10.5	25		
Diethyl Ether	10.2	2.0	µg/L	10.0		102		70-130	0.592	25		
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106		70-130	3.43	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042744 - SW-846 5030B												
LCS Dup (B042744-BSD1)				Prepared & Analyzed: 12/14/11								
1,4-Dioxane	128	50	µg/L	100		128		40-130	6.08	50	V-16, V-20	† ‡
Ethylbenzene	11.1	1.0	µg/L	10.0		111		70-130	6.79	25		
Hexachlorobutadiene	10.4	0.50	µg/L	10.0		104		70-130	3.13	25		
2-Hexanone (MBK)	131	10	µg/L	100		131		70-160	9.19	25		†
Isopropylbenzene (Cumene)	13.0	1.0	µg/L	10.0		130		70-130	4.42	25		
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.0		114		70-130	5.11	25		
Methyl tert-Butyl Ether (MTBE)	9.36	1.0	µg/L	10.0		93.6		70-130	2.84	25		
Methylene Chloride	8.35	5.0	µg/L	10.0		83.5		70-130	4.34	25		
4-Methyl-2-pentanone (MIBK)	121	10	µg/L	100		121		70-160	15.3	25		†
Naphthalene	10.2	2.0	µg/L	10.0		102		40-130	9.84	25		†
n-Propylbenzene	11.3	1.0	µg/L	10.0		113		70-130	18.2	25		
Styrene	11.0	1.0	µg/L	10.0		110		70-130	0.455	25		
1,1,1,2-Tetrachloroethane	9.92	1.0	µg/L	10.0		99.2		70-130	14.1	25		
1,1,2,2-Tetrachloroethane	11.2	0.50	µg/L	10.0		112		70-130	12.6	25		
Tetrachloroethylene	10.7	1.0	µg/L	10.0		107		70-130	2.13	25		
Tetrahydrofuran	13.2	10	µg/L	10.0		**132**	*	70-130	24.1	25	L-07, V-20	
Toluene	11.1	1.0	µg/L	10.0		111		70-130	9.24	25		
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104		70-130	10.8	25		
1,2,4-Trichlorobenzene	9.86	1.0	µg/L	10.0		98.6		70-130	11.8	25		
1,3,5-Trichlorobenzene	9.23	1.0	µg/L	10.0		92.3		70-130	6.70	25		
1,1,1-Trichloroethane	11.5	1.0	µg/L	10.0		115		70-130	7.23	25		
1,1,2-Trichloroethane	10.3	1.0	µg/L	10.0		103		70-130	12.7	25		
Trichloroethylene	10.7	1.0	µg/L	10.0		107		70-130	6.77	25		
Trichlorofluoromethane (Freon 11)	9.63	2.0	µg/L	10.0		96.3		70-130	9.87	25		
1,2,3-Trichloropropane	11.5	2.0	µg/L	10.0		115		70-130	14.8	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.39	1.0	µg/L	10.0		83.9		70-130	9.32	25		
1,2,4-Trimethylbenzene	11.3	1.0	µg/L	10.0		113		70-130	8.78	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130	5.49	25		
Vinyl Chloride	7.36	2.0	µg/L	10.0		73.6		40-160	7.46	25		†
m+p Xylene	22.3	2.0	µg/L	20.0		112		70-130	20.2	25		
o-Xylene	11.6	1.0	µg/L	10.0		116		70-130	0.429	25		
Surrogate: 1,2-Dichloroethane-d4	*26.6*		µg/L	25.0		106		70-130				
Surrogate: Toluene-d8	*25.3*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130				
Batch B042817 - SW-846 5030B												
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11								
Acetone	ND	50	µg/L									
Acrylonitrile	ND	5.0	µg/L									
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L									
Benzene	ND	1.0	µg/L									
Bromobenzene	ND	1.0	µg/L									
Bromochloromethane	ND	1.0	µg/L									
Bromodichloromethane	ND	0.50	µg/L									
Bromoform	ND	1.0	µg/L									
Bromomethane	ND	2.0	µg/L									
2-Butanone (MEK)	ND	20	µg/L									
tert-Butyl Alcohol (TBA)	ND	20	µg/L								V-16	
n-Butylbenzene	ND	1.0	µg/L								R-05	
sec-Butylbenzene	ND	1.0	µg/L									
tert-Butylbenzene	ND	1.0	µg/L								R-05	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B042817 - SW-846 5030B										
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11						
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	10	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	10	µg/L							R-05
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							R-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							R-05
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,3,5-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B042817 - SW-846 5030B											
Blank (B042817-BLK1)				Prepared: 12/14/11 Analyzed: 12/15/11							
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L							R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*26.5*		µg/L	25.0		106	70-130				
Surrogate: Toluene-d8	*24.2*		µg/L	25.0		97.0	70-130				
Surrogate: 4-Bromofluorobenzene	*23.4*		µg/L	25.0		93.4	70-130				
LCS (B042817-BS1)				Prepared: 12/14/11 Analyzed: 12/15/11							
Acetone	148	50	µg/L	100		148	70-160				†
Acrylonitrile	12.0	5.0	µg/L	10.0		120	70-130				
tert-Amyl Methyl Ether (TAME)	10.0	0.50	µg/L	10.0		100	70-130				
Benzene	10.6	1.0	µg/L	10.0		106	70-130				
Bromobenzene	9.47	1.0	µg/L	10.0		94.7	70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110	70-130			V-20	
Bromodichloromethane	8.50	0.50	µg/L	10.0		85.0	70-130				
Bromoform	11.9	1.0	µg/L	10.0		119	70-130				
Bromomethane	5.65	2.0	µg/L	10.0		56.5	40-160				†
2-Butanone (MEK)	122	20	µg/L	100		122	40-160			V-20	†
tert-Butyl Alcohol (TBA)	127	20	µg/L	100		127	40-160			V-16	†
n-Butylbenzene	7.37	1.0	µg/L	10.0		73.7	70-130			R-05	
sec-Butylbenzene	8.15	1.0	µg/L	10.0		81.5	70-130				
tert-Butylbenzene	8.47	1.0	µg/L	10.0		84.7	70-130			R-05	
tert-Butyl Ethyl Ether (TBEE)	9.95	0.50	µg/L	10.0		99.5	70-130				
Carbon Disulfide	14.5	10	µg/L	10.0		**145**	* 70-130			L-02	
Carbon Tetrachloride	10.7	5.0	µg/L	10.0		107	70-130				
Chlorobenzene	9.25	1.0	µg/L	10.0		92.5	70-130				
Chlorodibromomethane	11.4	0.50	µg/L	10.0		114	70-130			V-20	
Chloroethane	10.1	2.0	µg/L	10.0		101	70-130				
Chloroform	10.8	2.0	µg/L	10.0		108	70-130				
Chloromethane	9.34	2.0	µg/L	10.0		93.4	40-160				†
2-Chlorotoluene	10.1	10	µg/L	10.0		101	70-130			R-05	
4-Chlorotoluene	9.67	1.0	µg/L	10.0		96.7	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	9.44	5.0	µg/L	10.0		94.4	70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130				
Dibromomethane	10.8	1.0	µg/L	10.0		108	70-130				
1,2-Dichlorobenzene	9.60	1.0	µg/L	10.0		96.0	70-130				
1,3-Dichlorobenzene	9.42	1.0	µg/L	10.0		94.2	70-130				
1,4-Dichlorobenzene	9.44	1.0	µg/L	10.0		94.4	70-130				
trans-1,4-Dichloro-2-butene	9.89	2.0	µg/L	10.0		98.9	70-130			R-05	
Dichlorodifluoromethane (Freon 12)	6.75	2.0	µg/L	10.0		67.5	40-160				†
1,1-Dichloroethane	12.6	1.0	µg/L	10.0		126	70-130				
1,2-Dichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
1,1-Dichloroethylene	9.41	1.0	µg/L	10.0		94.1	70-130				
cis-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
trans-1,2-Dichloroethylene	11.8	1.0	µg/L	10.0		118	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B042817 - SW-846 5030B												
LCS (B042817-BS1)				Prepared: 12/14/11 Analyzed: 12/15/11								
1,2-Dichloropropane	10.2	1.0	µg/L	10.0		102		70-130				
1,3-Dichloropropane	13.6	0.50	µg/L	10.0		**136**	*	70-130			L-07	
2,2-Dichloropropane	8.97	1.0	µg/L	10.0		89.7		40-130				†
1,1-Dichloropropene	11.0	2.0	µg/L	10.0		110		70-130				
cis-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104		70-130				
trans-1,3-Dichloropropene	11.4	0.50	µg/L	10.0		114		70-130				
Diethyl Ether	11.8	2.0	µg/L	10.0		118		70-130				
Diisopropyl Ether (DIPE)	12.3	0.50	µg/L	10.0		123		70-130				
1,4-Dioxane	142	50	µg/L	100		**142**	*	40-130			L-02, V-16, V-20	†
Ethylbenzene	9.28	1.0	µg/L	10.0		92.8		70-130				
Hexachlorobutadiene	9.25	0.50	µg/L	10.0		92.5		70-130				
2-Hexanone (MBK)	138	10	µg/L	100		138		70-160			V-20	†
Isopropylbenzene (Cumene)	13.6	1.0	µg/L	10.0		**136**	*	70-130			L-02	
p-Isopropyltoluene (p-Cymene)	10.3	1.0	µg/L	10.0		103		70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108		70-130				
Methylene Chloride	9.43	5.0	µg/L	10.0		94.3		70-130				
4-Methyl-2-pentanone (MIBK)	116	10	µg/L	100		116		70-160			V-20	†
Naphthalene	9.63	2.0	µg/L	10.0		96.3		40-130				†
n-Propylbenzene	10.0	1.0	µg/L	10.0		100		70-130			R-05	
Styrene	12.3	1.0	µg/L	10.0		123		70-130				
1,1,1,2-Tetrachloroethane	8.92	1.0	µg/L	10.0		89.2		70-130				
1,1,2,2-Tetrachloroethane	9.91	0.50	µg/L	10.0		99.1		70-130				
Tetrachloroethylene	12.6	1.0	µg/L	10.0		126		70-130				
Tetrahydrofuran	10.7	10	µg/L	10.0		107		70-130			V-20	
Toluene	10.4	1.0	µg/L	10.0		104		70-130				
1,2,3-Trichlorobenzene	9.84	5.0	µg/L	10.0		98.4		70-130				
1,2,4-Trichlorobenzene	8.13	1.0	µg/L	10.0		81.3		70-130				
1,3,5-Trichlorobenzene	8.08	1.0	µg/L	10.0		80.8		70-130				
1,1,1-Trichloroethane	10.5	1.0	µg/L	10.0		105		70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102		70-130				
Trichloroethylene	10.6	1.0	µg/L	10.0		106		70-130				
Trichlorofluoromethane (Freon 11)	11.6	2.0	µg/L	10.0		116		70-130				
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103		70-130			R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.57	1.0	µg/L	10.0		95.7		70-130				
1,2,4-Trimethylbenzene	10.1	1.0	µg/L	10.0		101		70-130				
1,3,5-Trimethylbenzene	9.15	1.0	µg/L	10.0		91.5		70-130				
Vinyl Chloride	8.73	2.0	µg/L	10.0		87.3		40-160				†
m+p Xylene	19.8	2.0	µg/L	20.0		99.0		70-130				
o-Xylene	12.5	1.0	µg/L	10.0		125		70-130				
Surrogate: 1,2-Dichloroethane-d4	*27.6*		µg/L	25.0		110		70-130				
Surrogate: Toluene-d8	*25.5*		µg/L	25.0		102		70-130				
Surrogate: 4-Bromofluorobenzene	*28.8*		µg/L	25.0		115		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B042817 - SW-846 5030B													
LCS Dup (B042817-BSD1)				Prepared: 12/14/11 Analyzed: 12/15/11									
Acetone	141	50	µg/L	100		141		70-160	4.24		25		†
Acrylonitrile	11.4	5.0	µg/L	10.0		114		70-130	5.29		25		
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107		70-130	6.84		25		
Benzene	11.5	1.0	µg/L	10.0		115		70-130	8.14		25		
Bromobenzene	11.0	1.0	µg/L	10.0		110		70-130	15.3		25		
Bromochloromethane	11.3	1.0	µg/L	10.0		113		70-130	3.41		25	V-20	
Bromodichloromethane	10.2	0.50	µg/L	10.0		102		70-130	17.9		25		
Bromoform	13.1	1.0	µg/L	10.0		**131**	*	70-130	9.70		25	L-07	
Bromomethane	6.77	2.0	µg/L	10.0		67.7		40-160	18.0		25		†
2-Butanone (MEK)	120	20	µg/L	100		120		40-160	0.868		25	V-20	†
tert-Butyl Alcohol (TBA)	118	20	µg/L	100		118		40-160	7.29		25	V-16	†
n-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130	**36.4**	*	25	R-05	
sec-Butylbenzene	9.80	1.0	µg/L	10.0		98.0		70-130	18.4		25		
tert-Butylbenzene	11.3	1.0	µg/L	10.0		113		70-130	**29.0**	*	25	R-05	
tert-Butyl Ethyl Ether (TBEE)	10.6	0.50	µg/L	10.0		106		70-130	6.42		25		
Carbon Disulfide	14.8	10	µg/L	10.0		**148**	*	70-130	1.84		25	L-02	
Carbon Tetrachloride	11.2	5.0	µg/L	10.0		112		70-130	4.94		25		
Chlorobenzene	11.0	1.0	µg/L	10.0		110		70-130	17.5		25		
Chlorodibromomethane	11.9	0.50	µg/L	10.0		119		70-130	4.19		25	V-20	
Chloroethane	10.0	2.0	µg/L	10.0		100		70-130	1.39		25		
Chloroform	11.6	2.0	µg/L	10.0		116		70-130	7.69		25		
Chloromethane	9.22	2.0	µg/L	10.0		92.2		40-160	1.29		25		†
2-Chlorotoluene	13.6	10	µg/L	10.0		**136**	*	70-130	**29.8**	*	25	L-07A, R-05	
4-Chlorotoluene	11.7	1.0	µg/L	10.0		117		70-130	18.8		25		
1,2-Dibromo-3-chloropropane (DBCP)	10.6	5.0	µg/L	10.0		106		70-130	11.1		25		
1,2-Dibromoethane (EDB)	14.0	0.50	µg/L	10.0		**140**	*	70-130	24.1		25	L-07	
Dibromomethane	11.4	1.0	µg/L	10.0		114		70-130	5.22		25		
1,2-Dichlorobenzene	12.3	1.0	µg/L	10.0		123		70-130	25.0		25		
1,3-Dichlorobenzene	10.2	1.0	µg/L	10.0		102		70-130	8.44		25		
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0		106		70-130	11.7		25		
trans-1,4-Dichloro-2-butene	13.8	2.0	µg/L	10.0		**138**	*	70-130	**33.1**	*	25	L-07A, R-05	
Dichlorodifluoromethane (Freon 12)	7.31	2.0	µg/L	10.0		73.1		40-160	7.97		25		†
1,1-Dichloroethane	12.6	1.0	µg/L	10.0		126		70-130	0.556		25		
1,2-Dichloroethane	11.6	1.0	µg/L	10.0		116		70-130	12.8		25		
1,1-Dichloroethylene	9.74	1.0	µg/L	10.0		97.4		70-130	3.45		25		
cis-1,2-Dichloroethylene	10.9	1.0	µg/L	10.0		109		70-130	2.60		25		
trans-1,2-Dichloroethylene	12.1	1.0	µg/L	10.0		121		70-130	2.85		25		
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105		70-130	3.09		25		
1,3-Dichloropropane	12.1	0.50	µg/L	10.0		121		70-130	11.6		25		
2,2-Dichloropropane	9.09	1.0	µg/L	10.0		90.9		40-130	1.33		25		†
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116		70-130	4.69		25		
cis-1,3-Dichloropropene	11.0	0.50	µg/L	10.0		110		70-130	5.69		25		
trans-1,3-Dichloropropene	12.5	0.50	µg/L	10.0		125		70-130	9.52		25		
Diethyl Ether	12.2	2.0	µg/L	10.0		122		70-130	3.17		25		
Diisopropyl Ether (DIPE)	12.7	0.50	µg/L	10.0		127		70-130	3.52		25		
1,4-Dioxane	138	50	µg/L	100		**138**	*	40-130	2.40		50	L-02, V-16, V-20	† ‡
Ethylbenzene	10.9	1.0	µg/L	10.0		109		70-130	16.4		25		
Hexachlorobutadiene	10.1	0.50	µg/L	10.0		101		70-130	8.49		25		
2-Hexanone (MBK)	119	10	µg/L	100		119		70-160	14.8		25	V-20	†
Isopropylbenzene (Cumene)	13.1	1.0	µg/L	10.0		**131**	*	70-130	3.60		25	L-02	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.0		109		70-130	5.64		25		
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.0		109		70-130	1.29		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B042817 - SW-846 5030B													
LCS Dup (B042817-BSD1)				Prepared: 12/14/11 Analyzed: 12/15/11									
Methylene Chloride	9.64	5.0	µg/L	10.0		96.4		70-130	2.20		25		
4-Methyl-2-pentanone (MIBK)	115	10	µg/L	100		115		70-160	0.774		25	V-20	†
Naphthalene	9.33	2.0	µg/L	10.0		93.3		40-130	3.16		25		†
n-Propylbenzene	13.9	1.0	µg/L	10.0		**139**	*	70-130	**32.7**	*	25	L-07A, R-05	
Styrene	12.3	1.0	µg/L	10.0		123		70-130	0.0814		25		
1,1,1,2-Tetrachloroethane	10.3	1.0	µg/L	10.0		103		70-130	14.6		25		
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118		70-130	17.0		25		
Tetrachloroethylene	11.1	1.0	µg/L	10.0		111		70-130	12.8		25		
Tetrahydrofuran	10.9	10	µg/L	10.0		109		70-130	1.66		25	V-20	
Toluene	11.2	1.0	µg/L	10.0		112		70-130	7.12		25		
1,2,3-Trichlorobenzene	9.25	5.0	µg/L	10.0		92.5		70-130	6.18		25		
1,2,4-Trichlorobenzene	8.99	1.0	µg/L	10.0		89.9		70-130	10.0		25		
1,3,5-Trichlorobenzene	10.1	1.0	µg/L	10.0		101		70-130	22.3		25		
1,1,1-Trichloroethane	11.8	1.0	µg/L	10.0		118		70-130	11.6		25		
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130	9.81		25		
Trichloroethylene	11.0	1.0	µg/L	10.0		110		70-130	4.54		25		
Trichlorofluoromethane (Freon 11)	11.9	2.0	µg/L	10.0		119		70-130	2.39		25		
1,2,3-Trichloropropane	14.5	2.0	µg/L	10.0		**145**	*	70-130	**33.5**	*	25	L-07A, R-05	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42	1.0	µg/L	10.0		94.2		70-130	1.58		25		
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130	11.7		25		
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130	21.6		25		
Vinyl Chloride	9.03	2.0	µg/L	10.0		90.3		40-160	3.38		25		†
m+p Xylene	22.6	2.0	µg/L	20.0		113		70-130	13.0		25		
o-Xylene	11.9	1.0	µg/L	10.0		119		70-130	4.85		25		
Surrogate: 1,2-Dichloroethane-d4	*25.9*		µg/L	25.0		104		70-130					
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130					
Surrogate: 4-Bromofluorobenzene	*25.8*		µg/L	25.0		103		70-130					

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	Sample was poured into a new vial due to an excessive amount of sediment present.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

11L0228

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon / Rick Watt
Project Location: Farmingdale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project # 002698.ID25.03
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers (H)	** Preservation (H)	*** Container Code (V)	VOCs (8260B)
01	TB-120211	12/2/11	0730		X	DW	C	2			
02	PW20-200	12/2/11	0735		X	GW	L	3			
03	PW23-100	12/5/11	1140		X	GW	L	3			
04	PW23-150	12/6/11	0840		X	GW	L	3			
05	PW23-175	12/6/11	1045		X	GW	L	3			
06	PW23-200	12/6/11	1320		X	GW	L	3			

12/5/11

Comments: The PW23-175 samples appear to be off-gasing

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

ANALYSIS REQUESTED

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:**
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

****Preservation**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Relinquished by: (signature)	Date/Time:
	12/6/11 1715
Received by: (signature) Paula Bakelaar	Date/Time: 12:11 12/7/11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other see SOW
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
ACCREDITED LABORATORY AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

United States

New User | Log-In | Contact UPS | The UPS Sto

My UPS Shipping Tracking Freight Locations Support UPS Solutions

Tracking Number

Log-In for additional tracking details.

Tracking Detail

K1825356039

Updated: 12/(

Delivered

Delivered On:
Wednesday, 12/07/2011 at 12:11 P.M.

Request Status Updates

Left At:
Office

Signed By:
PRENKOWSKI

Proof of Delivery

Shippi

To:

Shipp

UPS

Additional Information

Type:

Package

Shipment Progress

What's This?

Subscribe to UPS E-mail: *Enter e-mail address*

View Examples

Contact UPS
Browse Online Support
E-mail UPS
Call Customer Service

Support
Get Started
Register
Open a Shipping Account
Change Your Delivery

Solutions for:
Healthcare
Small Business
High Tech
More...

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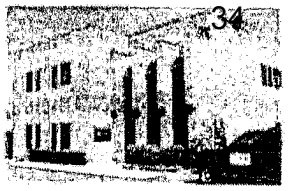
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Sample Receipt Checklist

CLIENT NAME: Ecology + Environmental RECEIVED BY: DB DATE: 12/7/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.6

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	17	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

UPS # K1825356039

40 mL vials: # HCl 17 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120211

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0228-01	File ID:	VC347054.D
Sampled:	12/02/11 07:30	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 17:01
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347054.D Vial: 53
Acq On : 14 Dec 2011 5:01 pm Operator:
Sample : 11L0228-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 06:57:37 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	251101	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	336551	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	166530	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	150898	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	122198	25.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%			
49) TOLUENE SS	5.606	98	331695	24.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.12%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	123156	25.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.28%			
Target Compounds						Qvalue
14) ACETONE	1.599	43	2870	2.12	UG/L #	44
23) METHYLENE CHLORIDE	1.847	49	7157	0.74	UG/L	95

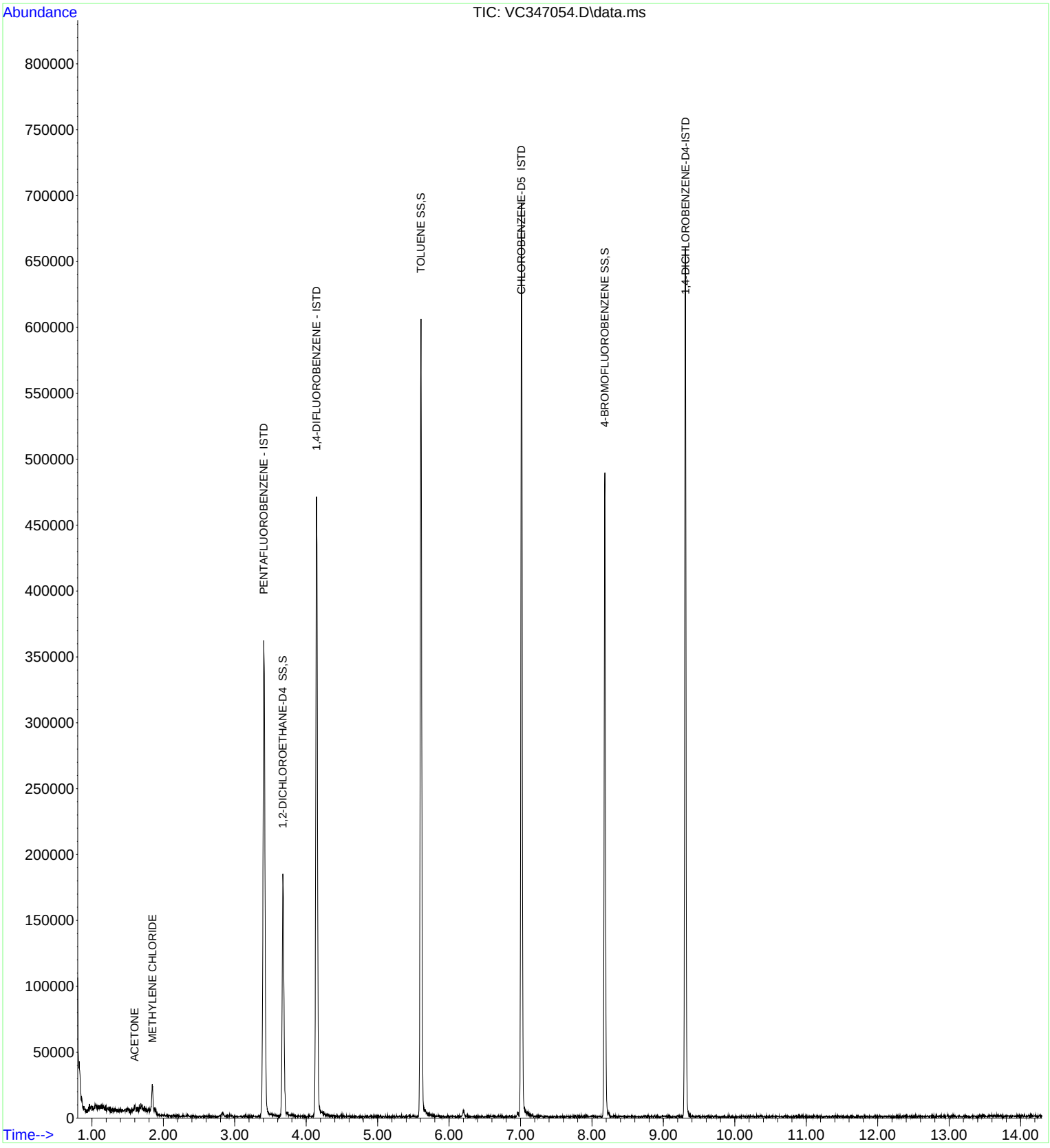
(#) = qualifier out of range (m) = manual integration (+) = signals summed

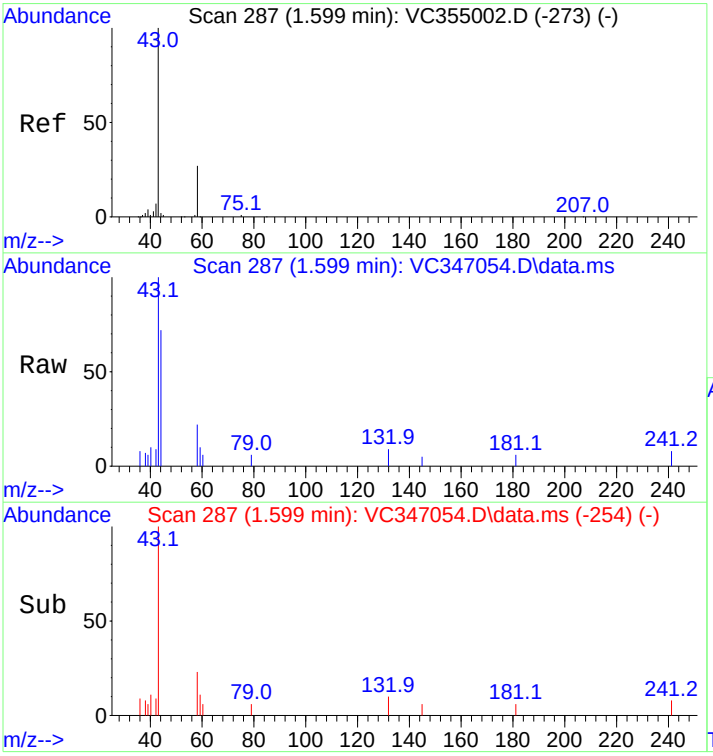
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347054.D
Acq On : 14 Dec 2011 5:01 pm
Sample : 11L0228-01 @ TB
Misc :
Quant Time: Dec 15 06:57:37 2011

Vial: 53
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

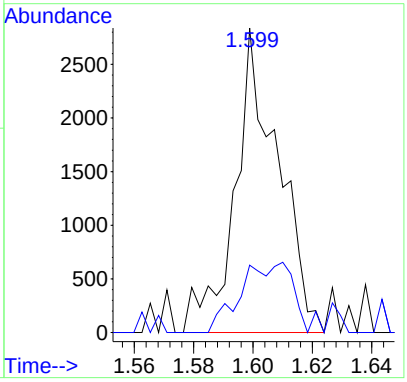


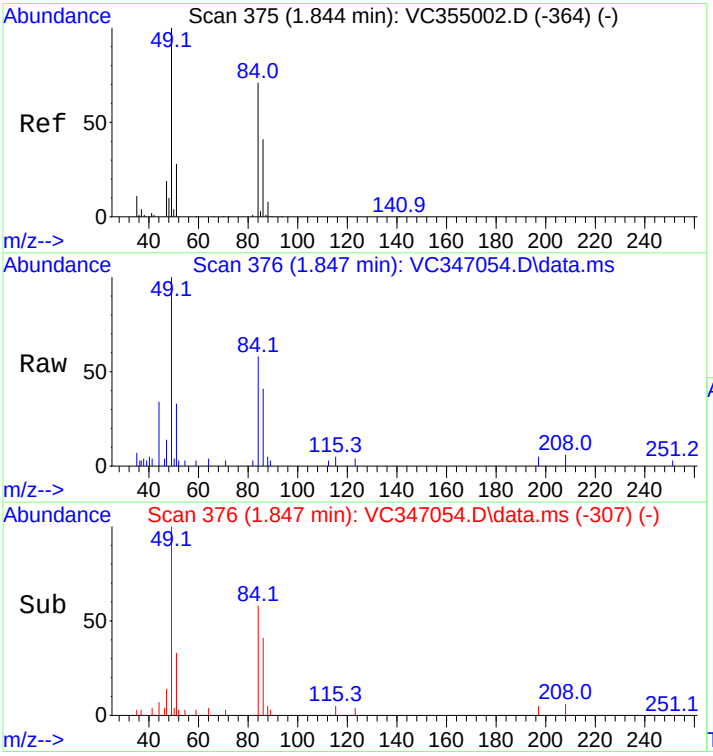


#14
ACETONE
Concen: 2.12 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347054.D
Acq: 14 Dec 2011 5:01 pm

Tgt Ion: 43 Resp: 2870

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

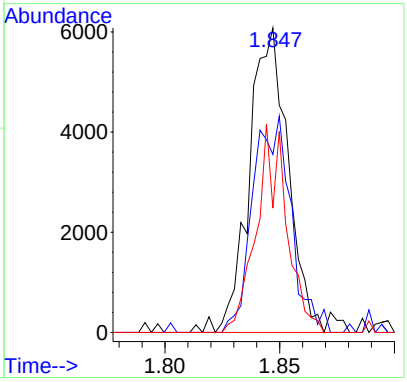




#23
METHYLENE CHLORIDE
Concen: 0.74 UG/L
RT: 1.847 min Scan# 376
Delta R.T. 0.001 min
Lab File: VC347054.D
Acq: 14 Dec 2011 5:01 pm

Tgt Ion: 49 Resp: 7157

Ion	Ratio	Lower	Upper
49	100		
84	69.9	57.8	86.8
86	53.1	37.5	56.3



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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	2.2	0.040	2.0	
75-34-3	1,1-Dichloroethane	5.2	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.6	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	1.1	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane	1.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW20-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-02	File ID:	VC347059.D
Sampled:	12/02/11 07:35	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 19:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347059.D Vial: 58
Acq On : 14 Dec 2011 7:32 pm Operator:
Sample : 11L0228-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:11:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

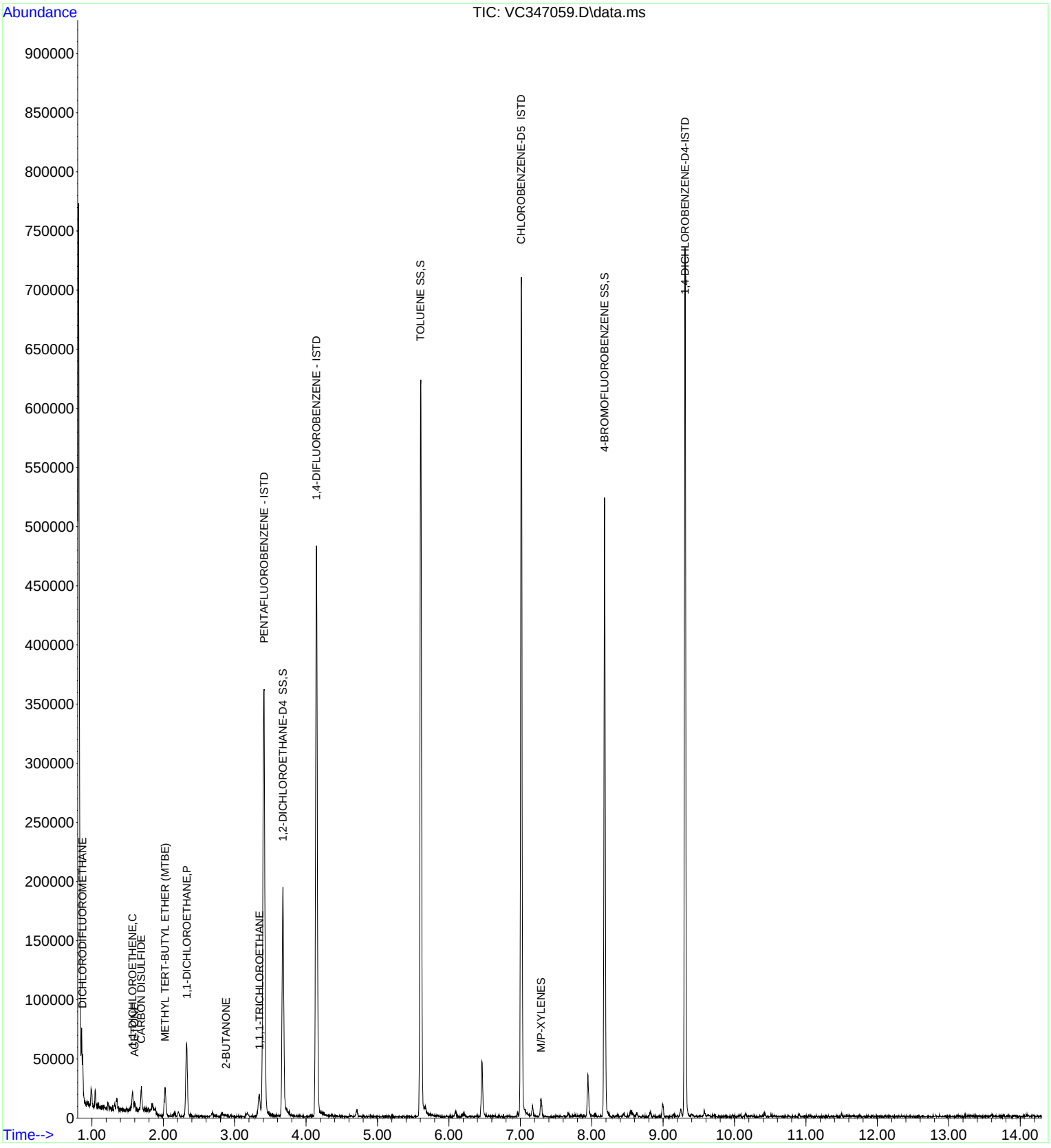
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	256255	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	345283	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	176009	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	165513	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	123907	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
49) TOLUENE SS	5.603	98	353383	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	130400	25.12	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	12690	2.18	UG/L		95
14) ACETONE	1.599	43	5609	4.07	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	6370	1.55	UG/L		98
24) CARBON DISULFIDE	1.691	76	15669	5.42	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	16281	1.07	UG/L	#	88
27) 1,1-DICHLOROETHANE	2.329	63	49187	5.16	UG/L		98
31) 2-BUTANONE	2.879	43	1659m	0.93	UG/L		
35) ETHYL ACETATE	2.937	43	511	Below Cal		#	68
41) 1,1,1-TRICHLOROETHANE	3.347	97	10820	1.52	UG/L	#	67
75) M/P-XYLENES	7.290	91	7226	0.43	UG/L		93

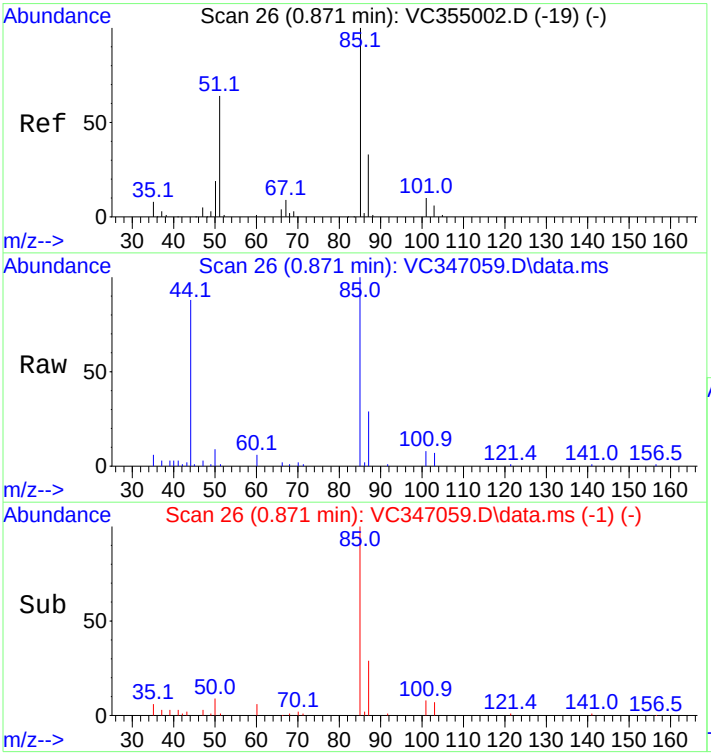
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347059.D
Acq On : 14 Dec 2011 7:32 pm
Sample : 11L0228-02
Misc :
Quant Time: Dec 15 07:11:06 2011

Vial: 58
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

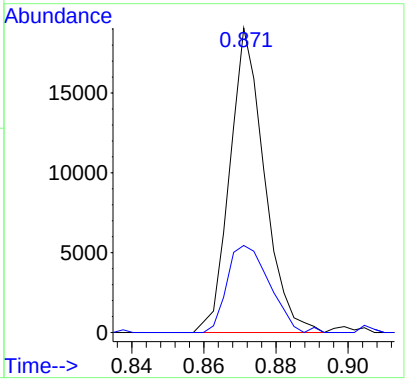


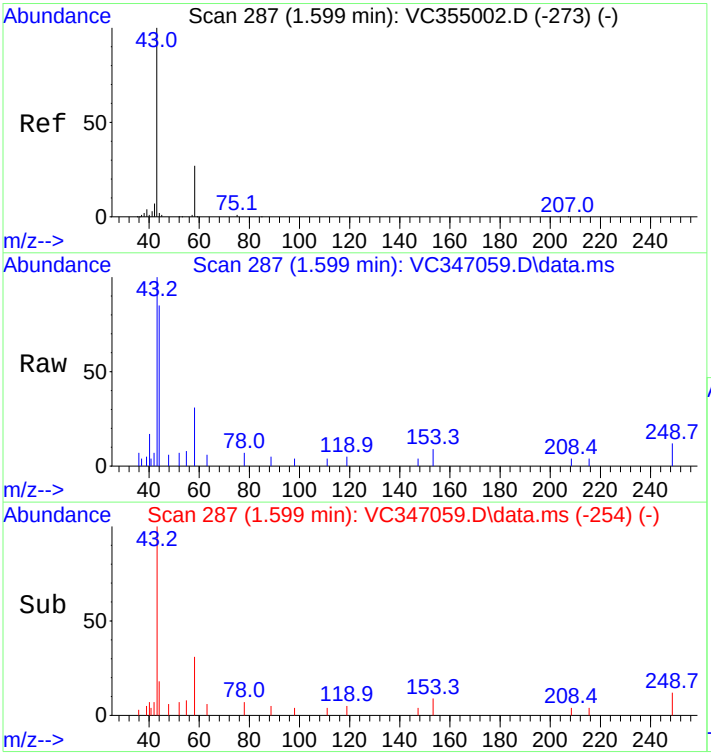


#3
DICHLORODIFLUOROMETHANE
Concen: 2.18 UG/L
RT: 0.871 min Scan# 26
Delta R.T. 0.001 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 85 Resp: 12690

Ion	Ratio	Lower	Upper
85	100		
87	35.2	26.0	39.0

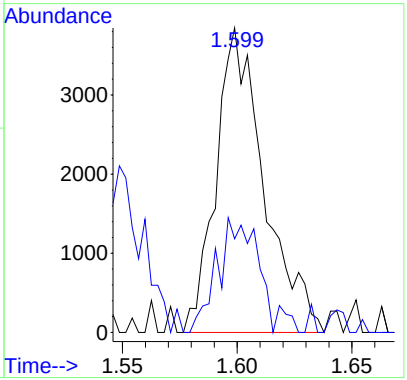


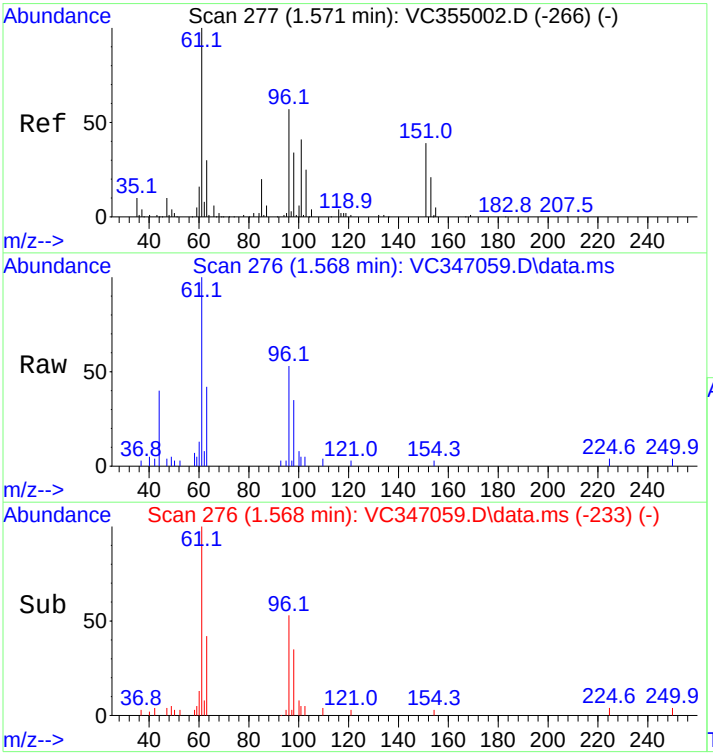


#14
ACETONE
Concen: 4.07 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 5609

Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.8	37.2

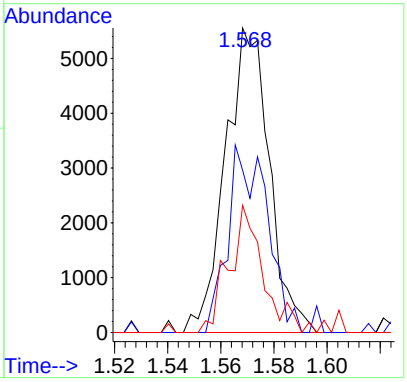


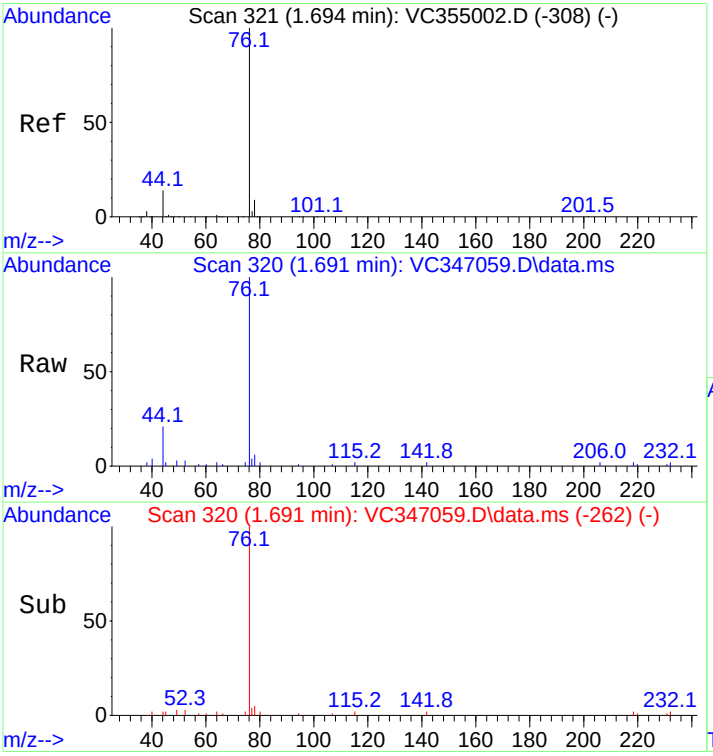


#15
1,1-DICHLOROETHENE
Concen: 1.55 UG/L
RT: 1.568 min Scan# 276
Delta R.T. 0.000 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 61 Resp: 6370

Ion	Ratio	Lower	Upper
61	100		
96	55.5	45.8	68.8
63	32.8	25.6	38.4

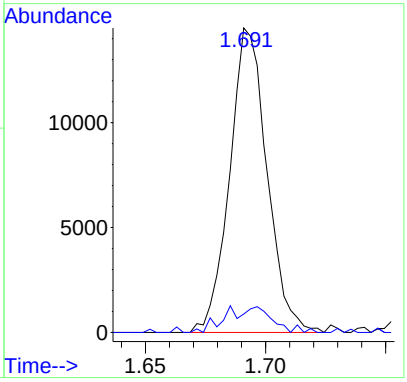


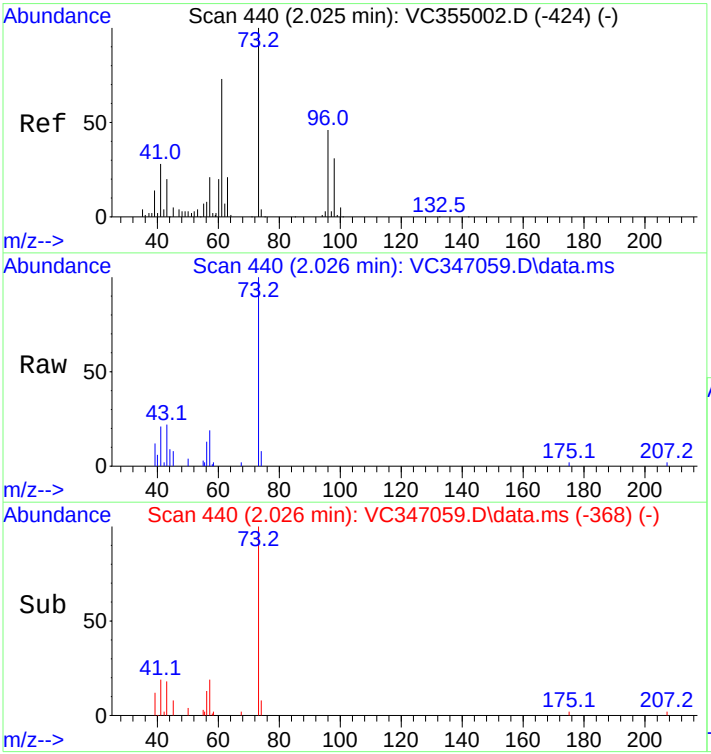


#24
CARBON DISULFIDE
Concen: 5.42 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 76 Resp: 15669

Ion	Ratio	Lower	Upper
76	100		
78	3.9	0.0	0.0#

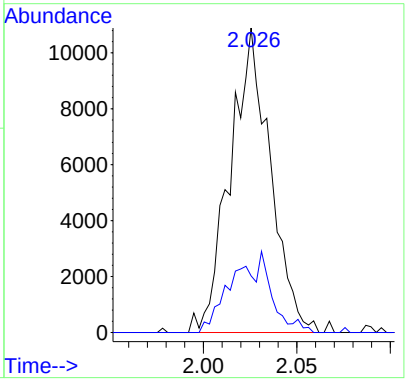


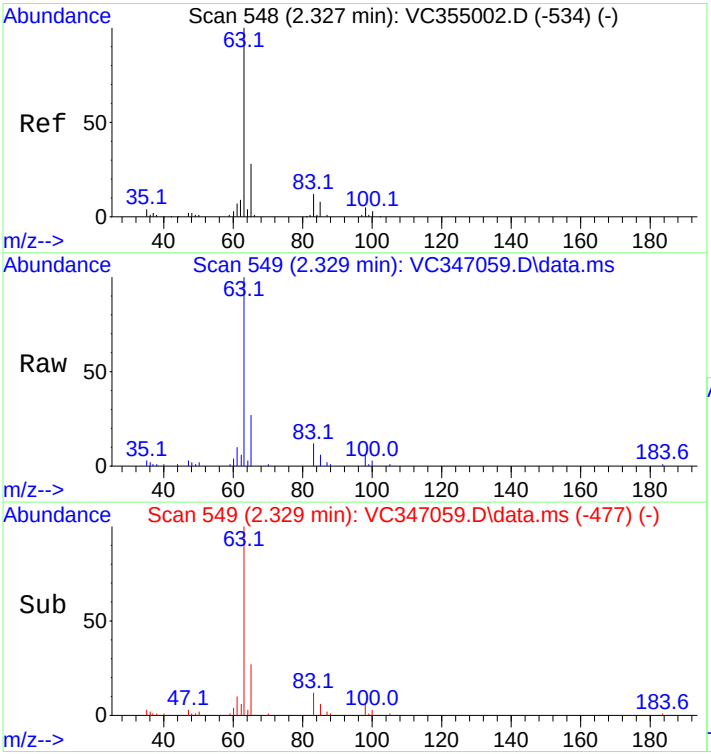


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.07 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 73 Resp: 16281

Ion	Ratio	Lower	Upper
73	100		
57	16.9	18.2	27.4#

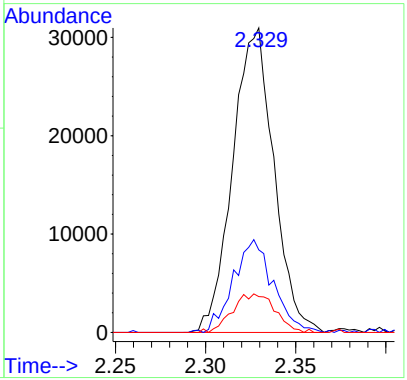


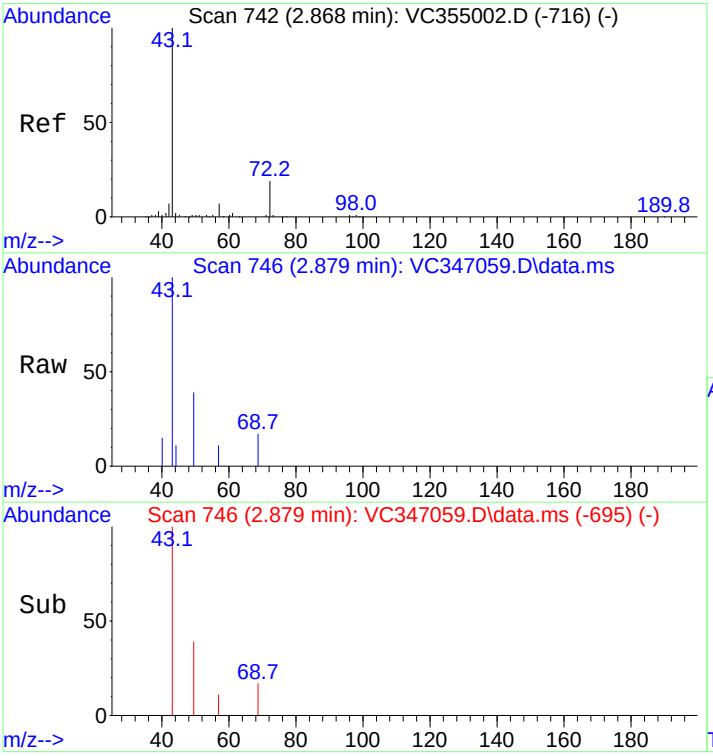


#27
1,1-DICHLOROETHANE
Concen: 5.16 UG/L
RT: 2.329 min Scan# 549
Delta R.T. 0.006 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 63 Resp: 49187

Ion	Ratio	Lower	Upper
63	100		
65	29.5	24.9	37.3
83	13.2	10.1	15.1

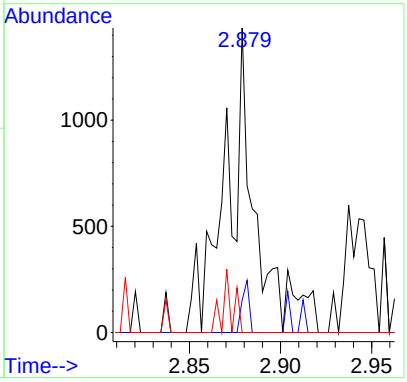


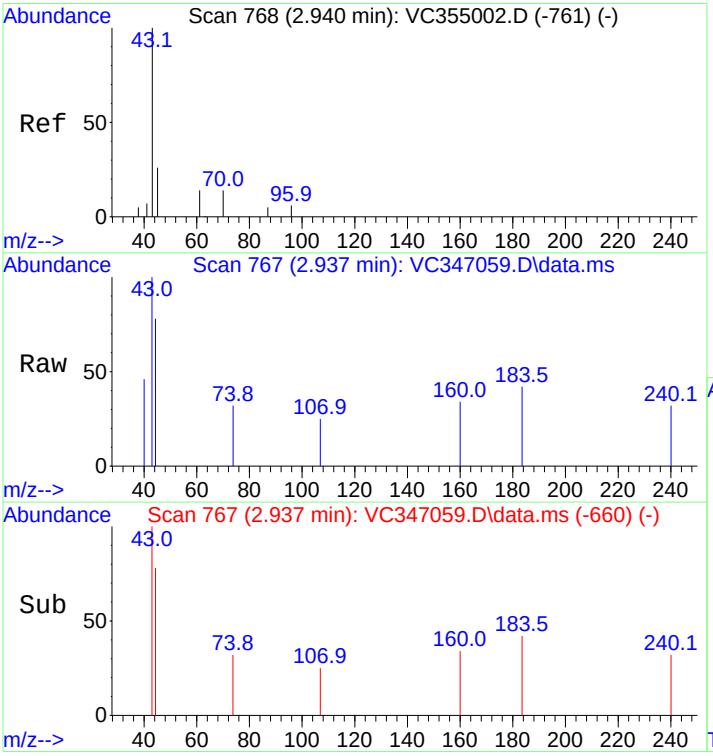


#31
2-BUTANONE
Concen: 0.93 UG/L m
RT: 2.879 min Scan# 746
Delta R.T. 0.008 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 1659

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

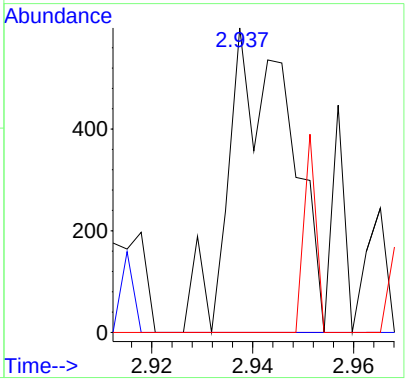


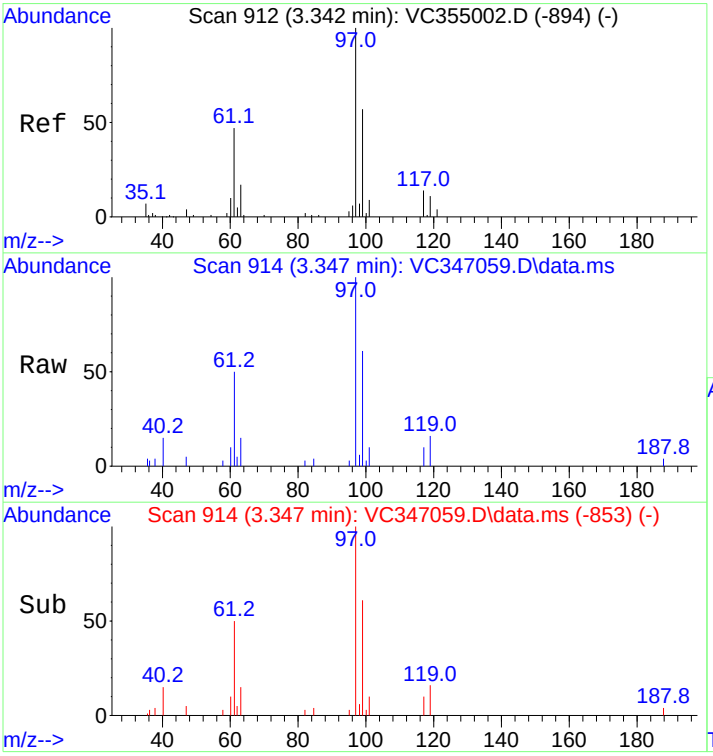


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.937 min Scan# 767
Delta R.T. -0.003 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 43 Resp: 511

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

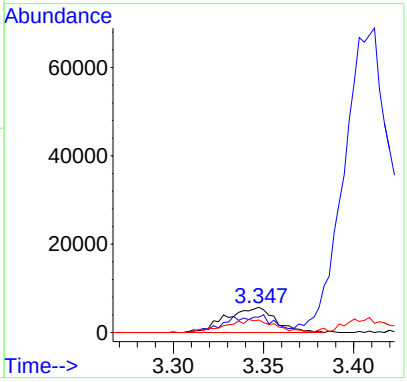


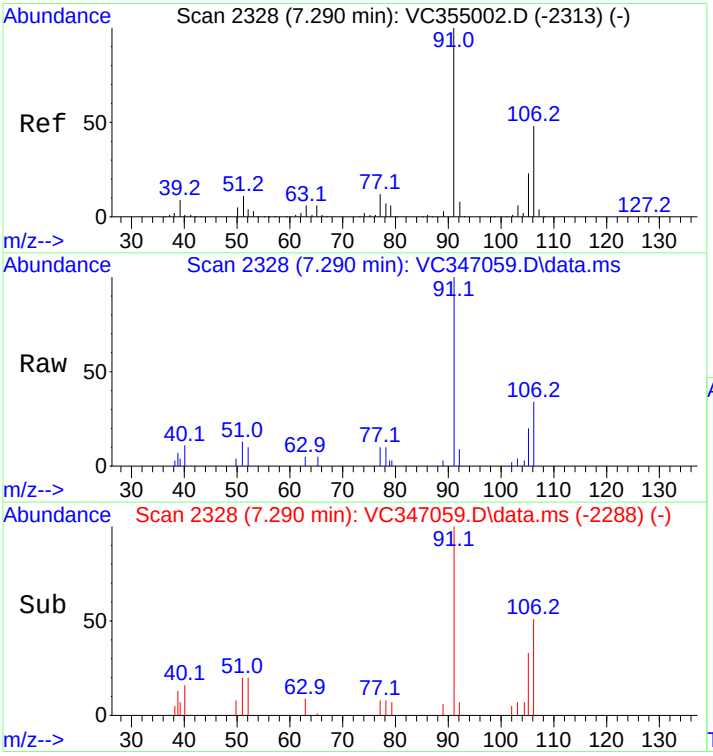


#41
1,1,1-TRICHLOROETHANE
Concen: 1.52 UG/L
RT: 3.347 min Scan# 914
Delta R.T. 0.008 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 97 Resp: 10820

Ion	Ratio	Lower	Upper
97	100		
99	25.4	50.9	76.3#
61	51.5	35.6	53.4

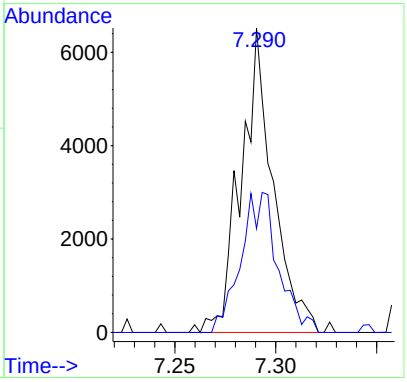




#75
M/P-XYLENES
Concen: 0.43 UG/L
RT: 7.290 min Scan# 2328
Delta R.T. 0.003 min
Lab File: VC347059.D
Acq: 14 Dec 2011 7:32 pm

Tgt Ion: 91 Resp: 7226

Ion	Ratio	Lower	Upper
91	100		
106	53.4	39.0	58.6



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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-03	File ID:	VC347095.D
Sampled:	12/05/11 11:40	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 13:41
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347095.D Vial: 13
Acq On : 15 Dec 2011 1:41 pm Operator:
Sample : 11L0228-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 14:15:17 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	278963	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	373885	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	178238	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	198762	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	136329	26.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.12%			
49) TOLUENE SS	5.606	98	357130	23.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	125020	23.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%			
Target Compounds						Qvalue
14) ACETONE	1.602	43	28382	18.90	UG/L	95
17) IODOMETHANE	1.657	142	1375	11.05	UG/L #	100
24) CARBON DISULFIDE	1.691	76	29198	6.05	UG/L #	100
31) 2-BUTANONE	2.870	43	11553	5.94	UG/L #	85
45) BENZENE	3.721	78	11877	0.60	UG/L #	75
65) 2-HEXANONE	6.376	43	3367	1.35	UG/L #	49

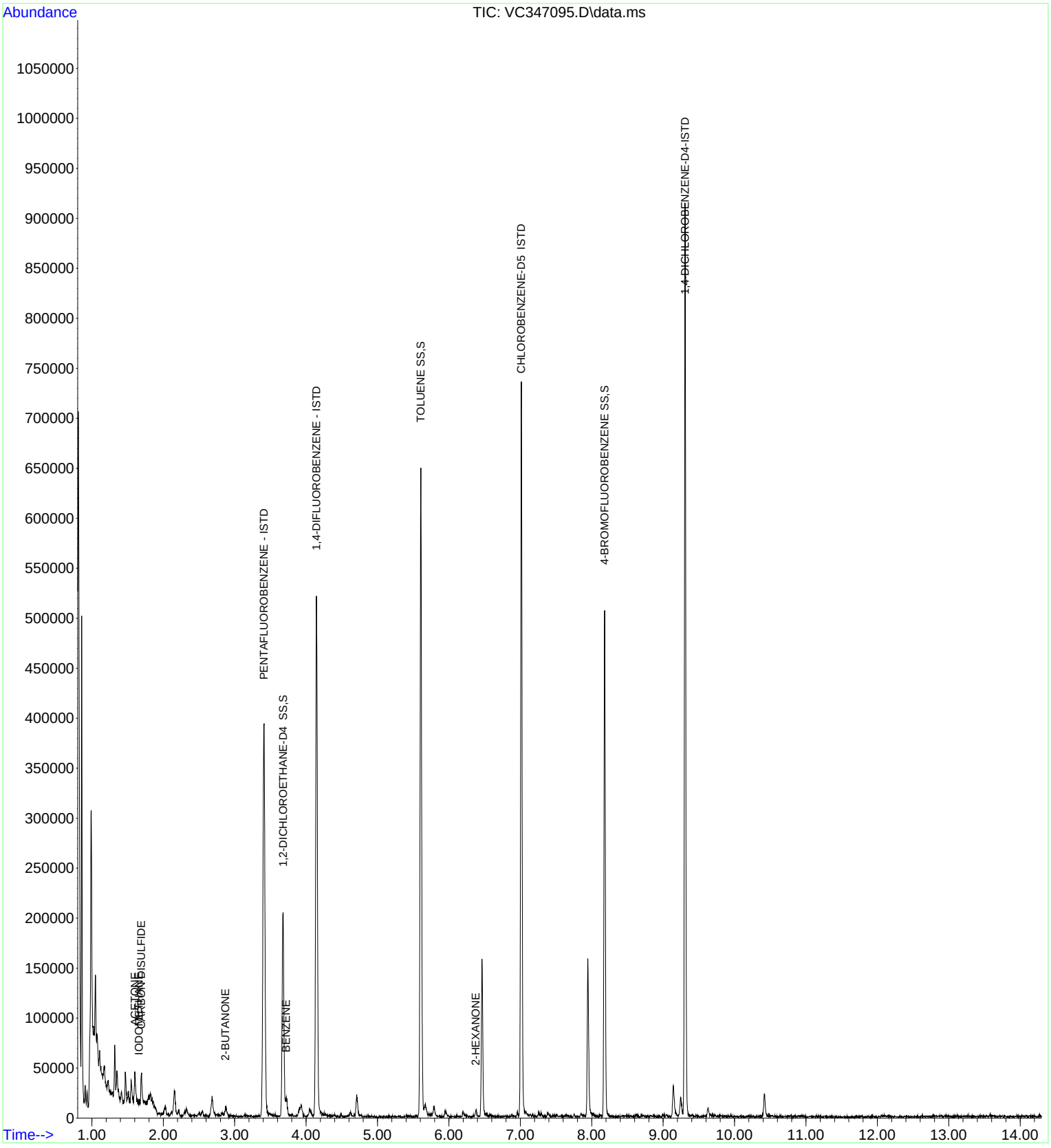
(#) = qualifier out of range (m) = manual integration (+) = signals summed

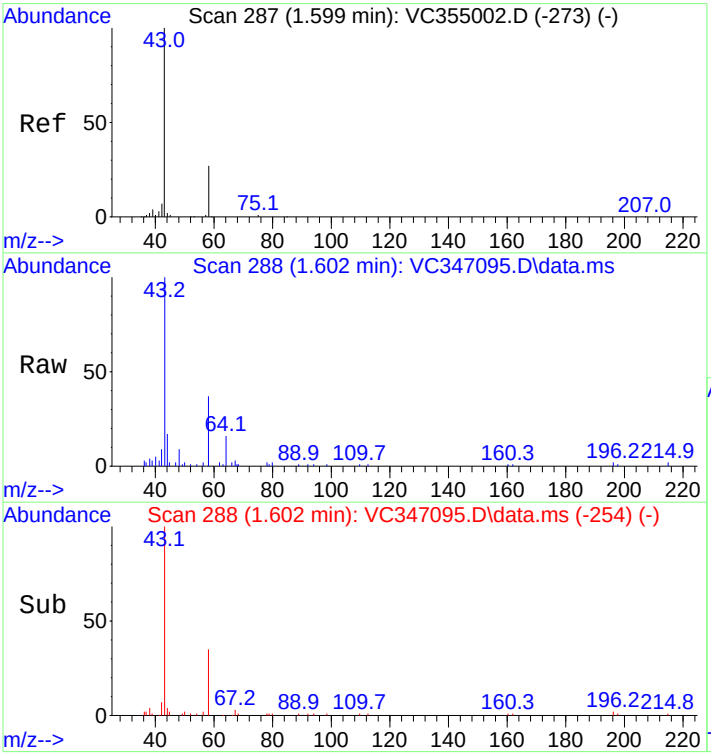
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347095.D
Acq On : 15 Dec 2011 1:41 pm
Sample : 11L0228-03
Misc :
Quant Time: Dec 15 14:15:17 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

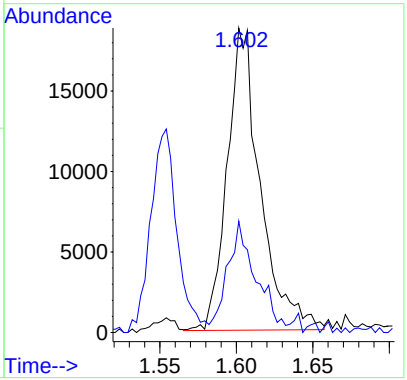


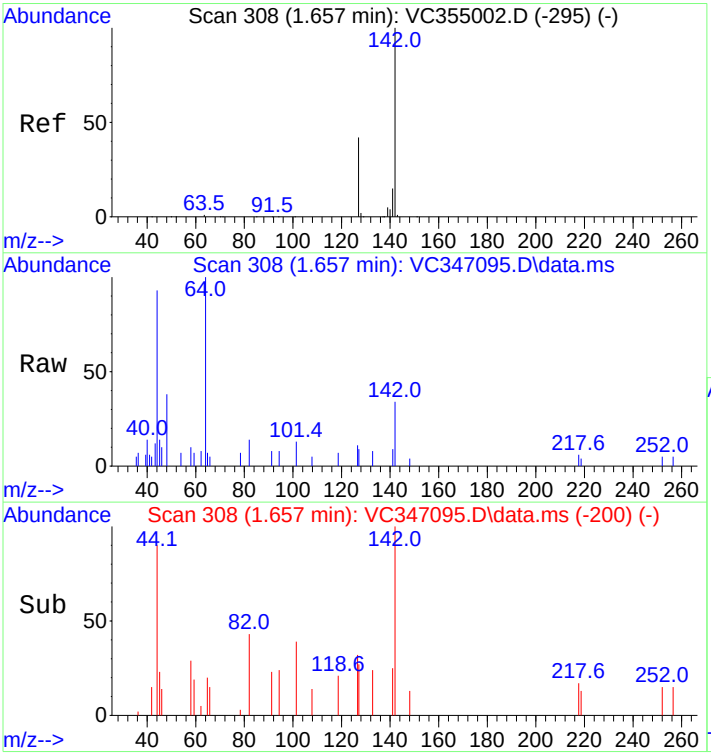


#14
ACETONE
Concen: 18.90 UG/L
RT: 1.602 min Scan# 288
Delta R.T. 0.001 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 28382

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.8	37.2

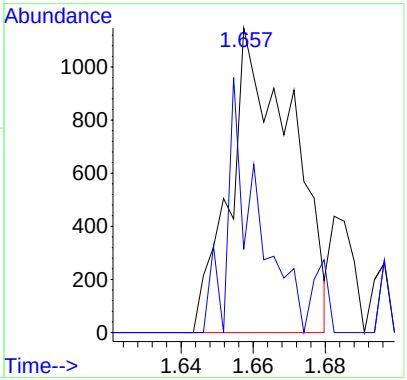


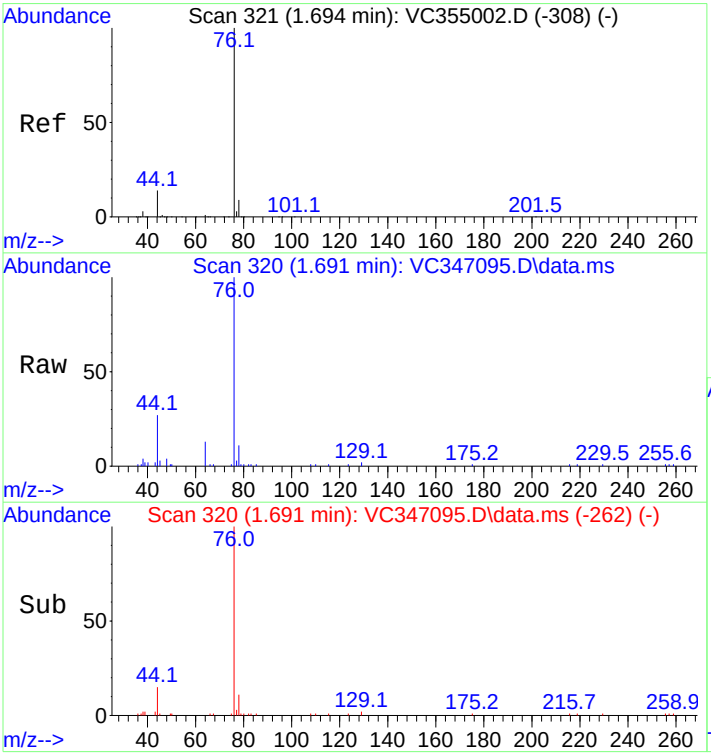


#17
IODOMETHANE
Concen: 11.05 UG/L
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion:142 Resp: 1375

Ion	Ratio	Lower	Upper
142	100		
127	39.4	0.0	0.0#

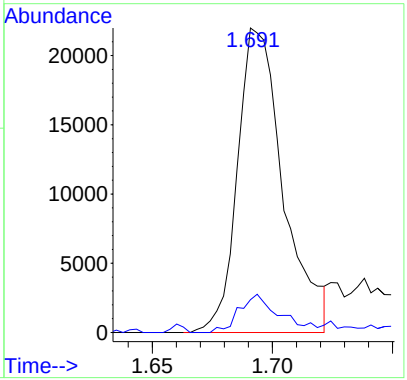


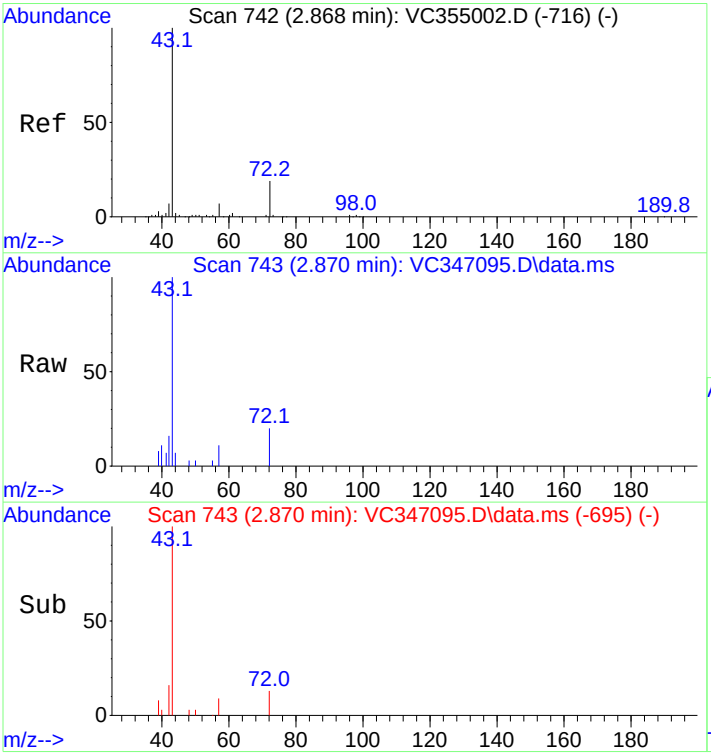


#24
CARBON DISULFIDE
Concen: 6.05 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 76 Resp: 29198

Ion	Ratio	Lower	Upper
76	100		
78	10.5	0.0	0.0#

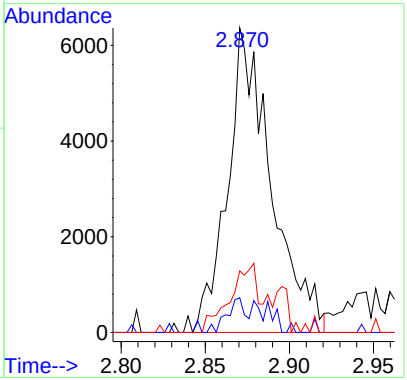


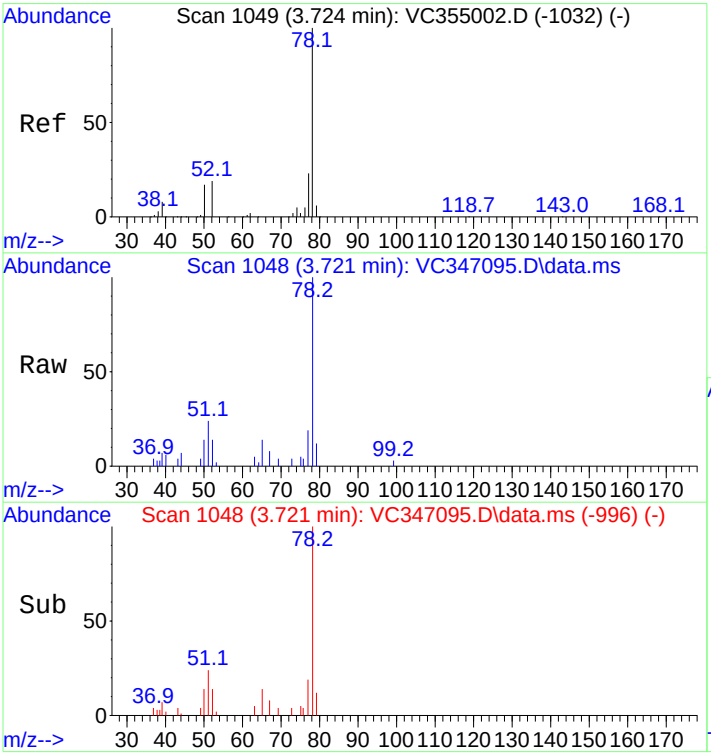


#31
2-BUTANONE
Concen: 5.94 UG/L
RT: 2.870 min Scan# 743
Delta R.T. 0.000 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 11553

Ion	Ratio	Lower	Upper
43	100		
57	4.8	6.2	9.4#
72	14.5	18.5	27.7#

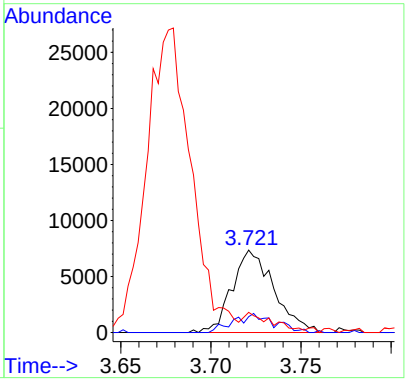


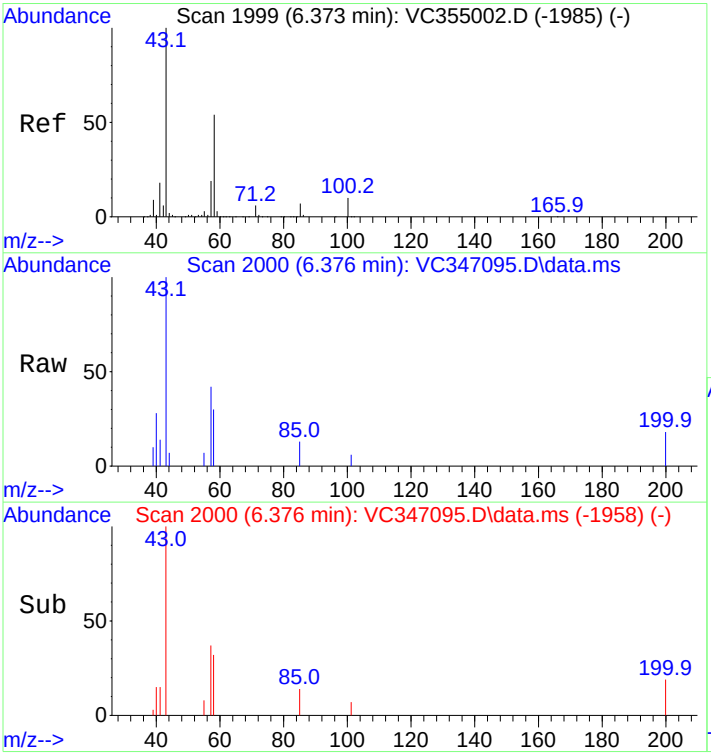


#45
BENZENE
Concen: 0.60 UG/L
RT: 3.721 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 78 Resp: 11877

Ion	Ratio	Lower	Upper
78	100		
77	7.5	18.4	27.6#
51	13.8	17.4	26.2#

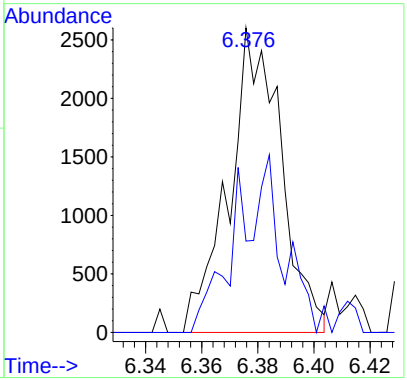




#65
2-HEXANONE
Concen: 1.35 UG/L
RT: 6.376 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VC347095.D
Acq: 15 Dec 2011 1:41 pm

Tgt Ion: 43 Resp: 3367

Ion	Ratio	Lower	Upper
43	100		
58	20.5	47.0	70.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	2.1	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.3	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	3.8	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-04	File ID:	VC347060.D
Sampled:	12/06/11 08:40	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:02
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347060.D Vial: 59
Acq On : 14 Dec 2011 8:02 pm Operator:
Sample : 11L0228-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:12:59 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

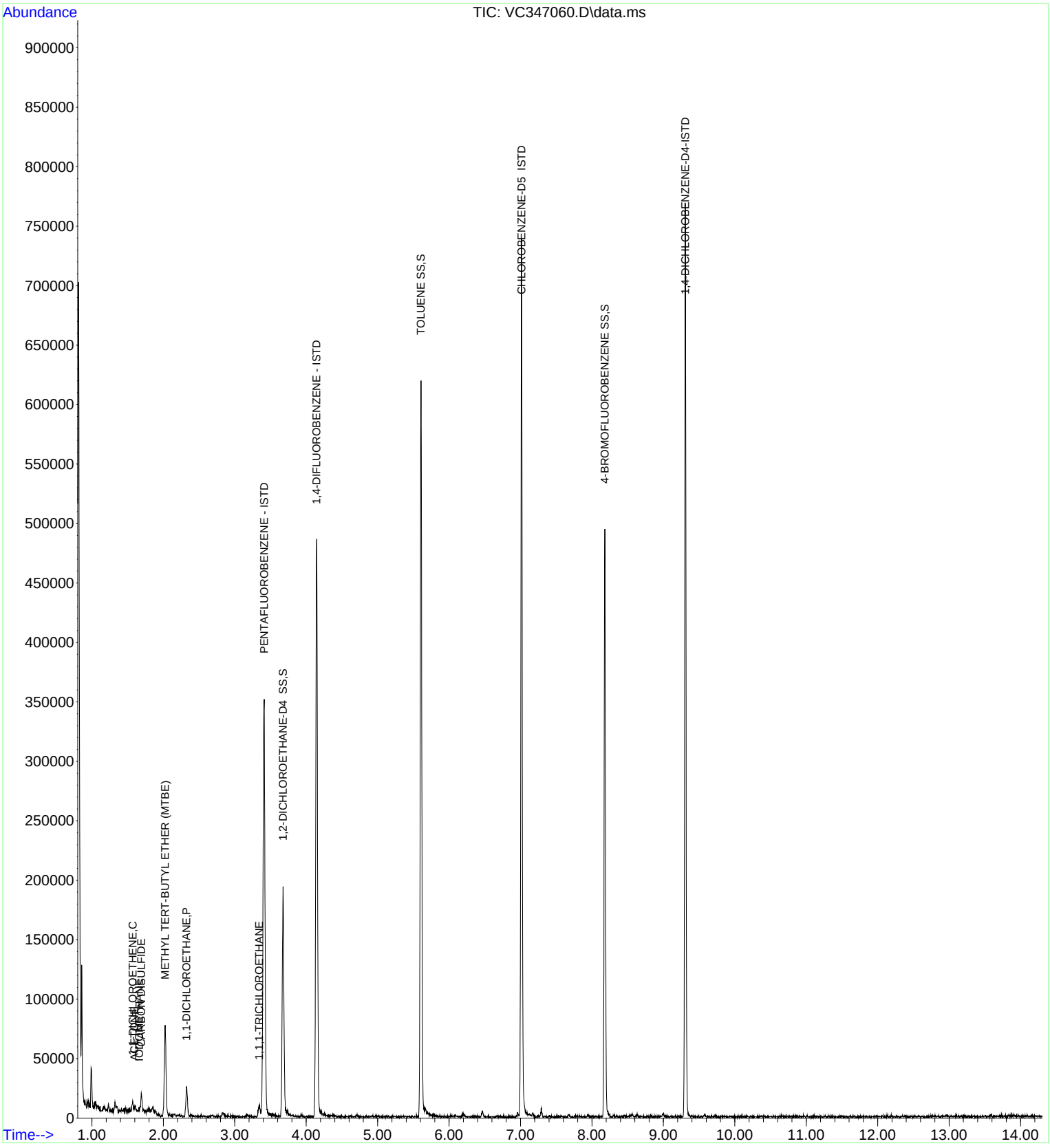
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.412	168	243145	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	349797	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	177344	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	161359	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	121044	26.52	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.08%				
49) TOLUENE SS	5.606	98	344821	24.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	126133	24.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.44%				
Target Compounds							Qvalue
14) ACETONE	1.596	43	3183m	2.43	UG/L		
15) 1,1-DICHLOROETHENE	1.571	61	3022	1.28	UG/L		93
17) IODOMETHANE	1.660	142	1538m	11.08	UG/L		
24) CARBON DISULFIDE	1.691	76	10941	5.19	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	54894	3.79	UG/L		99
27) 1,1-DICHLOROETHANE	2.324	63	18797	2.08	UG/L		92
41) 1,1,1-TRICHLOROETHANE	3.342	97	5724	0.85	UG/L	#	54

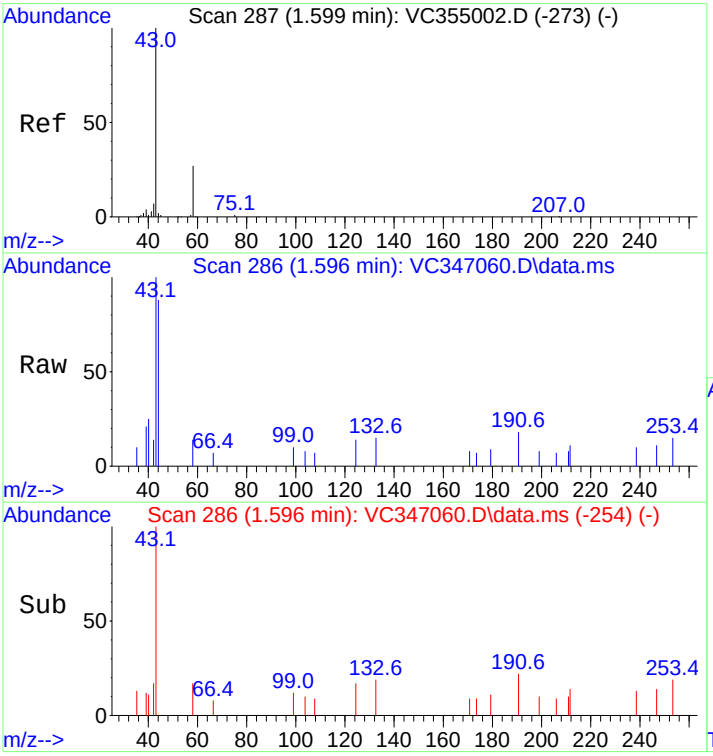
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347060.D
Acq On : 14 Dec 2011 8:02 pm
Sample : 11L0228-04
Misc :
Quant Time: Dec 15 07:12:59 2011

Vial: 59
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

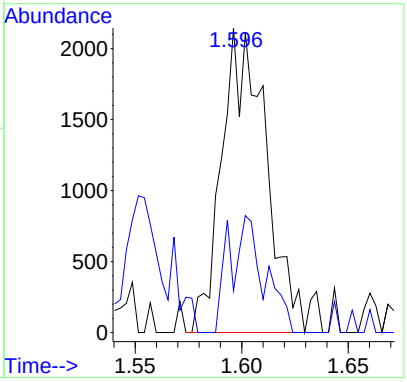


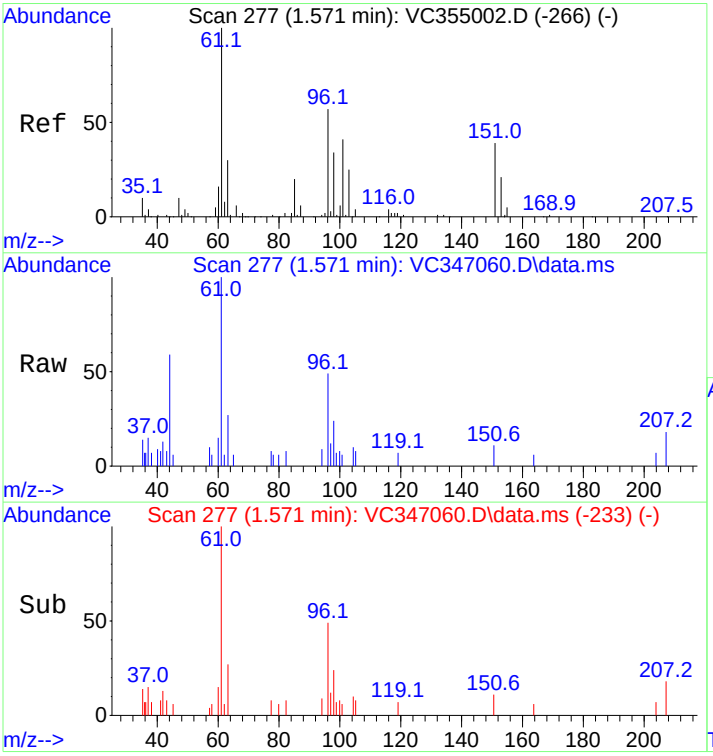


#14
ACETONE
Concen: 2.43 UG/L m
RT: 1.596 min Scan# 286
Delta R.T. -0.005 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 43 Resp: 3183

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2

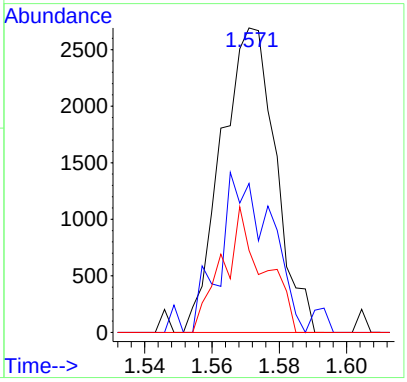


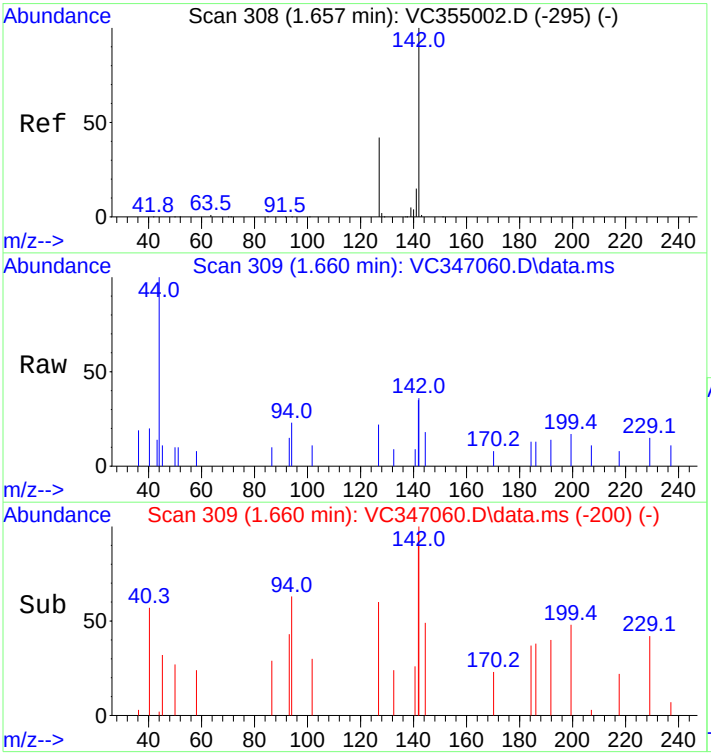


#15
1,1-DICHLOROETHENE
Concen: 1.28 UG/L
RT: 1.571 min Scan# 277
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 61 Resp: 3022

Ion	Ratio	Lower	Upper
61	100		
96	50.1	45.8	68.8
63	31.3	25.6	38.4

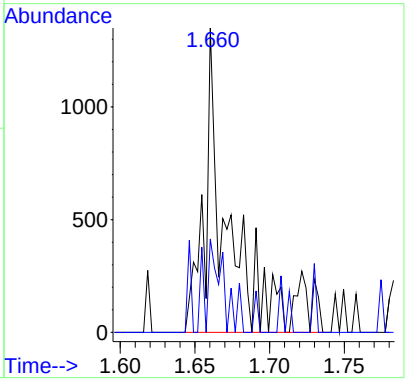


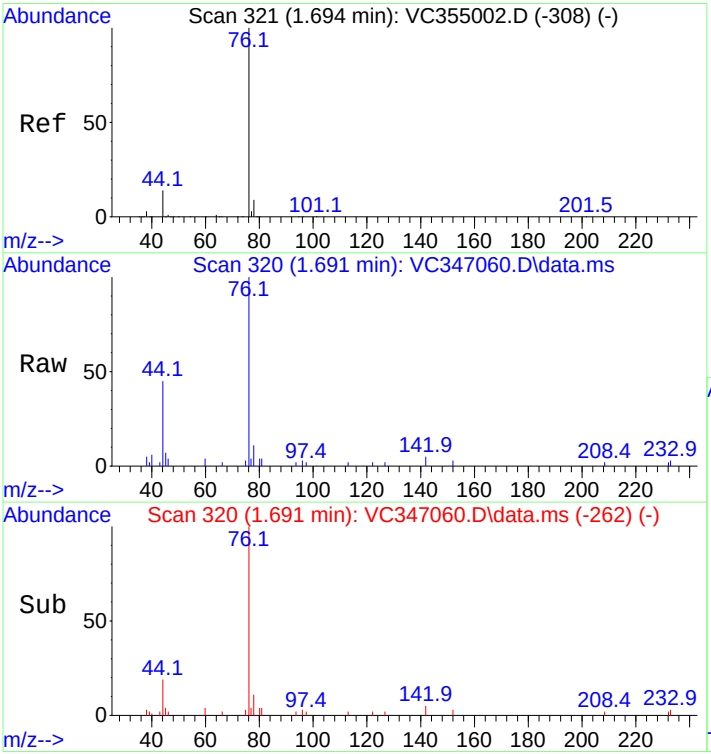


#17
IODOMETHANE
Concen: 11.08 UG/L m
RT: 1.660 min Scan# 309
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion:142 Resp: 1538

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

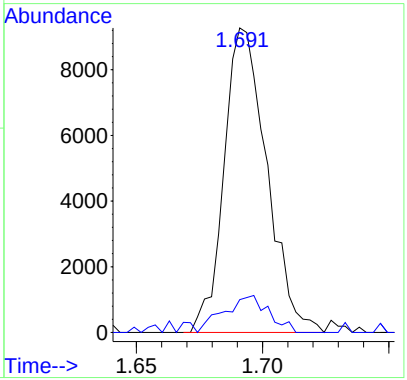


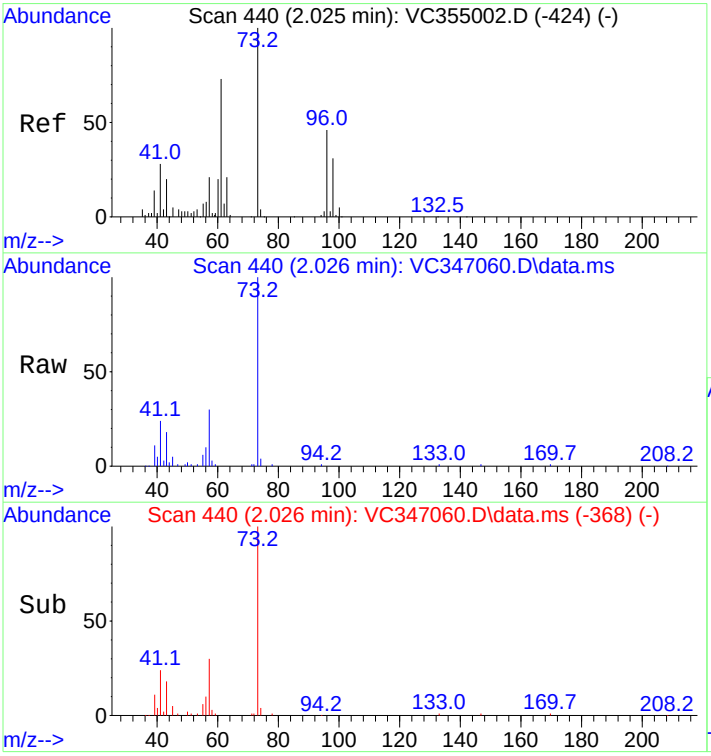


#24
CARBON DISULFIDE
Concen: 5.19 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 76 Resp: 10941

Ion	Ratio	Lower	Upper
76	100		
78	12.5	0.0	0.0#

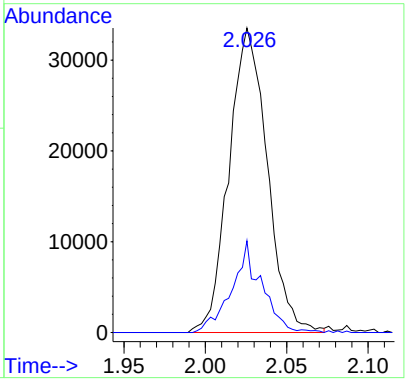


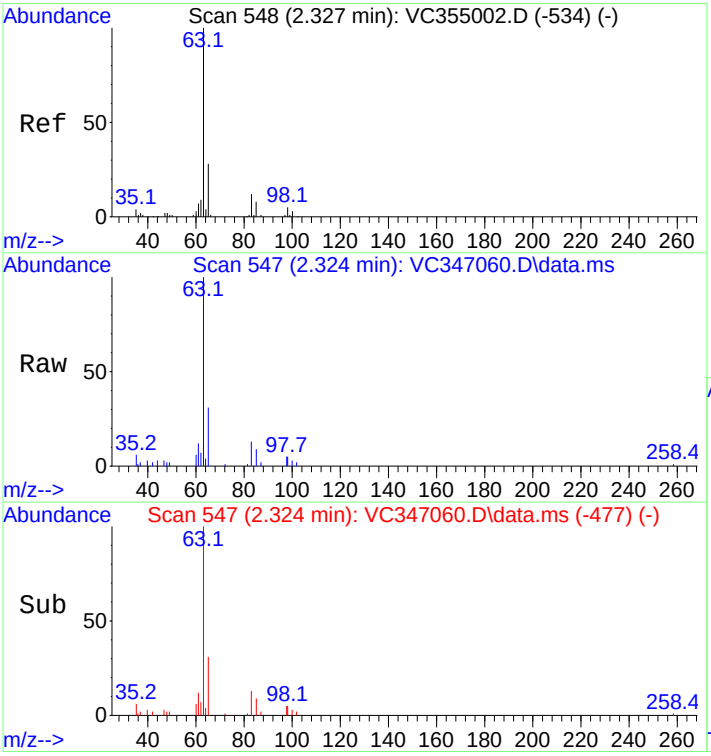


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 3.79 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 73 Resp: 54894

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.4

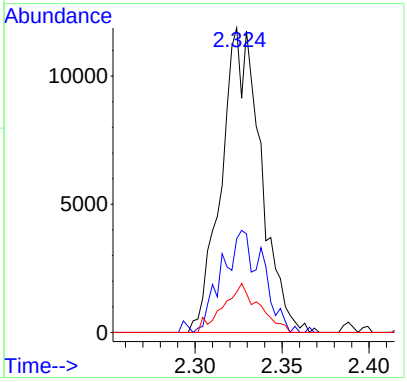


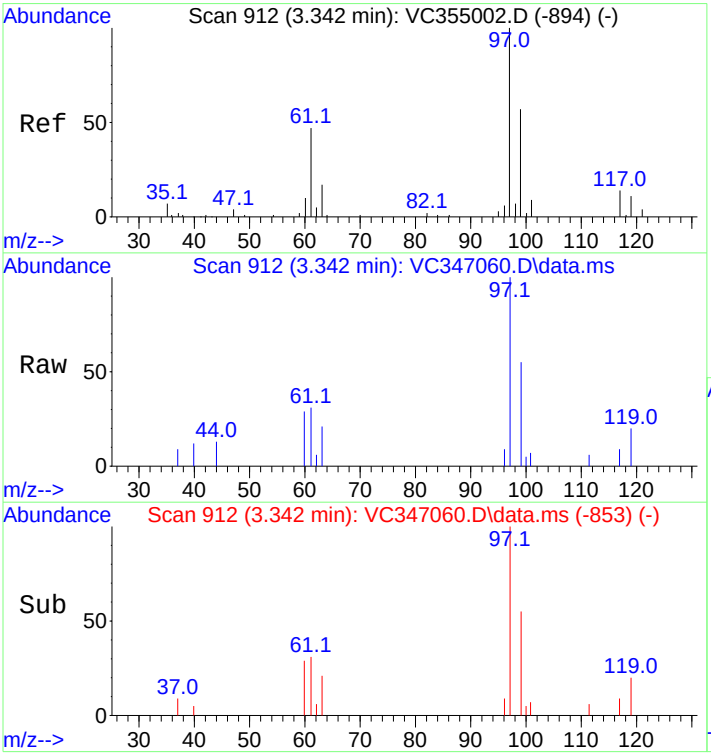


#27
1,1-DICHLOROETHANE
Concen: 2.08 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 63 Resp: 18797

Ion	Ratio	Lower	Upper
63	100		
65	25.9	24.9	37.3
83	14.6	10.1	15.1

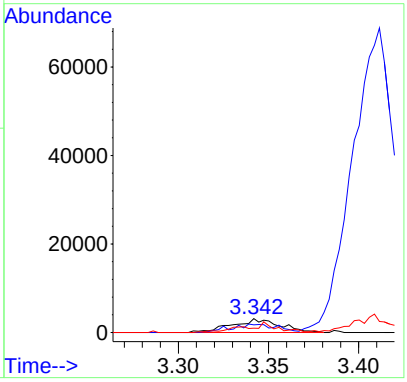




#41
1,1,1-TRICHLOROETHANE
Concen: 0.85 UG/L
RT: 3.342 min Scan# 912
Delta R.T. 0.003 min
Lab File: VC347060.D
Acq: 14 Dec 2011 8:02 pm

Tgt Ion: 97 Resp: 5724

Ion	Ratio	Lower	Upper
97	100		
99	22.9	50.9	76.3#
61	21.0	35.6	53.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-05	File ID:	VC347061.D
Sampled:	12/06/11 10:45	Prepared:	12/14/11 11:41	Analyzed:	12/14/11 20:32
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347061.D Vial: 60
Acq On : 14 Dec 2011 8:32 pm Operator:
Sample : 11L0228-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:14:33 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	286494	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	343913	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	174458	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	175263	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	127286	23.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.68%				
49) TOLUENE SS	5.606	98	341040	24.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	130384	25.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.36%				
Target Compounds							Qvalue
14) ACETONE	1.599	43	23236	15.07	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	13578	1.23	UG/L		99
24) CARBON DISULFIDE	1.691	76	8174	4.95	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16874	0.99	UG/L		98
27) 1,1-DICHLOROETHANE	2.329	63	4755	0.45	UG/L	#	79
31) 2-BUTANONE	2.873	43	7421m	3.71	UG/L		
35) ETHYL ACETATE	2.946	43	1088	Below Cal		#	68

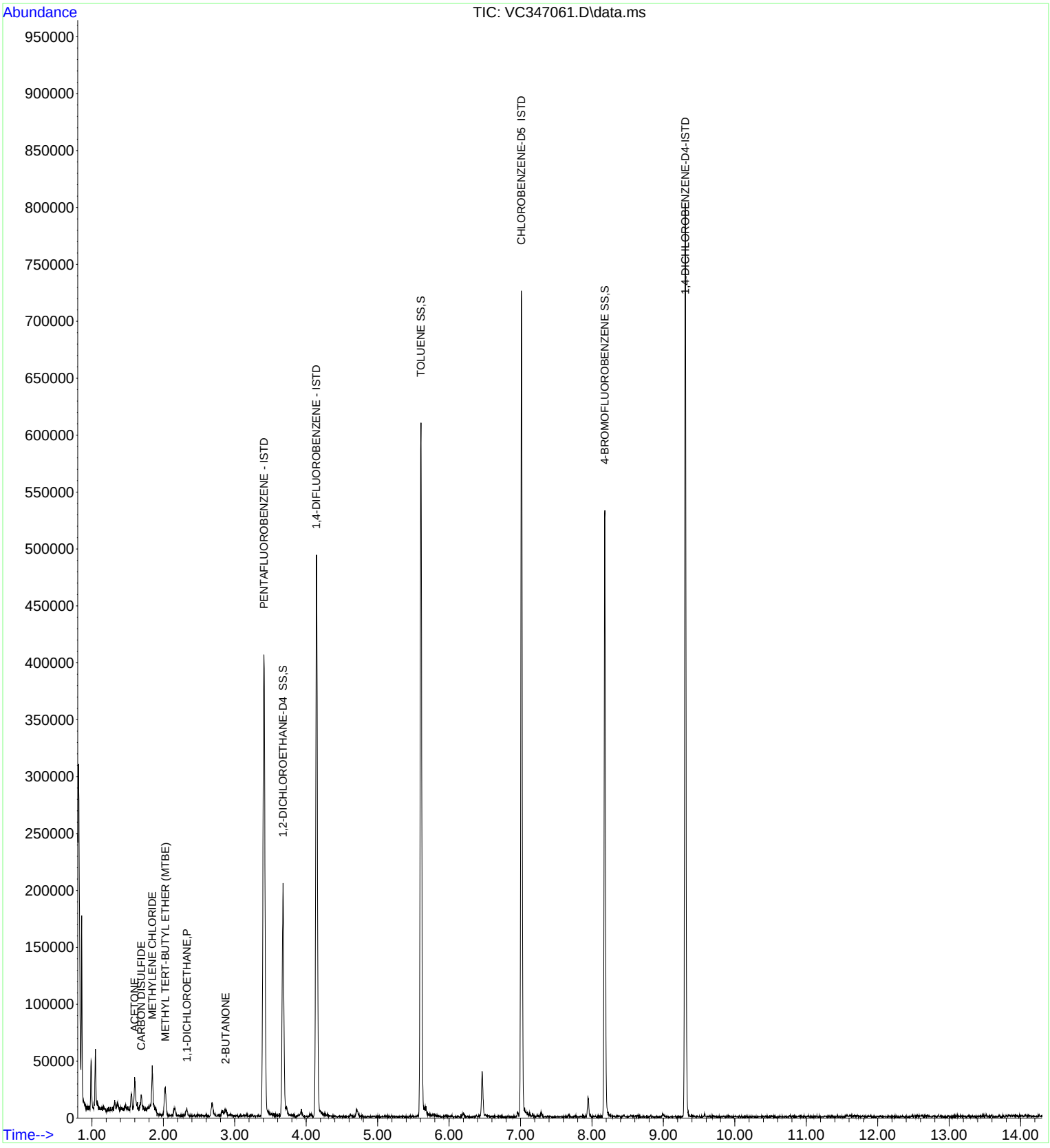
(#) = qualifier out of range (m) = manual integration (+) = signals summed

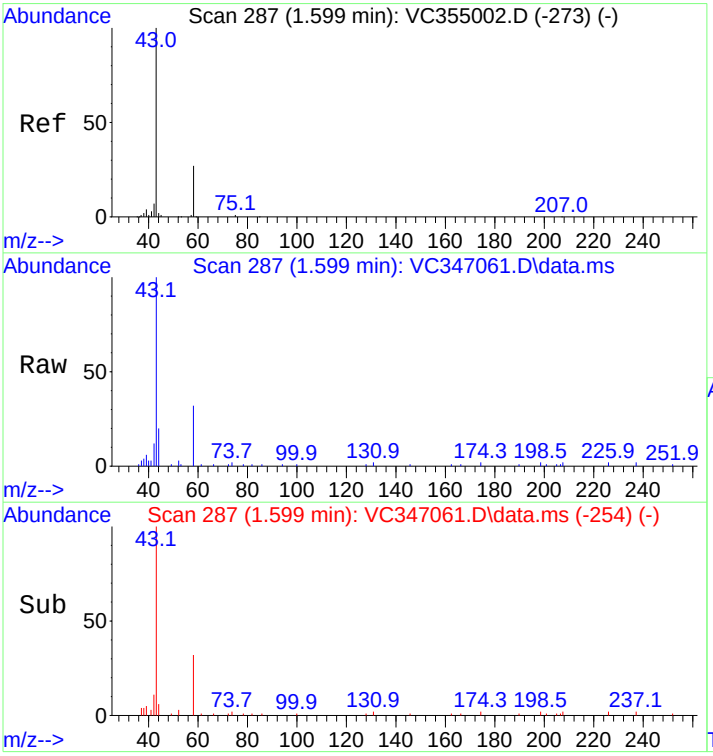
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347061.D
Acq On : 14 Dec 2011 8:32 pm
Sample : 11L0228-05
Misc :
Quant Time: Dec 15 07:14:33 2011

Vial: 60
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

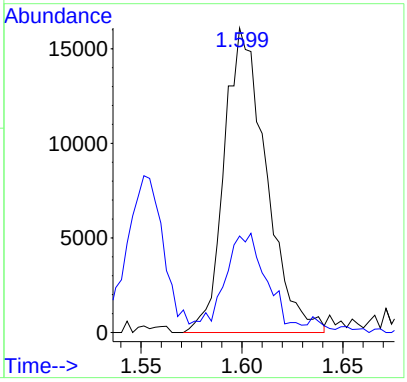


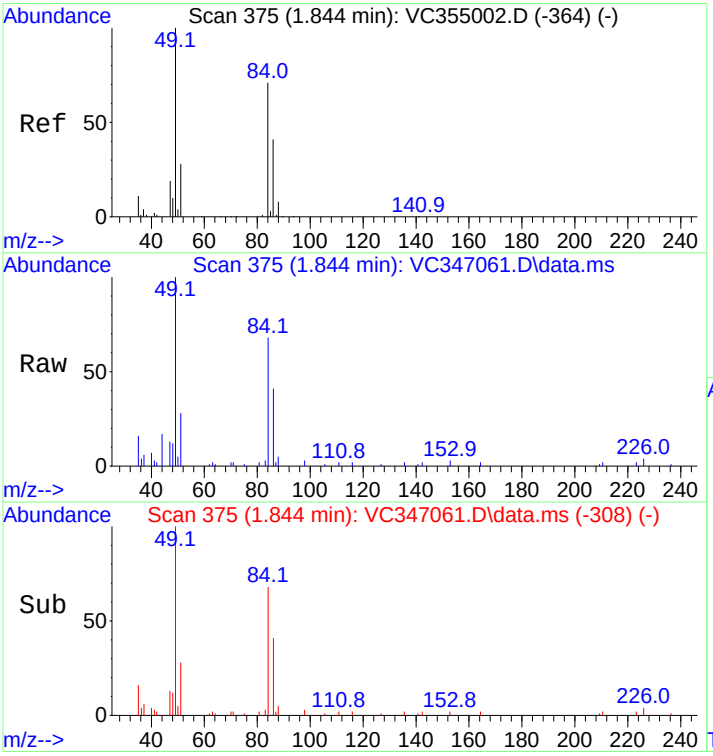


#14
ACETONE
Concen: 15.07 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 23236

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.8	37.2

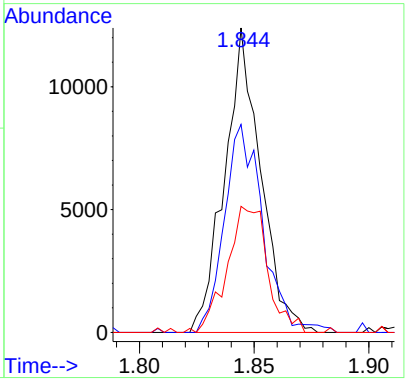


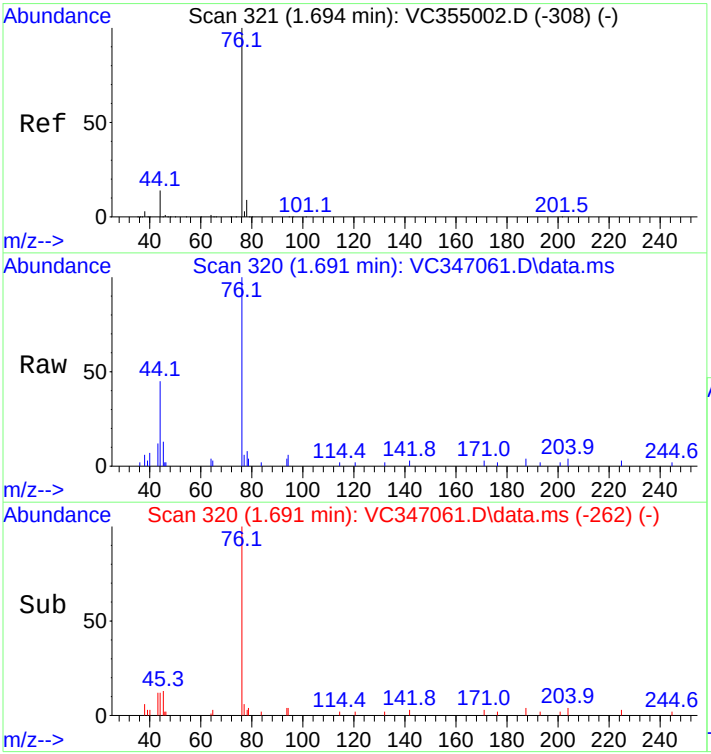


#23
METHYLENE CHLORIDE
Concen: 1.23 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 49 Resp: 13578

Ion	Ratio	Lower	Upper
49	100		
84	72.9	57.8	86.8
86	46.3	37.5	56.3

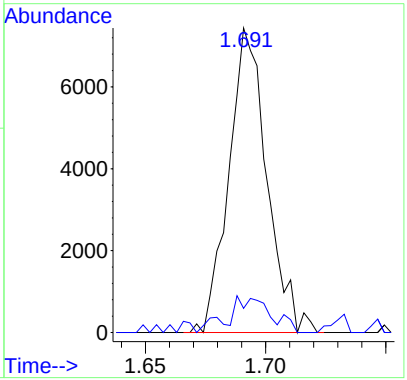


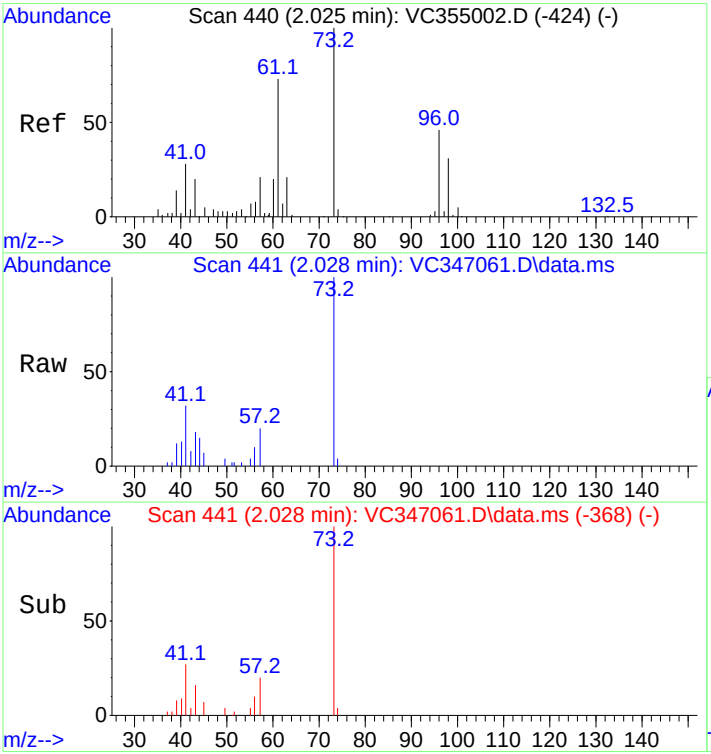


#24
CARBON DISULFIDE
Concen: 4.95 UG/L
RT: 1.691 min Scan# 320
Delta R.T. -0.002 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 76 Resp: 8174

Ion	Ratio	Lower	Upper
76	100		
78	6.5	0.0	0.0#

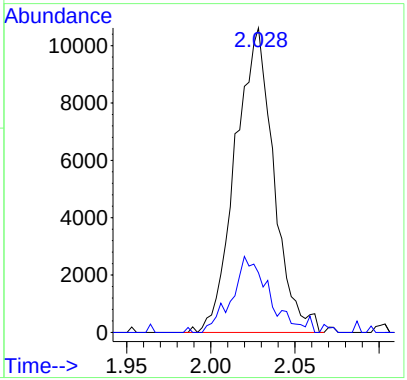


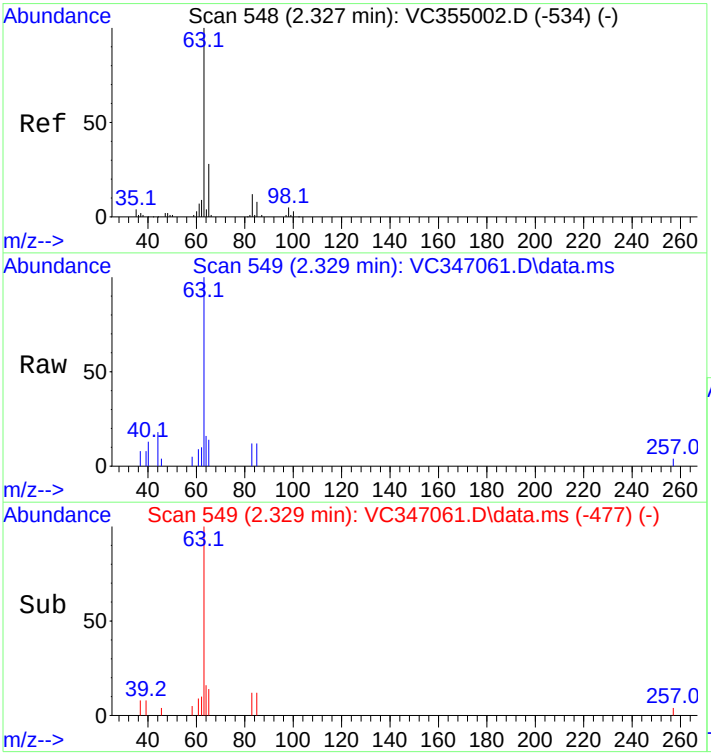


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.99 UG/L
RT: 2.028 min Scan# 441
Delta R.T. 0.003 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 73 Resp: 16874

Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.2	27.4

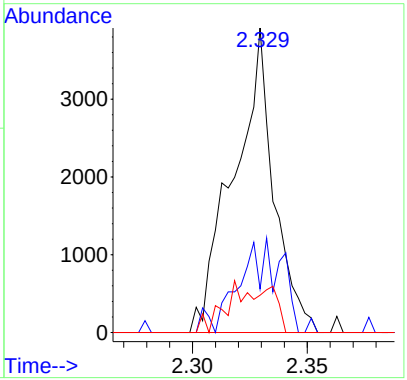


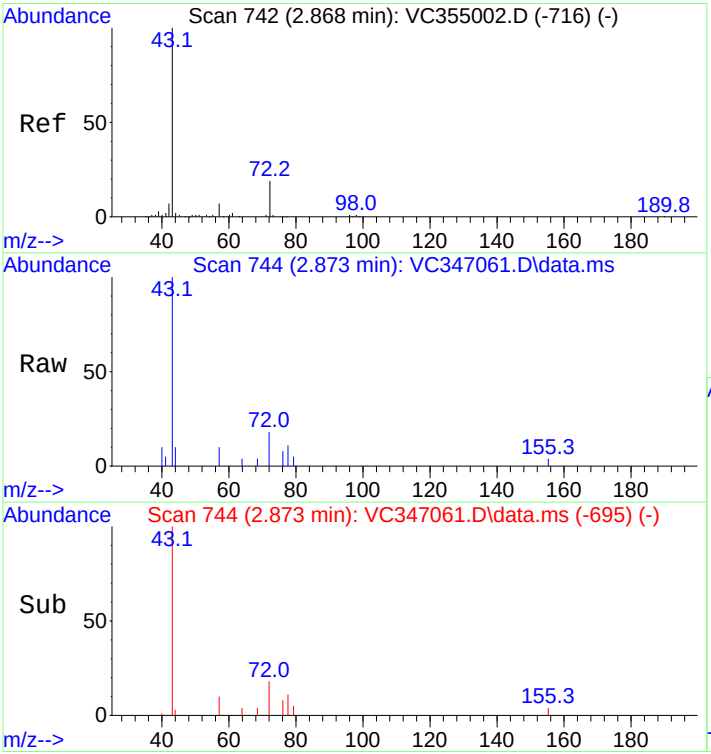


#27
1,1-DICHLOROETHANE
Concen: 0.45 UG/L
RT: 2.329 min Scan# 549
Delta R.T. 0.006 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 63 Resp: 4755

Ion	Ratio	Lower	Upper
63	100		
65	16.2	24.9	37.3#
83	10.9	10.1	15.1

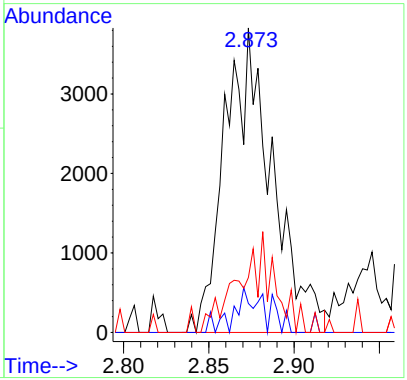


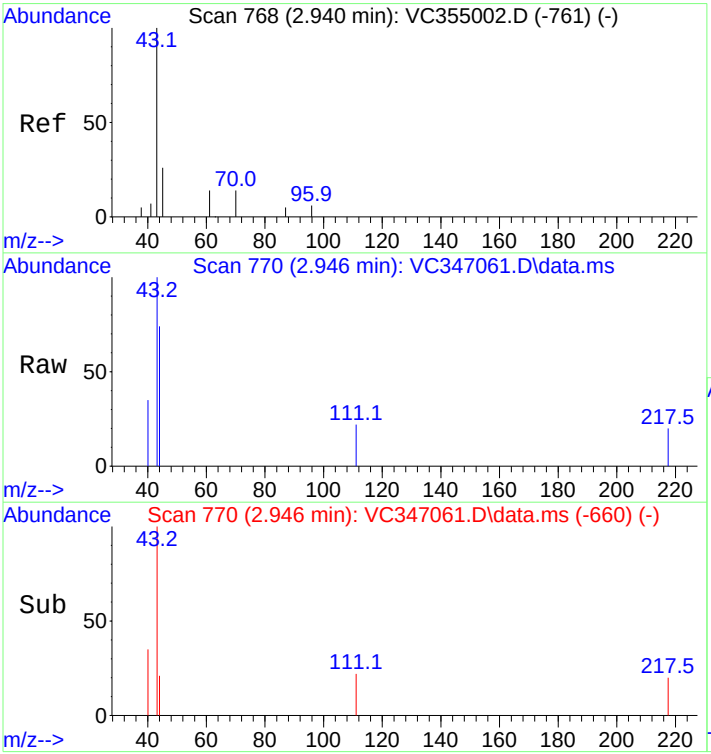


#31
2-BUTANONE
Concen: 3.71 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 7421

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

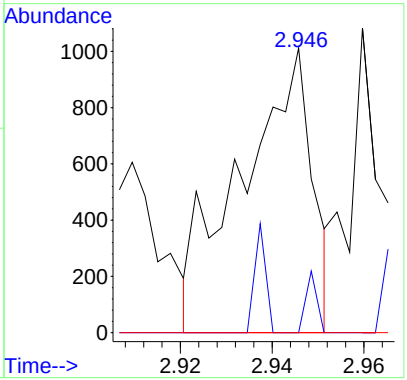




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.946 min Scan# 770
Delta R.T. 0.006 min
Lab File: VC347061.D
Acq: 14 Dec 2011 8:32 pm

Tgt Ion: 43 Resp: 1088

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	1.6	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene	1.2	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	2.0	0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW23-200

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Waste Water	Laboratory ID:	11L0228-06	File ID:	VC347096.D
Sampled:	12/06/11 13:20	Prepared:	12/15/11 08:36	Analyzed:	12/15/11 14:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347096.D Vial: 14
Acq On : 15 Dec 2011 2:12 pm Operator:
Sample : 11L0228-06 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 14:38:48 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	280587	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	377813	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	181392	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	168255	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	133366	25.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.28%				
49) TOLUENE SS	5.609	98	377136	24.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.40%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	135164	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
Target Compounds							Qvalue
13) ACROLEIN	1.518	56	1150	16.45	UG/L		94
14) ACETONE	1.599	43	14235	9.43	UG/L		98
15) 1,1-DICHLOROETHENE	1.565	61	2087m	1.17	UG/L		
17) IODOMETHANE	1.666	142	1437	11.06	UG/L	#	100
24) CARBON DISULFIDE	1.694	76	25915	5.87	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	33052	1.98	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	16583	1.59	UG/L		94
31) 2-BUTANONE	2.876	43	4639m	2.37	UG/L		
35) ETHYL ACETATE	2.943	43	720	Below Cal		#	68

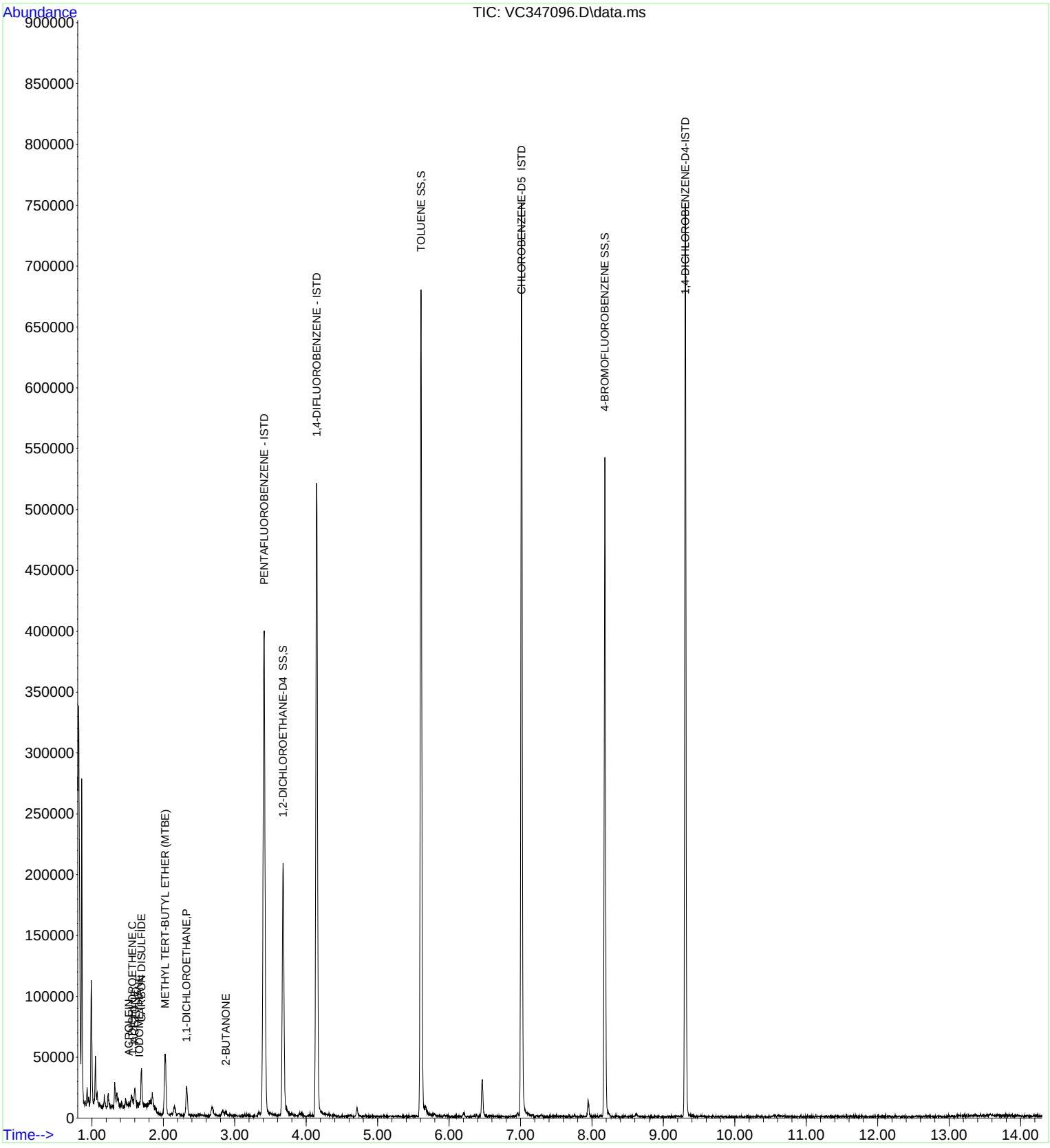
(#) = qualifier out of range (m) = manual integration (+) = signals summed

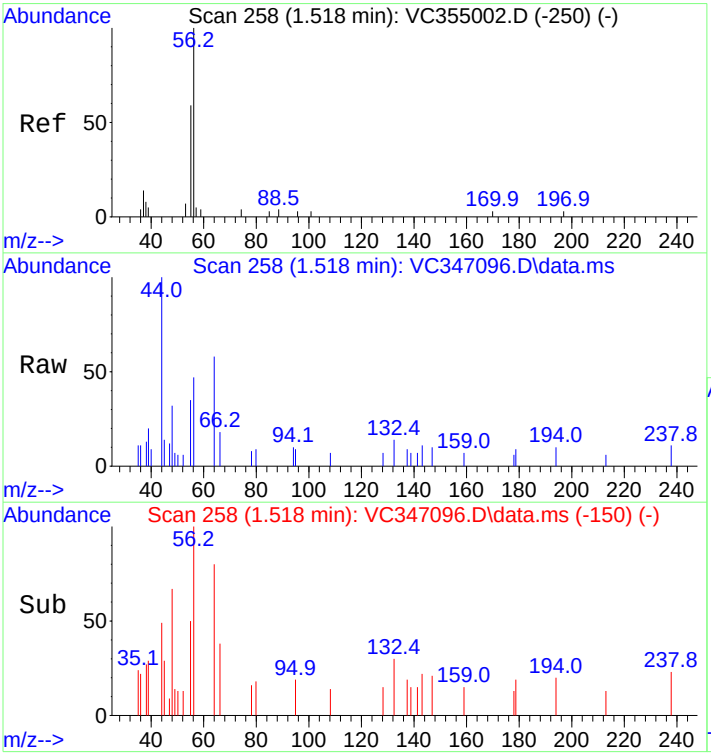
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347096.D
Acq On : 15 Dec 2011 2:12 pm
Sample : 11L0228-06
Misc :
Quant Time: Dec 15 14:38:48 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

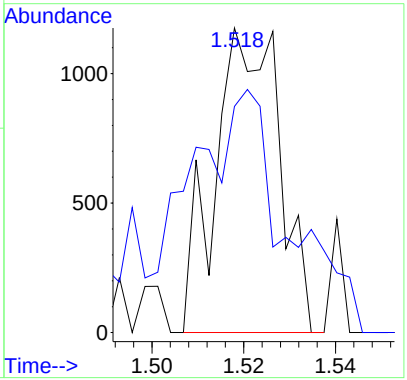


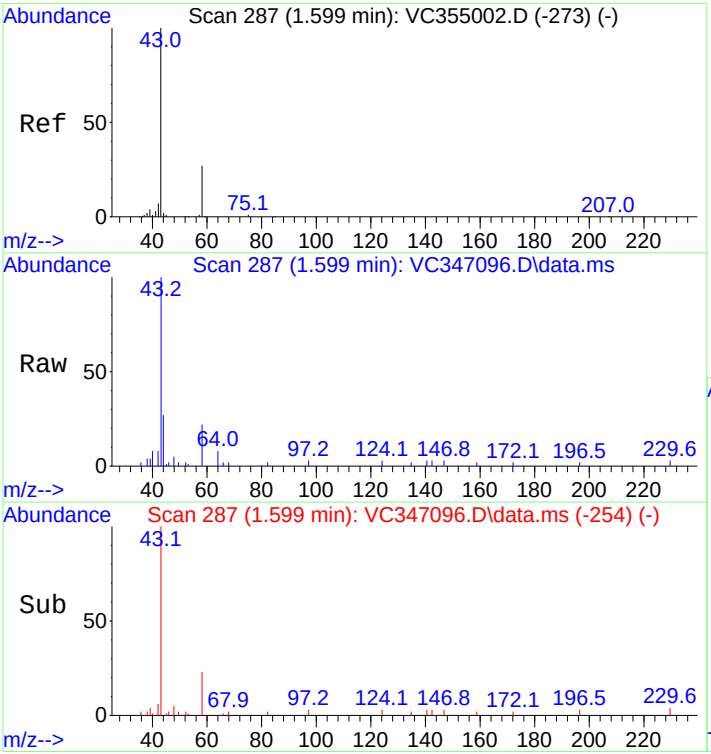


#13
ACROLEIN
Concen: 16.45 UG/L
RT: 1.518 min Scan# 258
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 56 Resp: 1150

Ion	Ratio	Lower	Upper
56	100		
55	67.9	58.2	87.4

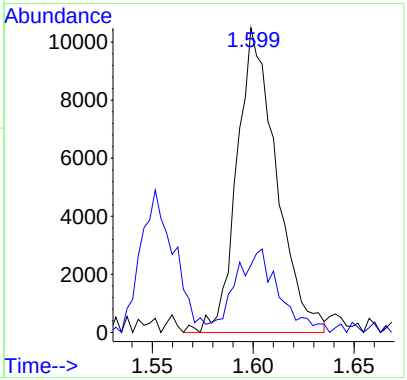


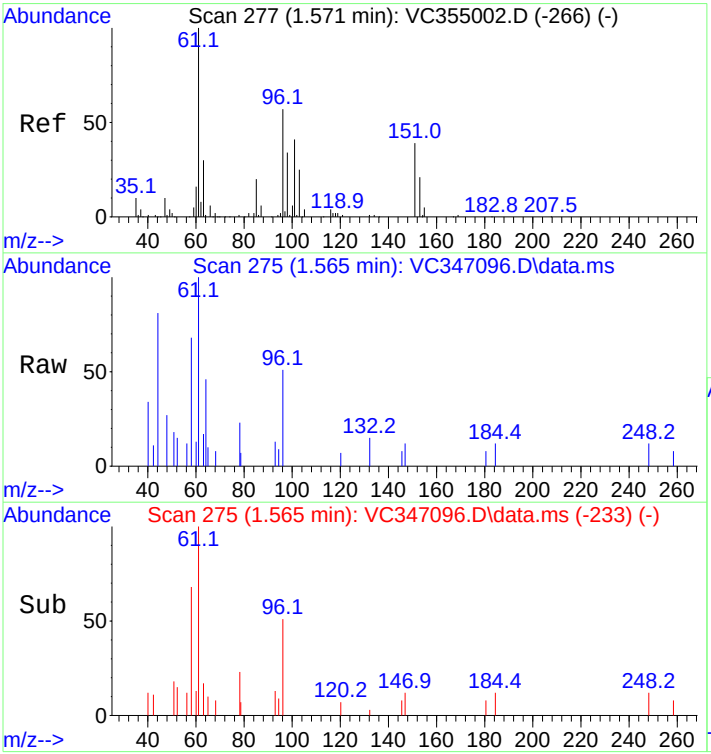


#14
ACETONE
Concen: 9.43 UG/L
RT: 1.599 min Scan# 287
Delta R.T. -0.002 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 14235

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.8	37.2

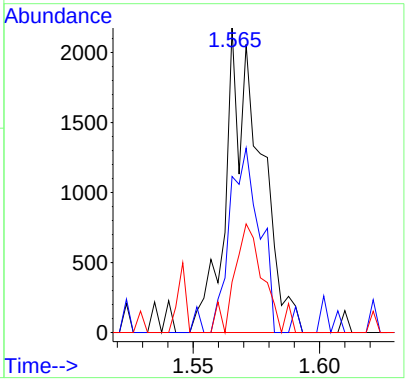


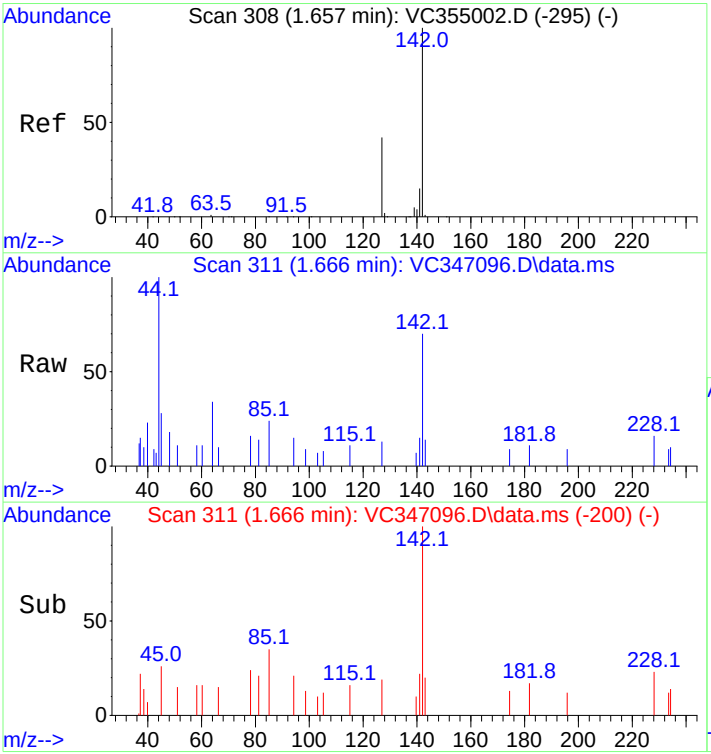


#15
1,1-DICHLOROETHENE
Concen: 1.17 UG/L m
RT: 1.565 min Scan# 275
Delta R.T. -0.003 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 61 Resp: 2087

Ion	Ratio	Lower	Upper
61	100		
96	51.7	45.8	68.8
63	30.0	25.6	38.4

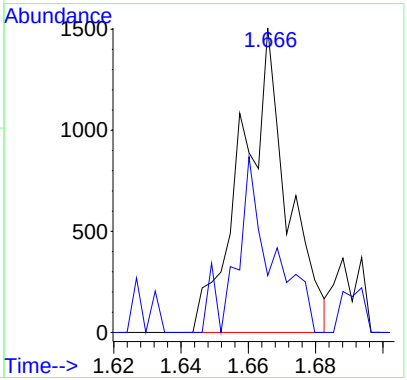


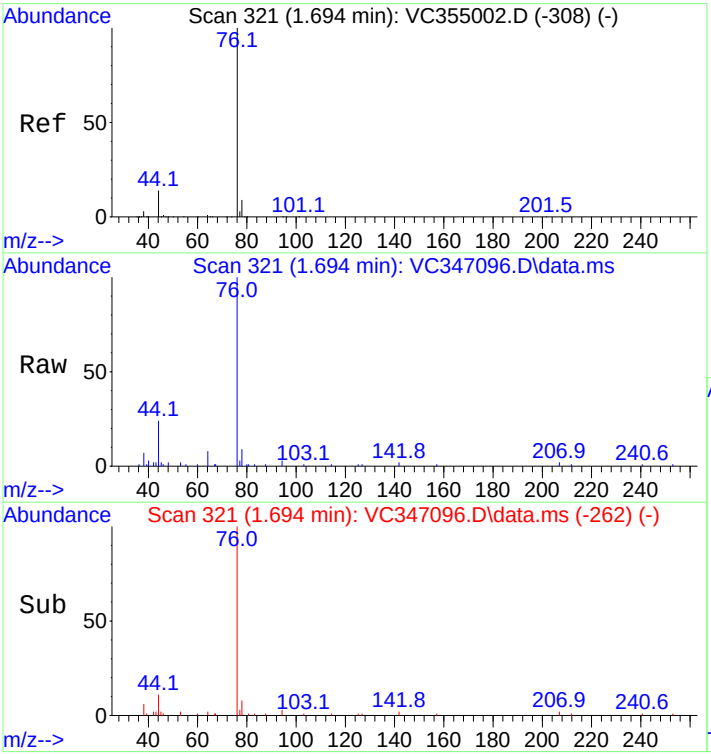


#17
IODOMETHANE
Concen: 11.06 UG/L
RT: 1.666 min Scan# 311
Delta R.T. 0.009 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion:142 Resp: 1437

Ion	Ratio	Lower	Upper
142	100		
127	44.7	0.0	0.0#

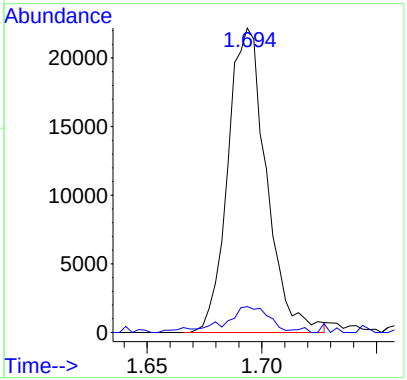


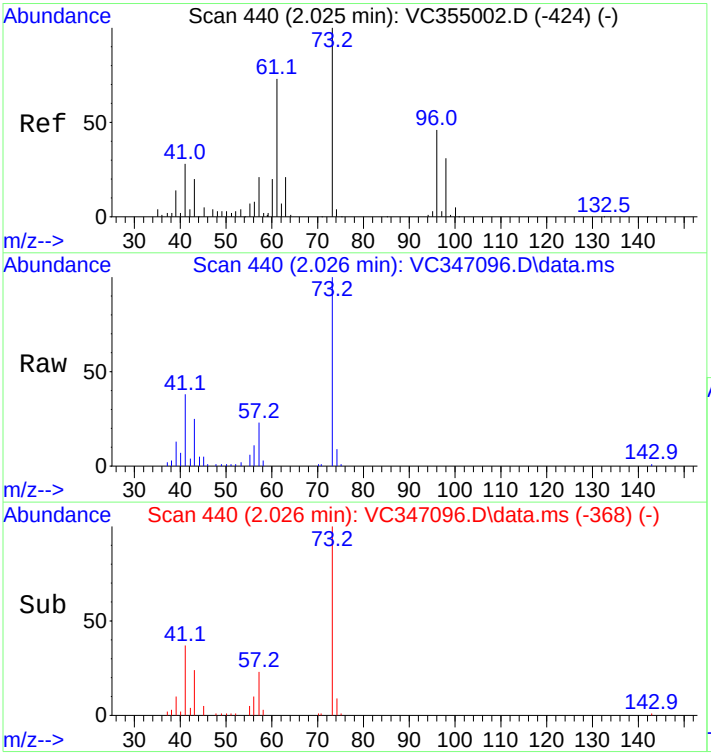


#24
CARBON DISULFIDE
Concen: 5.87 UG/L
RT: 1.694 min Scan# 321
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 76 Resp: 25915

Ion	Ratio	Lower	Upper
76	100		
78	7.2	0.0	0.0#

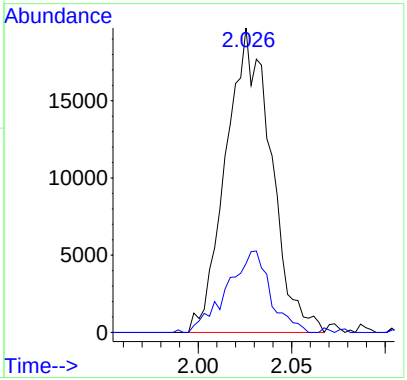


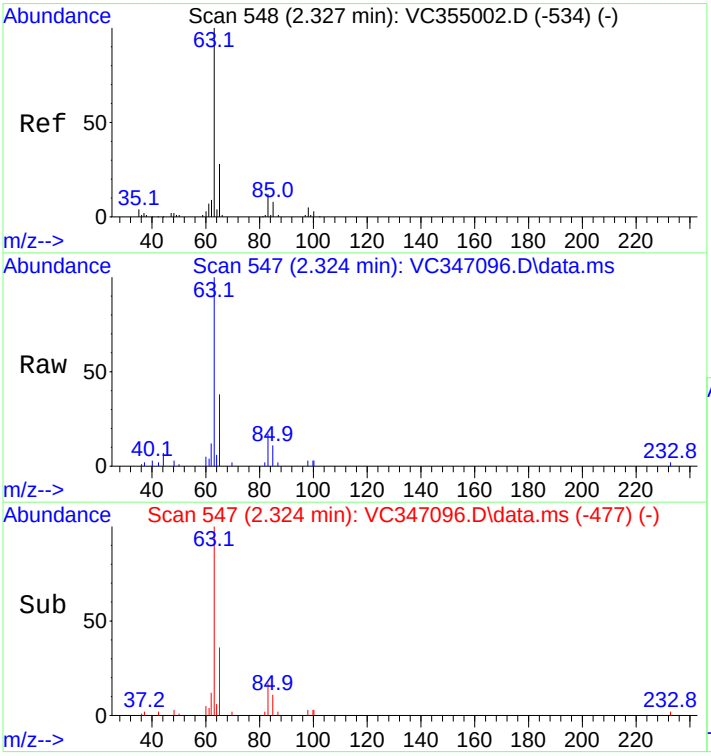


#25
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 1.98 UG/L
RT: 2.026 min Scan# 440
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 73 Resp: 33052

Ion	Ratio	Lower	Upper
73	100		
57	25.6	18.2	27.4

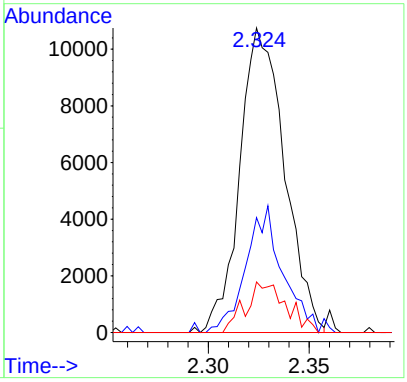


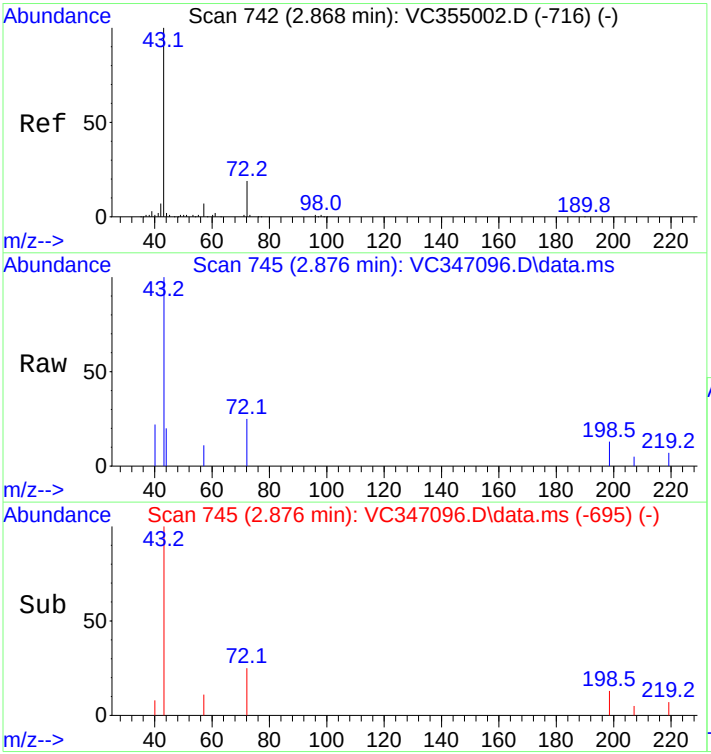


#27
1,1-DICHLOROETHANE
Concen: 1.59 UG/L
RT: 2.324 min Scan# 547
Delta R.T. 0.001 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 63 Resp: 16583

Ion	Ratio	Lower	Upper
63	100		
65	34.6	24.9	37.3
83	14.9	10.1	15.1

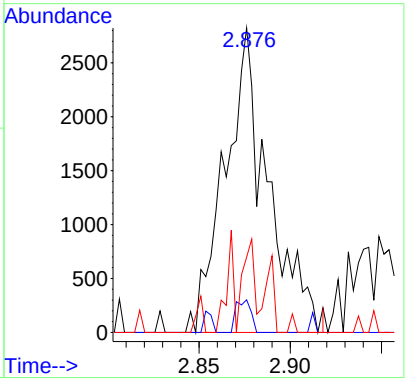


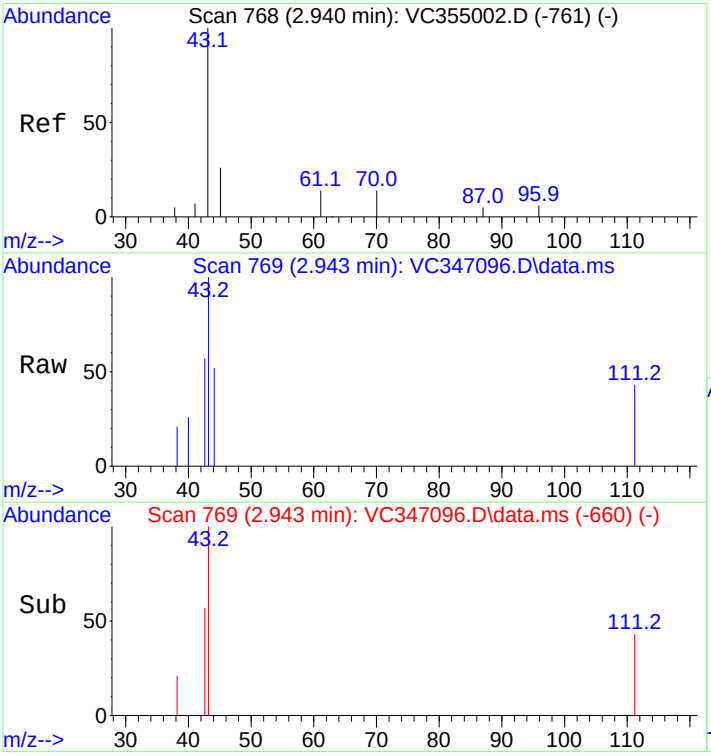


#31
2-BUTANONE
Concen: 2.37 UG/L m
RT: 2.876 min Scan# 745
Delta R.T. 0.006 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 4639

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

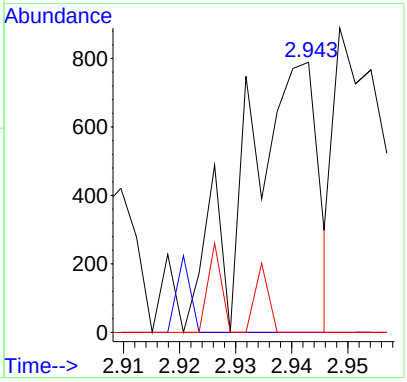




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC347096.D
Acq: 15 Dec 2011 2:12 pm

Tgt Ion: 43 Resp: 720

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0228-01	104	100	98.1
11L0228-02	103	100	102
11L0228-04	106	96.4	98.2
11L0228-05	94.7	101	98.7
B042744-BLK1	107	100	95.4
B042744-BS1	103	114	97.0
B042744-BSD1	106	103	101

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0228-03	104	95.1	95.1
11L0228-06	101	101	99.4
B042817-BLK1	106	93.4	97.0
B042817-BS1	110	115	102
B042817-BSD1	104	103	102

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	126	126		70 - 160
Acrylonitrile	10.0	9.51	95.1		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	9.03	90.3		70 - 130
Benzene	10.0	10.5	105		70 - 130
Bromobenzene	10.0	13.1	131	*	70 - 130
Bromochloromethane	10.0	10.6	106		70 - 130
Bromodichloromethane	10.0	8.51	85.1		70 - 130
Bromoform	10.0	11.1	111		70 - 130
Bromomethane	10.0	5.27	52.7		40 - 160
2-Butanone (MEK)	100	107	107		40 - 160
tert-Butyl Alcohol (TBA)	100	102	102		40 - 160
n-Butylbenzene	10.0	8.90	89.0		70 - 130
sec-Butylbenzene	10.0	9.04	90.4		70 - 130
tert-Butylbenzene	10.0	9.24	92.4		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.67	96.7		70 - 130
Carbon Disulfide	10.0	13.1	131	*	70 - 130
Carbon Tetrachloride	10.0	10.2	102		70 - 130
Chlorobenzene	10.0	9.93	99.3		70 - 130
Chlorodibromomethane	10.0	11.0	110		70 - 130
Chloroethane	10.0	9.15	91.5		70 - 130
Chloroform	10.0	10.8	108		70 - 130
Chloromethane	10.0	7.87	78.7		40 - 160
2-Chlorotoluene	10.0	13.2	132	*	70 - 130
4-Chlorotoluene	10.0	11.8	118		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.42	74.2		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110		70 - 130
Dibromomethane	10.0	10.4	104		70 - 130
1,2-Dichlorobenzene	10.0	8.93	89.3		70 - 130
1,3-Dichlorobenzene	10.0	10.1	101		70 - 130
1,4-Dichlorobenzene	10.0	10.1	101		70 - 130
trans-1,4-Dichloro-2-butene	10.0	11.6	116		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	6.27	62.7		40 - 160
1,1-Dichloroethane	10.0	10.8	108		70 - 130
1,2-Dichloroethane	10.0	11.3	113		70 - 130
1,1-Dichloroethylene	10.0	8.63	86.3		70 - 130
cis-1,2-Dichloroethylene	10.0	10.0	100		70 - 130
trans-1,2-Dichloroethylene	10.0	10.4	104		70 - 130
1,2-Dichloropropane	10.0	9.45	94.5		70 - 130
1,3-Dichloropropane	10.0	9.84	98.4		70 - 130
2,2-Dichloropropane	10.0	10.2	102		40 - 130
1,1-Dichloropropene	10.0	10.6	106		70 - 130
cis-1,3-Dichloropropene	10.0	10.7	107		70 - 130
trans-1,3-Dichloropropene	10.0	11.2	112		70 - 130
Diethyl Ether	10.0	10.1	101		70 - 130
Diisopropyl Ether (DIPE)	10.0	11.0	110		70 - 130
1,4-Dioxane	100	136	136	*	40 - 130
Ethylbenzene	10.0	11.9	119		70 - 130
Hexachlorobutadiene	10.0	10.1	101		70 - 130
2-Hexanone (MBK)	100	119	119		70 - 160
Isopropylbenzene (Cumene)	10.0	13.6	136	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.9	109		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.63	96.3		70 - 130
Methylene Chloride	10.0	8.72	87.2		70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104		70 - 160
Naphthalene	10.0	9.28	92.8		40 - 130
n-Propylbenzene	10.0	13.6	136	*	70 - 130
Styrene	10.0	11.0	110		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.4	114		70 - 130
1,1,2,2-Tetrachloroethane	10.0	12.7	127		70 - 130
Tetrachloroethylene	10.0	10.9	109		70 - 130
Tetrahydrofuran	10.0	10.3	103		70 - 130
Toluene	10.0	10.1	101		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.34	93.4		70 - 130
1,2,4-Trichlorobenzene	10.0	8.76	87.6		70 - 130
1,3,5-Trichlorobenzene	10.0	9.87	98.7		70 - 130
1,1,1-Trichloroethane	10.0	10.7	107		70 - 130
1,1,2-Trichloroethane	10.0	9.10	91.0		70 - 130
Trichloroethylene	10.0	9.99	99.9		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.6	106		70 - 130
1,2,3-Trichloropropane	10.0	13.4	134	*	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.21	92.1		70 - 130
1,2,4-Trimethylbenzene	10.0	10.4	104		70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114		70 - 130
Vinyl Chloride	10.0	7.93	79.3		40 - 160
m+p Xylene	20.0	27.4	137	*	70 - 130
o-Xylene	10.0	11.7	117		70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	124	124	1.48	25	70 - 160
Acrylonitrile	10.0	9.58	95.8	0.733	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.2	102	12.5	25	70 - 130
Benzene	10.0	11.6	116	9.69	25	70 - 130
Bromobenzene	10.0	10.7	107	19.9	25	70 - 130
Bromochloromethane	10.0	12.3	123	14.6	25	70 - 130
Bromodichloromethane	10.0	9.23	92.3	8.12	25	70 - 130
Bromoform	10.0	10.8	108	2.01	25	70 - 130
Bromomethane	10.0	5.39	53.9	2.25	25	40 - 160
2-Butanone (MEK)	100	128	128	17.6	25	40 - 160
tert-Butyl Alcohol (TBA)	100	103	103	0.594	25	40 - 160
n-Butylbenzene	10.0	10.1	101	12.2	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	10.3	103	13.2	25	70 - 130
tert-Butylbenzene	10.0	10.5	105	13.1	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.4	104	6.99	25	70 - 130
Carbon Disulfide	10.0	12.3	123	6.06	25	70 - 130
Carbon Tetrachloride	10.0	11.1	111	8.44	25	70 - 130
Chlorobenzene	10.0	10.3	103	3.66	25	70 - 130
Chlorodibromomethane	10.0	12.1	121	9.65	25	70 - 130
Chloroethane	10.0	8.38	83.8	8.78	25	70 - 130
Chloroform	10.0	12.0	120	11.1	25	70 - 130
Chloromethane	10.0	7.41	74.1	6.02	25	40 - 160
2-Chlorotoluene	10.0	11.2	112	16.2	25	70 - 130
4-Chlorotoluene	10.0	11.1	111	6.13	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.70	97.0	26.6	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.5	115	4.25	25	70 - 130
Dibromomethane	10.0	11.3	113	7.90	25	70 - 130
1,2-Dichlorobenzene	10.0	10.6	106	17.5	25	70 - 130
1,3-Dichlorobenzene	10.0	10.7	107	5.77	25	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108	6.78	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.1	101	14.4	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	5.51	55.1	12.9	25	40 - 160
1,1-Dichloroethane	10.0	10.6	106	2.14	25	70 - 130
1,2-Dichloroethane	10.0	11.6	116	2.71	25	70 - 130
1,1-Dichloroethylene	10.0	8.26	82.6	4.38	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.3	113	11.7	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.98	99.8	4.41	25	70 - 130
1,2-Dichloropropane	10.0	11.0	110	15.2	25	70 - 130
1,3-Dichloropropane	10.0	11.5	115	15.3	25	70 - 130
2,2-Dichloropropane	10.0	11.2	112	8.79	25	40 - 130
1,1-Dichloropropene	10.0	11.6	116	8.11	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.7	117		9.00	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.5	125		10.5	25	70 - 130
Diethyl Ether	10.0	10.2	102		0.592	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106		3.43	25	70 - 130
1,4-Dioxane	100	128	128		6.08	50	40 - 130
Ethylbenzene	10.0	11.1	111		6.79	25	70 - 130
Hexachlorobutadiene	10.0	10.4	104		3.13	25	70 - 130
2-Hexanone (MBK)	100	131	131		9.19	25	70 - 160
Isopropylbenzene (Cumene)	10.0	13.0	130		4.42	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.4	114		5.11	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.36	93.6		2.84	25	70 - 130
Methylene Chloride	10.0	8.35	83.5		4.34	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	121	121		15.3	25	70 - 160
Naphthalene	10.0	10.2	102		9.84	25	40 - 130
n-Propylbenzene	10.0	11.3	113		18.2	25	70 - 130
Styrene	10.0	11.0	110		0.455	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.92	99.2		14.1	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.2	112		12.6	25	70 - 130
Tetrachloroethylene	10.0	10.7	107		2.13	25	70 - 130
Tetrahydrofuran	10.0	13.2	132	*	24.1	25	70 - 130
Toluene	10.0	11.1	111		9.24	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.4	104		10.8	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.86	98.6		11.8	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.23	92.3		6.70	25	70 - 130
1,1,1-Trichloroethane	10.0	11.5	115		7.23	25	70 - 130
1,1,2-Trichloroethane	10.0	10.3	103		12.7	25	70 - 130
Trichloroethylene	10.0	10.7	107		6.77	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.63	96.3		9.87	25	70 - 130
1,2,3-Trichloropropane	10.0	11.5	115		14.8	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042744	Laboratory ID:	B042744-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.39	83.9	9.32	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.3	113	8.78	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	5.49	25	70 - 130
Vinyl Chloride	10.0	7.36	73.6	7.46	25	40 - 160
m+p Xylene	20.0	22.3	112	20.2	25	70 - 130
o-Xylene	10.0	11.6	116	0.429	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	148	148		70 - 160
Acrylonitrile	10.0	12.0	120		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.0	100		70 - 130
Benzene	10.0	10.6	106		70 - 130
Bromobenzene	10.0	9.47	94.7		70 - 130
Bromochloromethane	10.0	11.0	110		70 - 130
Bromodichloromethane	10.0	8.50	85.0		70 - 130
Bromoform	10.0	11.9	119		70 - 130
Bromomethane	10.0	5.65	56.5		40 - 160
2-Butanone (MEK)	100	122	122		40 - 160
tert-Butyl Alcohol (TBA)	100	127	127		40 - 160
n-Butylbenzene	10.0	7.37	73.7		70 - 130
sec-Butylbenzene	10.0	8.15	81.5		70 - 130
tert-Butylbenzene	10.0	8.47	84.7		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.95	99.5		70 - 130
Carbon Disulfide	10.0	14.5	145	*	70 - 130
Carbon Tetrachloride	10.0	10.7	107		70 - 130
Chlorobenzene	10.0	9.25	92.5		70 - 130
Chlorodibromomethane	10.0	11.4	114		70 - 130
Chloroethane	10.0	10.1	101		70 - 130
Chloroform	10.0	10.8	108		70 - 130
Chloromethane	10.0	9.34	93.4		40 - 160
2-Chlorotoluene	10.0	10.1	101		70 - 130
4-Chlorotoluene	10.0	9.67	96.7		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.44	94.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110		70 - 130
Dibromomethane	10.0	10.8	108		70 - 130
1,2-Dichlorobenzene	10.0	9.60	96.0		70 - 130
1,3-Dichlorobenzene	10.0	9.42	94.2		70 - 130
1,4-Dichlorobenzene	10.0	9.44	94.4		70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.89	98.9		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	6.75	67.5		40 - 160
1,1-Dichloroethane	10.0	12.6	126		70 - 130
1,2-Dichloroethane	10.0	10.2	102		70 - 130
1,1-Dichloroethylene	10.0	9.41	94.1		70 - 130
cis-1,2-Dichloroethylene	10.0	10.6	106		70 - 130
trans-1,2-Dichloroethylene	10.0	11.8	118		70 - 130
1,2-Dichloropropane	10.0	10.2	102		70 - 130
1,3-Dichloropropane	10.0	13.6	136	*	70 - 130
2,2-Dichloropropane	10.0	8.97	89.7		40 - 130
1,1-Dichloropropene	10.0	11.0	110		70 - 130
cis-1,3-Dichloropropene	10.0	10.4	104		70 - 130
trans-1,3-Dichloropropene	10.0	11.4	114		70 - 130
Diethyl Ether	10.0	11.8	118		70 - 130
Diisopropyl Ether (DIPE)	10.0	12.3	123		70 - 130
1,4-Dioxane	100	142	142	*	40 - 130
Ethylbenzene	10.0	9.28	92.8		70 - 130
Hexachlorobutadiene	10.0	9.25	92.5		70 - 130
2-Hexanone (MBK)	100	138	138		70 - 160
Isopropylbenzene (Cumene)	10.0	13.6	136	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.3	103		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108		70 - 130
Methylene Chloride	10.0	9.43	94.3		70 - 130
4-Methyl-2-pentanone (MIBK)	100	116	116		70 - 160
Naphthalene	10.0	9.63	96.3		40 - 130
n-Propylbenzene	10.0	10.0	100		70 - 130
Styrene	10.0	12.3	123		70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.92	89.2		70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.91	99.1		70 - 130
Tetrachloroethylene	10.0	12.6	126		70 - 130
Tetrahydrofuran	10.0	10.7	107		70 - 130
Toluene	10.0	10.4	104		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.84	98.4	70 - 130
1,2,4-Trichlorobenzene	10.0	8.13	81.3	70 - 130
1,3,5-Trichlorobenzene	10.0	8.08	80.8	70 - 130
1,1,1-Trichloroethane	10.0	10.5	105	70 - 130
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130
Trichloroethylene	10.0	10.6	106	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.6	116	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.57	95.7	70 - 130
1,2,4-Trimethylbenzene	10.0	10.1	101	70 - 130
1,3,5-Trimethylbenzene	10.0	9.15	91.5	70 - 130
Vinyl Chloride	10.0	8.73	87.3	40 - 160
m+p Xylene	20.0	19.8	99.0	70 - 130
o-Xylene	10.0	12.5	125	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	141	141		4.24	25	70 - 160
Acrylonitrile	10.0	11.4	114		5.29	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.7	107		6.84	25	70 - 130
Benzene	10.0	11.5	115		8.14	25	70 - 130
Bromobenzene	10.0	11.0	110		15.3	25	70 - 130
Bromochloromethane	10.0	11.3	113		3.41	25	70 - 130
Bromodichloromethane	10.0	10.2	102		17.9	25	70 - 130
Bromoform	10.0	13.1	131	*	9.70	25	70 - 130
Bromomethane	10.0	6.77	67.7		18.0	25	40 - 160
2-Butanone (MEK)	100	120	120		0.868	25	40 - 160
tert-Butyl Alcohol (TBA)	100	118	118		7.29	25	40 - 160
n-Butylbenzene	10.0	10.6	106		36.4	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.80	98.0		18.4	25	70 - 130
tert-Butylbenzene	10.0	11.3	113		29.0	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.6	106		6.42	25	70 - 130
Carbon Disulfide	10.0	14.8	148	*	1.84	25	70 - 130
Carbon Tetrachloride	10.0	11.2	112		4.94	25	70 - 130
Chlorobenzene	10.0	11.0	110		17.5	25	70 - 130
Chlorodibromomethane	10.0	11.9	119		4.19	25	70 - 130
Chloroethane	10.0	10.0	100		1.39	25	70 - 130
Chloroform	10.0	11.6	116		7.69	25	70 - 130
Chloromethane	10.0	9.22	92.2		1.29	25	40 - 160
2-Chlorotoluene	10.0	13.6	136	*	29.8	25	70 - 130
4-Chlorotoluene	10.0	11.7	117		18.8	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.6	106		11.1	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	14.0	140	*	24.1	25	70 - 130
Dibromomethane	10.0	11.4	114		5.22	25	70 - 130
1,2-Dichlorobenzene	10.0	12.3	123		25.0	25	70 - 130
1,3-Dichlorobenzene	10.0	10.2	102		8.44	25	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106		11.7	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	13.8	138	*	33.1	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.31	73.1		7.97	25	40 - 160
1,1-Dichloroethane	10.0	12.6	126		0.556	25	70 - 130
1,2-Dichloroethane	10.0	11.6	116		12.8	25	70 - 130
1,1-Dichloroethylene	10.0	9.74	97.4		3.45	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.9	109		2.60	25	70 - 130
trans-1,2-Dichloroethylene	10.0	12.1	121		2.85	25	70 - 130
1,2-Dichloropropane	10.0	10.5	105		3.09	25	70 - 130
1,3-Dichloropropane	10.0	12.1	121		11.6	25	70 - 130
2,2-Dichloropropane	10.0	9.09	90.9		1.33	25	40 - 130
1,1-Dichloropropene	10.0	11.6	116		4.69	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.0	110		5.69	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.5	125		9.52	25	70 - 130
Diethyl Ether	10.0	12.2	122		3.17	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.7	127		3.52	25	70 - 130
1,4-Dioxane	100	138	138	*	2.40	50	40 - 130
Ethylbenzene	10.0	10.9	109		16.4	25	70 - 130
Hexachlorobutadiene	10.0	10.1	101		8.49	25	70 - 130
2-Hexanone (MBK)	100	119	119		14.8	25	70 - 160
Isopropylbenzene (Cumene)	10.0	13.1	131	*	3.60	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.9	109		5.64	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.9	109		1.29	25	70 - 130
Methylene Chloride	10.0	9.64	96.4		2.20	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	115	115		0.774	25	70 - 160
Naphthalene	10.0	9.33	93.3		3.16	25	40 - 130
n-Propylbenzene	10.0	13.9	139	*	32.7	25	70 - 130
Styrene	10.0	12.3	123		0.0814	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.3	103		14.6	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118		17.0	25	70 - 130
Tetrachloroethylene	10.0	11.1	111		12.8	25	70 - 130
Tetrahydrofuran	10.0	10.9	109		1.66	25	70 - 130
Toluene	10.0	11.2	112		7.12	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.25	92.5		6.18	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.99	89.9		10.0	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.1	101		22.3	25	70 - 130
1,1,1-Trichloroethane	10.0	11.8	118		11.6	25	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112		9.81	25	70 - 130
Trichloroethylene	10.0	11.0	110		4.54	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.9	119		2.39	25	70 - 130
1,2,3-Trichloropropane	10.0	14.5	145	*	33.5	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B042817	Laboratory ID:	B042817-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.42	94.2	1.58	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.4	114	11.7	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114	21.6	25	70 - 130
Vinyl Chloride	10.0	9.03	90.3	3.38	25	40 - 160
m+p Xylene	20.0	22.6	113	13.0	25	70 - 130
o-Xylene	10.0	11.9	119	4.85	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042744-BLK1	Batch:	B042744

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
PW23-175	11L0228-05	VC347061.D	20:32
PW23-150	11L0228-04	VC347060.D	20:02
PW20-200	11L0228-02	VC347059.D	19:32
TB-120211	11L0228-01	VC347054.D	17:01
LCS Dup	B042744-BSD1	VC347042.D	10:59
LCS	B042744-BS1	VC347041.D	10:29

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B042817-BLK1	Batch:	B042817

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
PW23-200	11L0228-06	VC347096.D	14:12
PW23-100	11L0228-03	VC347095.D	13:41
LCS Dup	B042817-BSD1	VC347076.D	04:05
LCS	B042817-BS1	VC347075.D	03:35

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC347037.D	Injection Date:	12/14/11
Instrument ID:	GCMSVOA3	Injection Time:	08:52
Sequence:	S001576	Lab Sample ID:	S001576-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.1	PASS
75	30 - 60% of 95	49.3	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0.263	PASS
174	50 - 200% of 95	95.7	PASS
175	5 - 9% of 174	7.78	PASS
176	95 - 101% of 174	95.1	PASS
177	5 - 9% of 176	6.48	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001576-CCV1	VC347038.D	12/14/2011	9:22:00
LCS	B042744-BS1	VC347041.D	12/14/2011	10:29:00
LCS Dup	B042744-BSD1	VC347042.D	12/14/2011	10:59:00
Blank	B042744-BLK1	VC347044.D	12/14/2011	11:59:00
TB-120211	11L0228-01	VC347054.D	12/14/2011	17:01:00
PW20-200	11L0228-02	VC347059.D	12/14/2011	19:32:00
PW23-150	11L0228-04	VC347060.D	12/14/2011	20:02:00
PW23-175	11L0228-05	VC347061.D	12/14/2011	20:32:00

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC347073.D	Injection Date:	12/15/11
Instrument ID:	GCMSVOA3	Injection Time:	02:34
Sequence:	S001577	Lab Sample ID:	S001577-TUN1

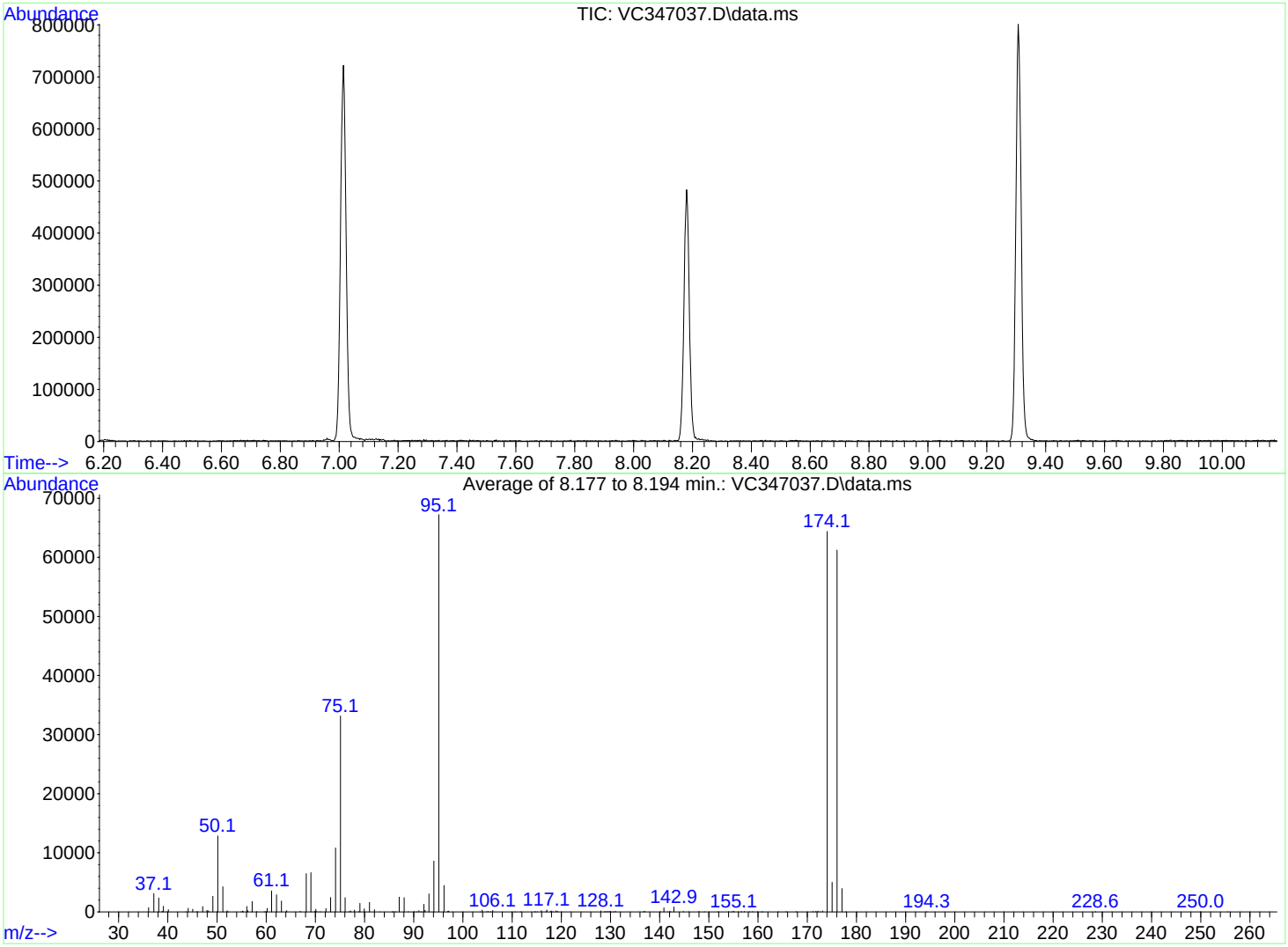
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.6	PASS
75	30 - 60% of 95	44.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	5.57	PASS
173	Less than 2% of 174	0.592	PASS
174	50 - 200% of 95	87	PASS
175	5 - 9% of 174	7.99	PASS
176	95 - 101% of 174	97.1	PASS
177	5 - 9% of 176	6.95	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
	S001577-CCV1	VC347073.D	12/15/2011	2:34:00
LCS	B042817-BS1	VC347075.D	12/15/2011	3:35:00
LCS Dup	B042817-BSD1	VC347076.D	12/15/2011	4:05:00
Blank	B042817-BLK1	VC347078.D	12/15/2011	5:06:00
PW23-100	11L0228-03	VC347095.D	12/15/2011	13:41:00
PW23-200	11L0228-06	VC347096.D	12/15/2011	14:12:00

Data Path : Y:\1\DATA\121311\
Data File : VC347037.D
Acq On : 14 Dec 2011 8:52 am
Operator :
Sample : BFB
Misc :
ALS Vial : 37 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



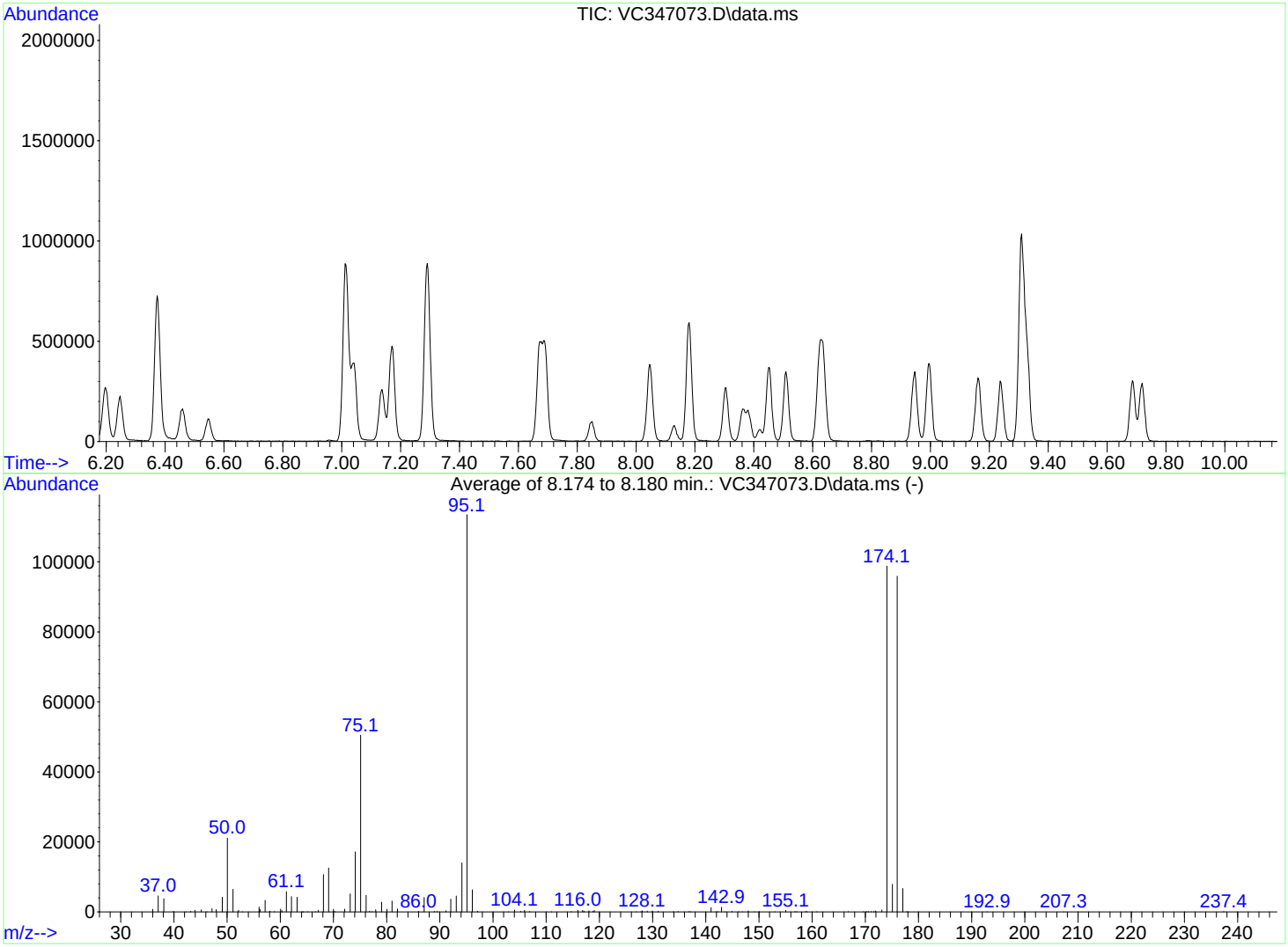
Spectrum Information: Average of 8.177 to 8.194 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	12864	PASS
75	95	30	60	49.3	33148	PASS
95	95	100	100	100.0	67224	PASS
96	95	5	9	6.7	4495	PASS
173	174	0.00	2	0.3	169	PASS
174	95	50	100	95.7	64357	PASS
175	174	5	9	7.8	5007	PASS
176	174	95	101	95.1	61223	PASS
177	176	5	9	6.5	3965	PASS

Data Path : Y:\1\DATA\121311\
Data File : VC347073.D
Acq On : 15 Dec 2011 2:34 am
Operator :
Sample : 8260STD 10PPB/BFB
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2645, 2646, 2647; Background Corrected with Scan 2633

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	21092	PASS
75	95	30	60	44.5	50482	PASS
95	95	100	100	100.0	113491	PASS
96	95	5	9	5.6	6322	PASS
173	174	0.00	2	0.6	585	PASS
174	95	50	100	87.0	98765	PASS
175	174	5	9	8.0	7889	PASS
176	174	95	101	97.1	95893	PASS
177	176	5	9	7.0	6665	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0228

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011 11:10 am	VC341001.D	CLEAN UP	
7 Dec 2011 11:41 am	VC341002.D	CLEAN UP	
7 Dec 2011 12:11 pm	VC341003.D	CLEAN UP	
7 Dec 2011 12:41 pm	VC341004.D	BFB	
7 Dec 2011 1:12 pm	VC341005.D	8260 STD 0.4 PPB	
7 Dec 2011 1:42 pm	VC341006.D	8260 STD 0.5 PPB	
7 Dec 2011 2:12 pm	VC341007.D	8260 STD 1.0 PPB	
7 Dec 2011 2:43 pm	VC341008.D	8260 STD 2.0 PPB	
7 Dec 2011 3:13 pm	VC341009.D	8260 STD 5.0 PPB	
7 Dec 2011 3:43 pm	VC341010.D	8260 STD 10 PPB	
7 Dec 2011 4:13 pm	VC341011.D	8260 STD 20 PPB	
7 Dec 2011 4:44 pm	VC341012.D	8260 STD 50 PPB	
7 Dec 2011 5:14 pm	VC341013.D	8260 STD 100 PPB	
7 Dec 2011 5:44 pm	VC341014.D	8260 STD 200 PPB	
7 Dec 2011 6:15 pm	VC341015.D	CLEAN UP	
7 Dec 2011 6:45 pm	VC341016.D	CLEAN UP	
7 Dec 2011 7:15 pm	VC341017.D	B042284-BS1	
7 Dec 2011 7:45 pm	VC341018.D	B042284-BSD1	
7 Dec 2011 8:16 pm	VC341019.D	CLEAN UP	
7 Dec 2011 8:46 pm	VC341020.D	B042284-BLK1	
7 Dec 2011 9:16 pm	VC341021.D	11L0095-01 @ TB	
7 Dec 2011 9:47 pm	VC341022.D	11L0095-02	
7 Dec 2011 10:17 pm	VC341023.D	11L0095-03	
7 Dec 2011 10:47 pm	VC341024.D	11L0095-04	
7 Dec 2011 11:18 pm	VC341025.D	11L0095-05	
7 Dec 2011 11:48 pm	VC341026.D	11L0095-06	
8 Dec 2011 12:18 am	VC341027.D	CLEAN UP	
8 Dec 2011 12:49 am	VC341028.D	CLEAN UP	
8 Dec 2011 1:19 am	VC341029.D	11L0150-01 TB LOT CHECK	
8 Dec 2011 1:50 am	VC341030.D	BFB	
8 Dec 2011 2:20 am	VC341031.D	8260STD 10PPB	
8 Dec 2011 2:51 am	VC341032.D	B0-BS1 RCP	
8 Dec 2011 3:21 am	VC341033.D	B0-BS1	
8 Dec 2011 3:52 am	VC341034.D	B0-BSD1	

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...			1.223	1.324	0.946	1.201	1.080	1.186			1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

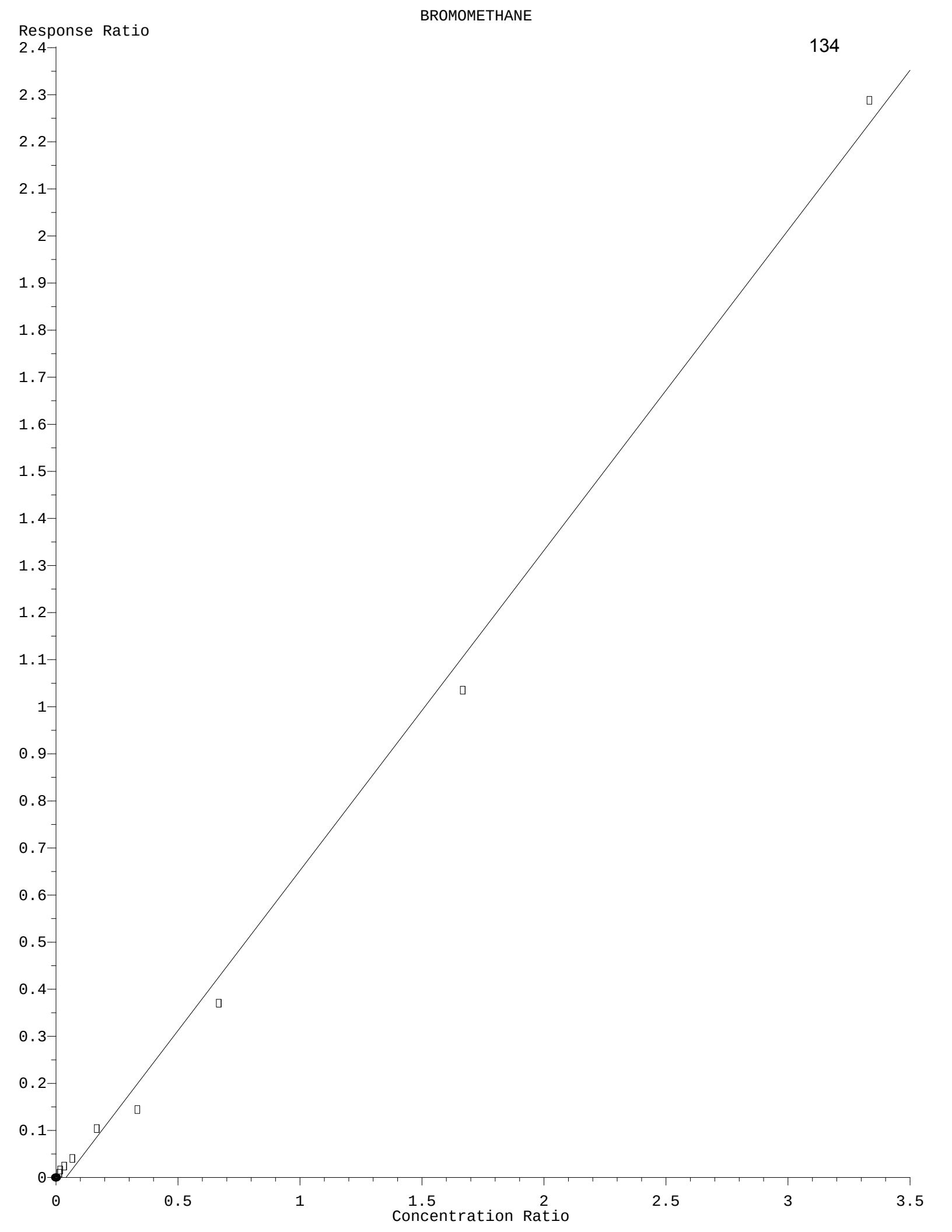
Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

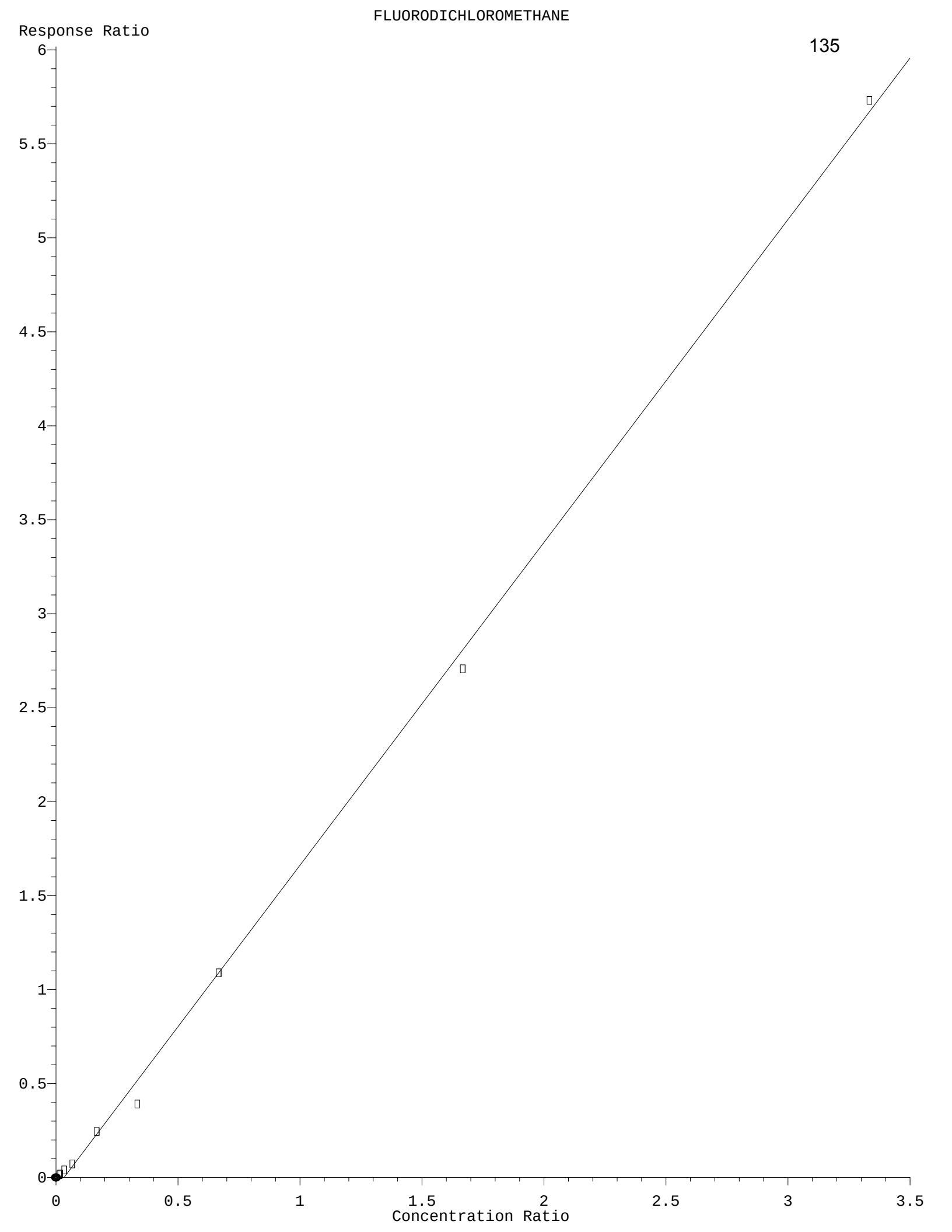
44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5 ...	----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

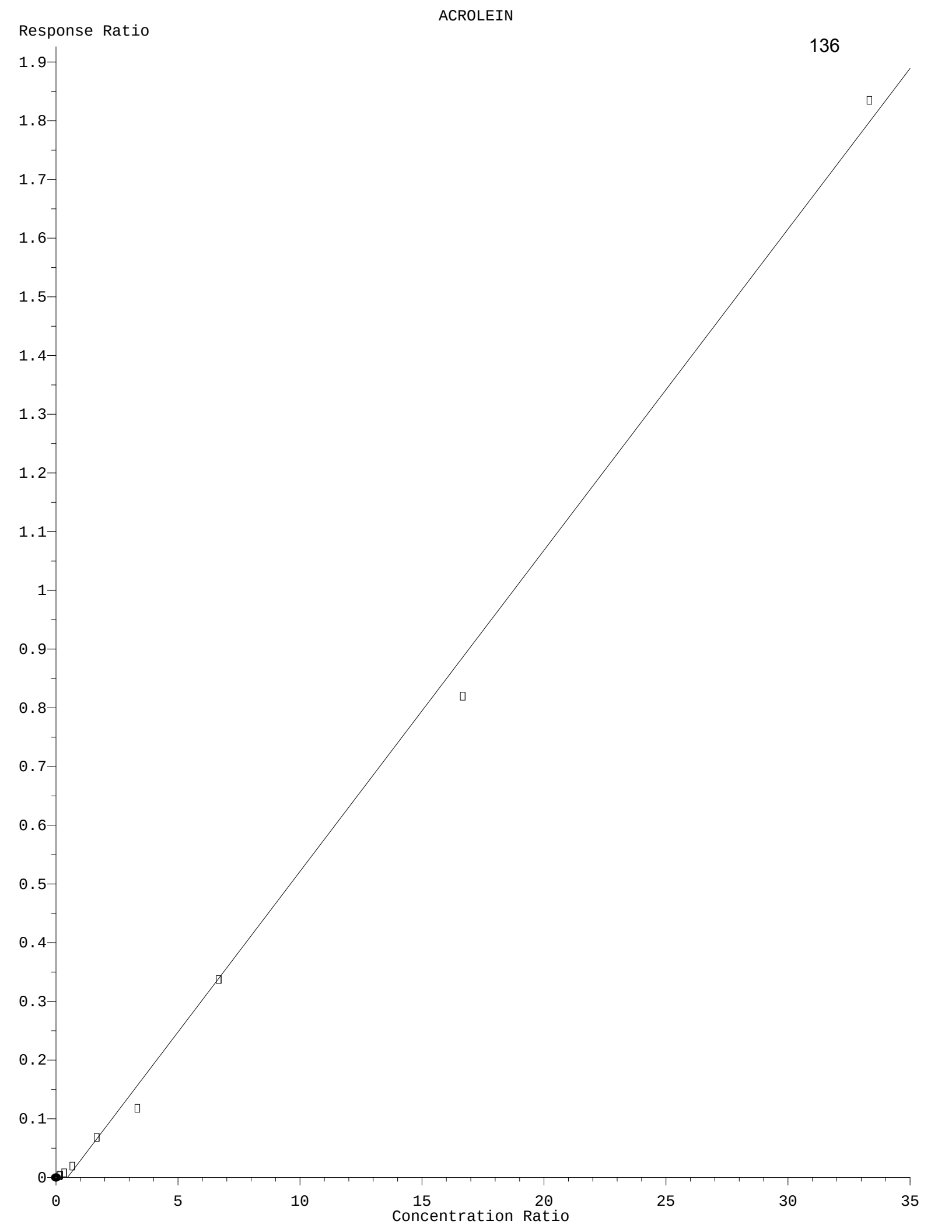
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Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

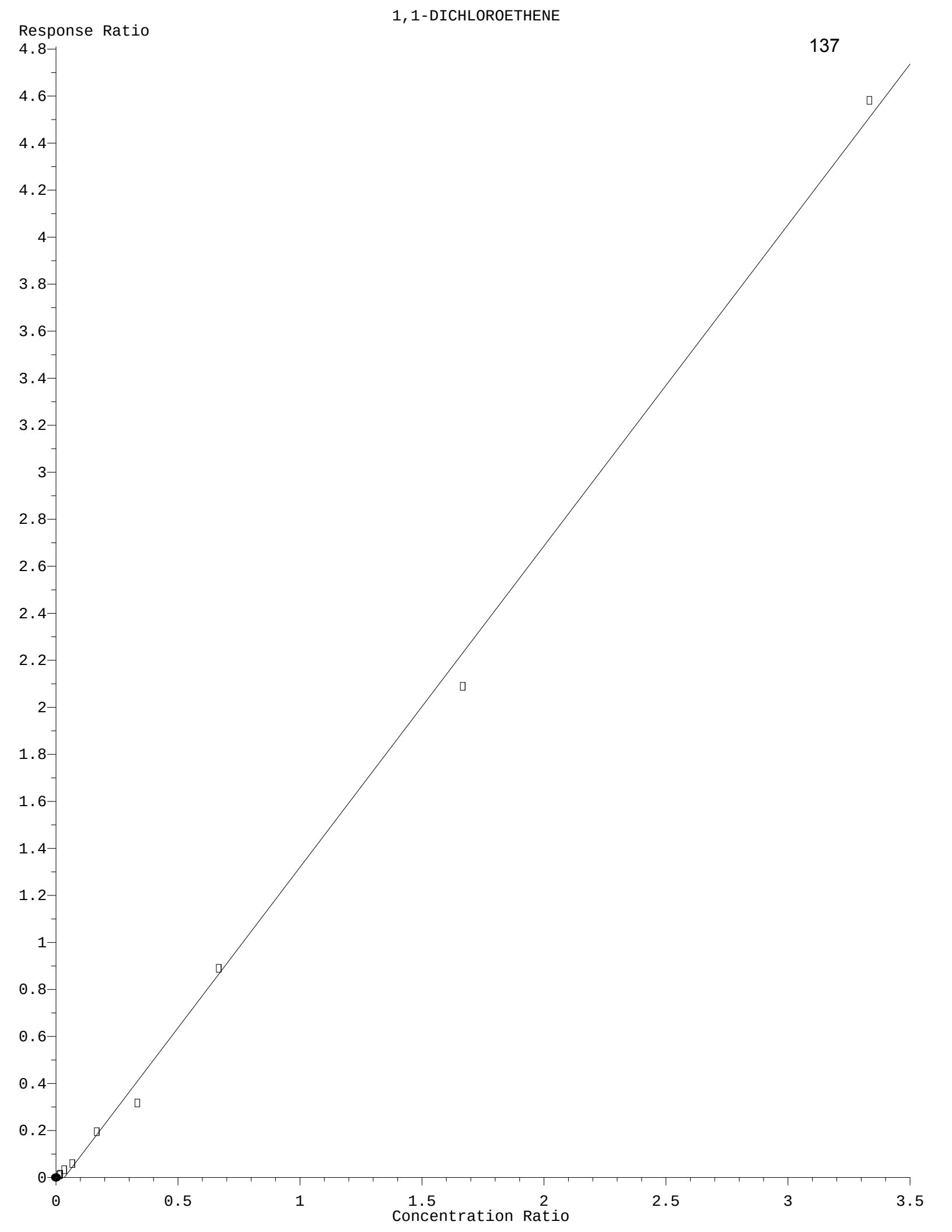
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

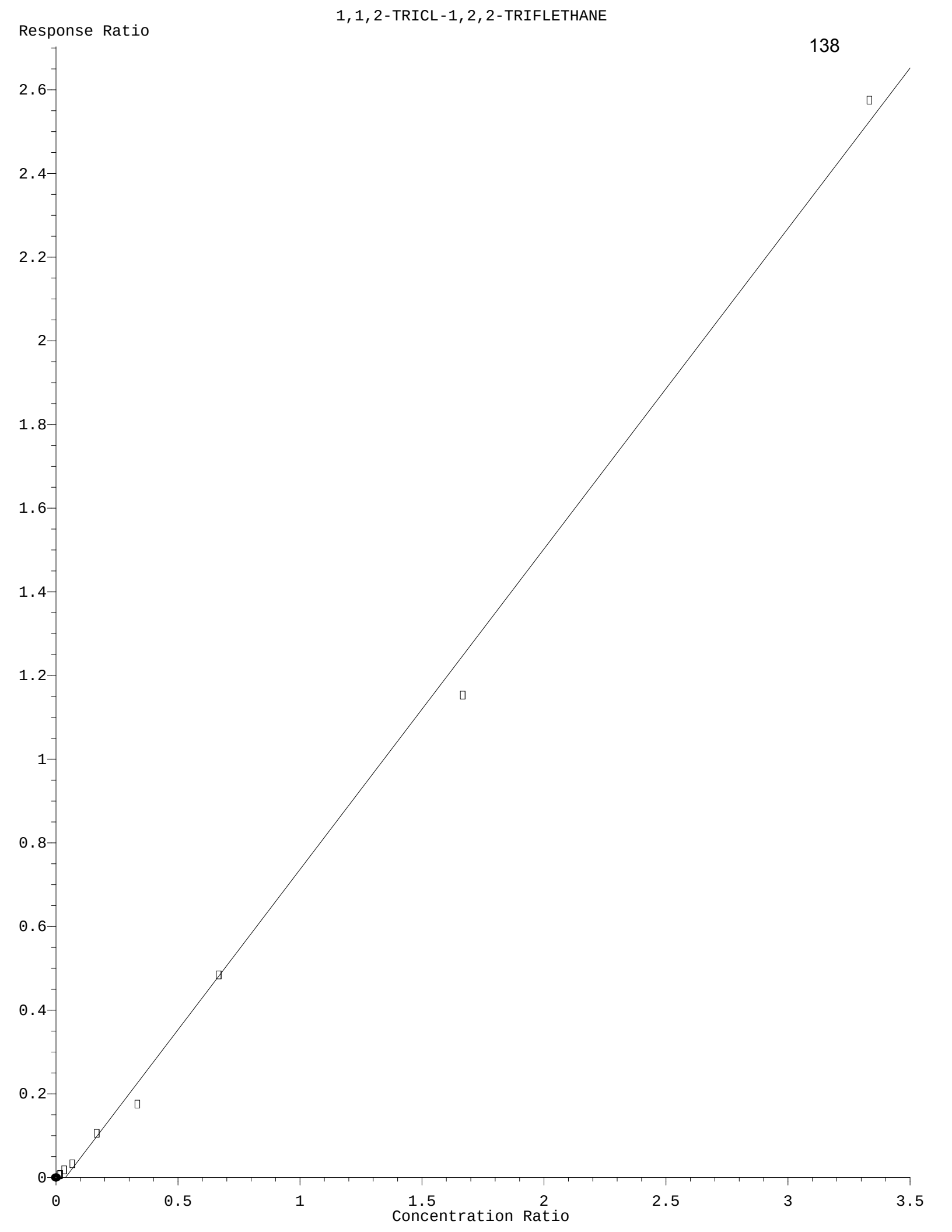
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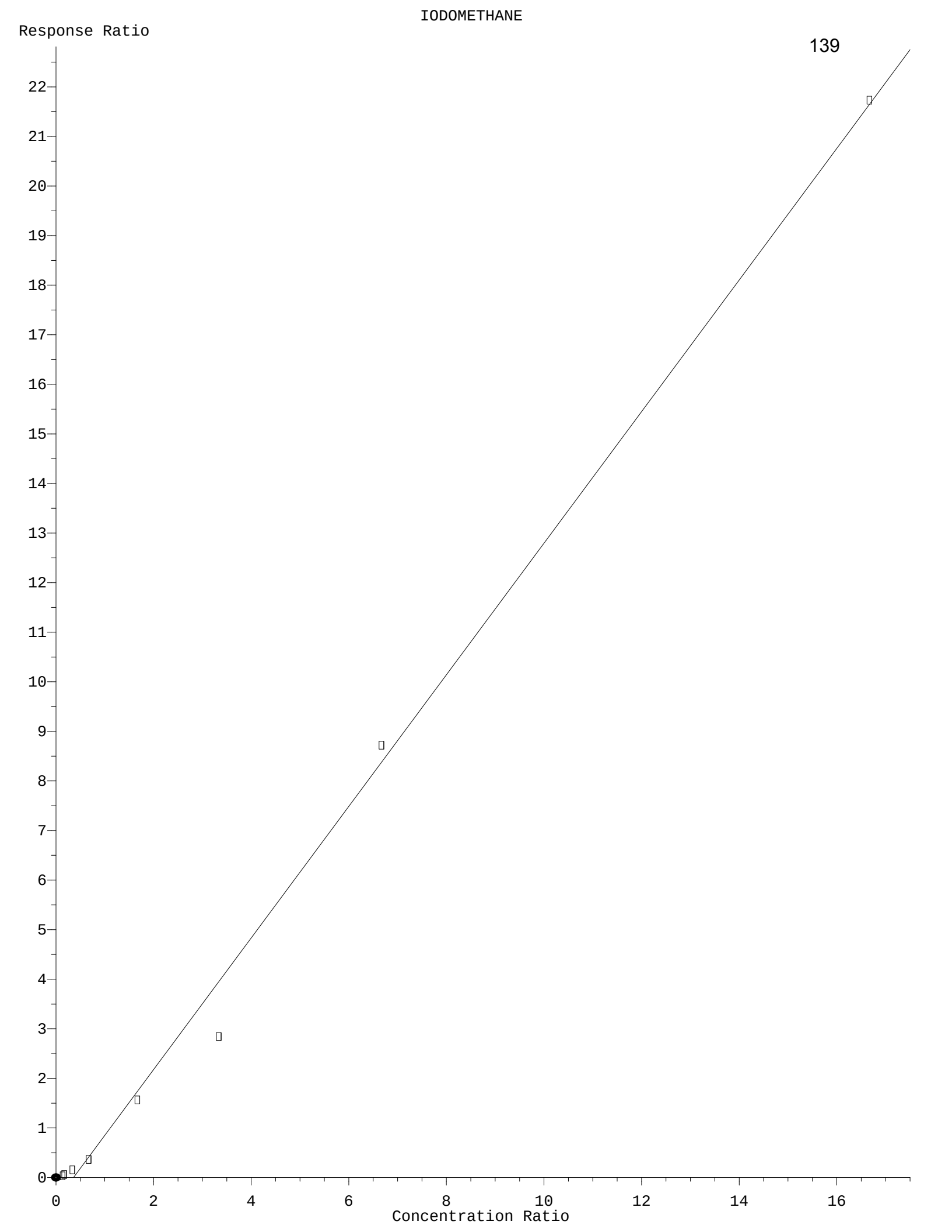

BROMOMETHANE
Response Ratio
134
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

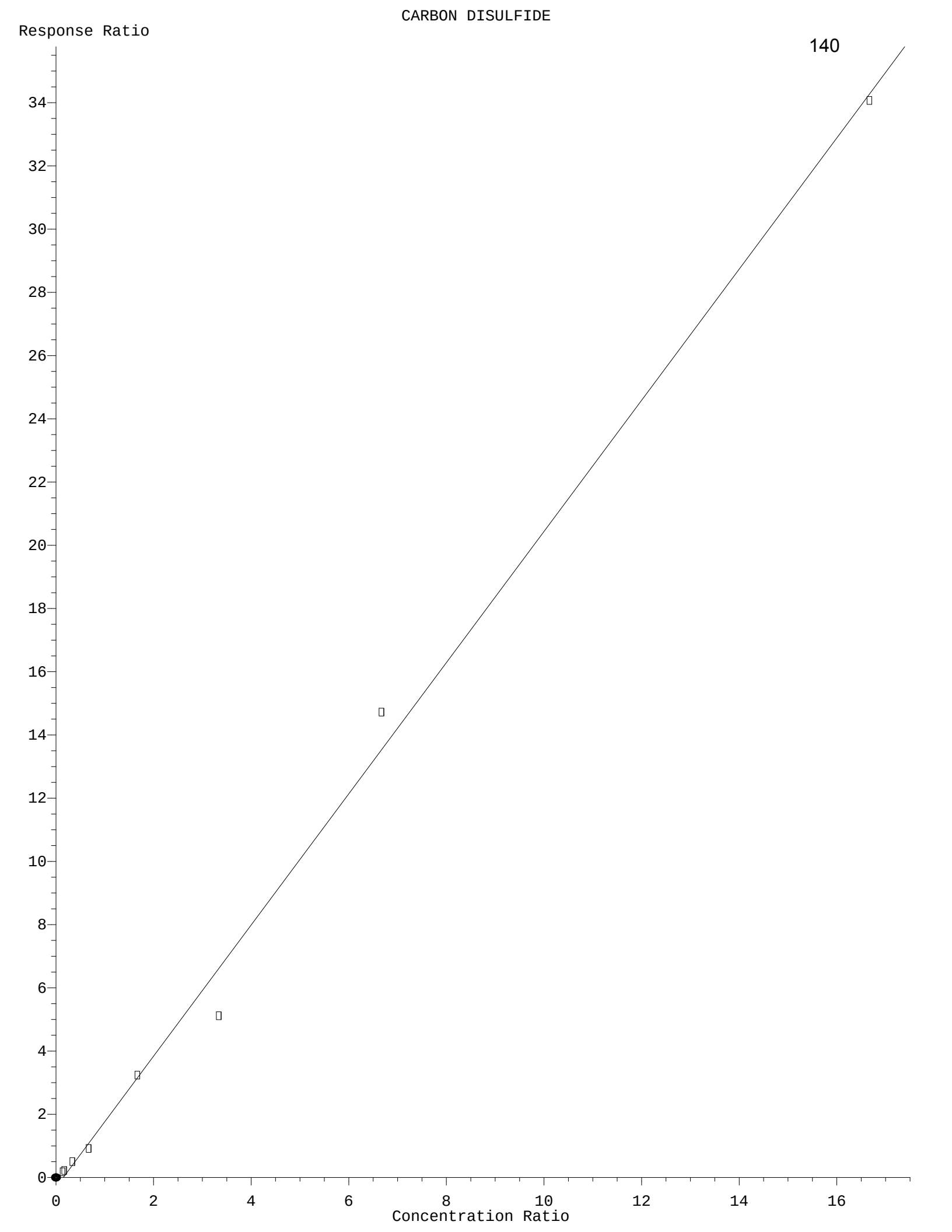

FLUORODICHLOROMETHANE
Response Ratio
135
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


ACROLEIN
Response Ratio
136
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

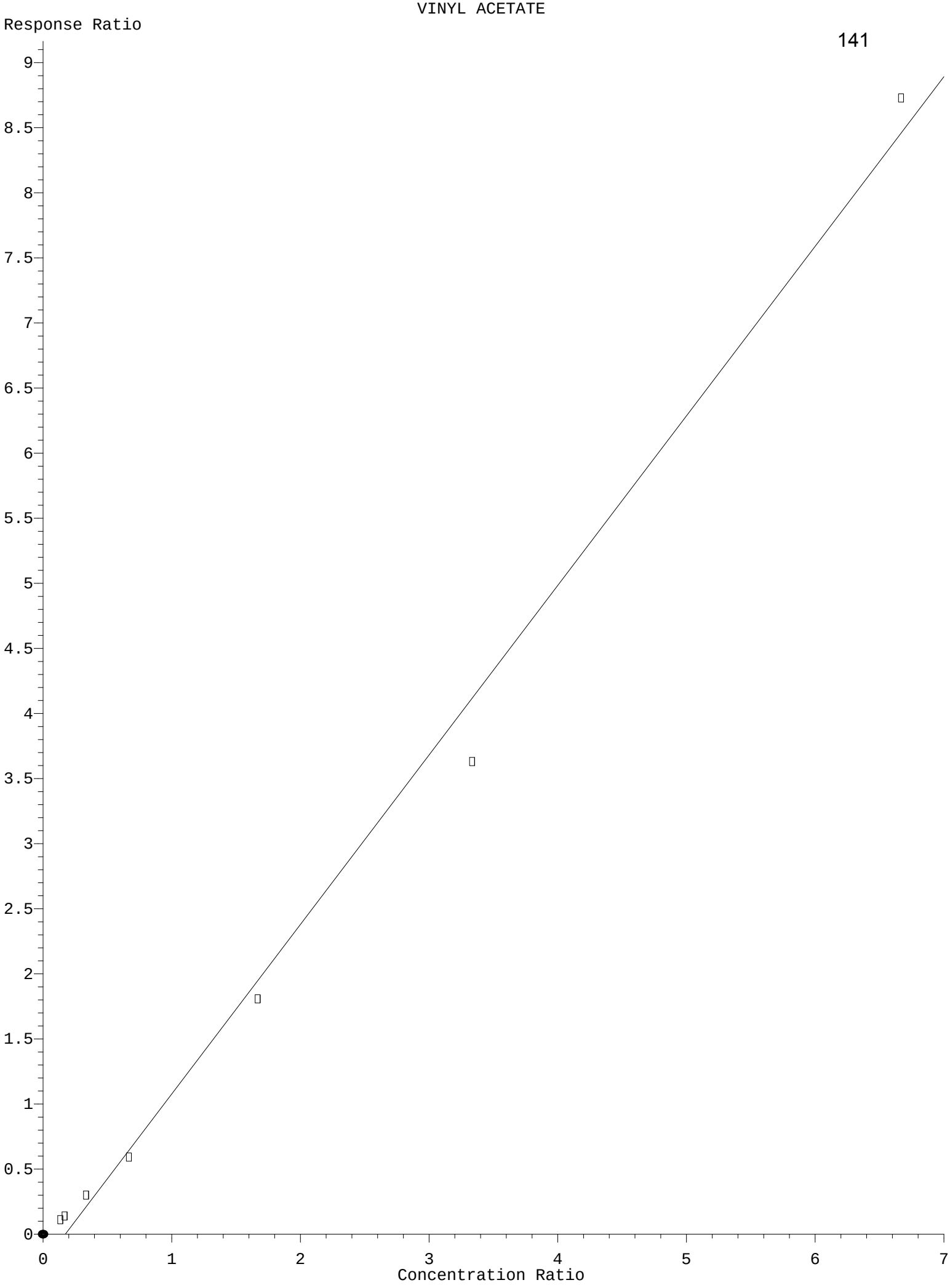

1,1-DICHLOROETHENE
Response Ratio
137
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

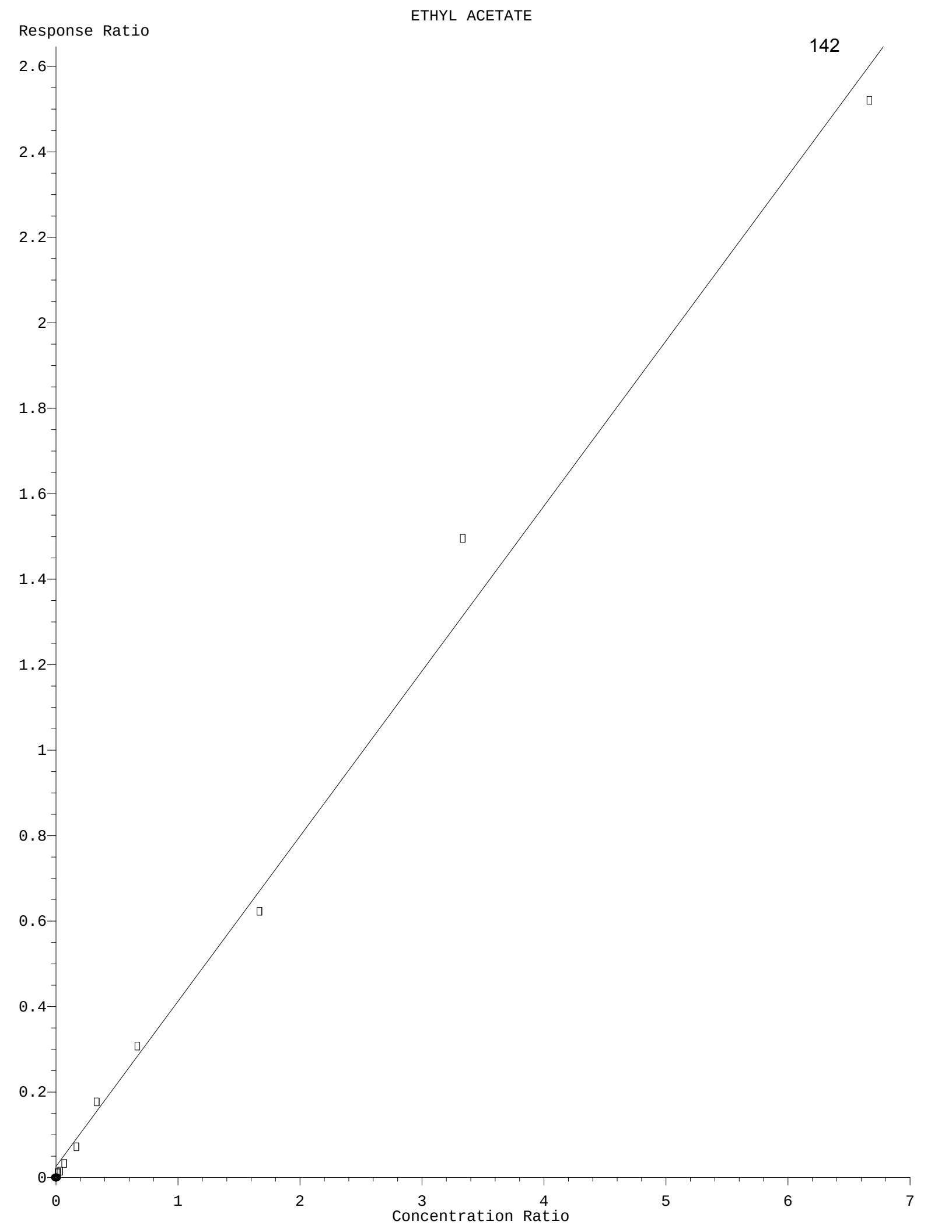

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
138
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

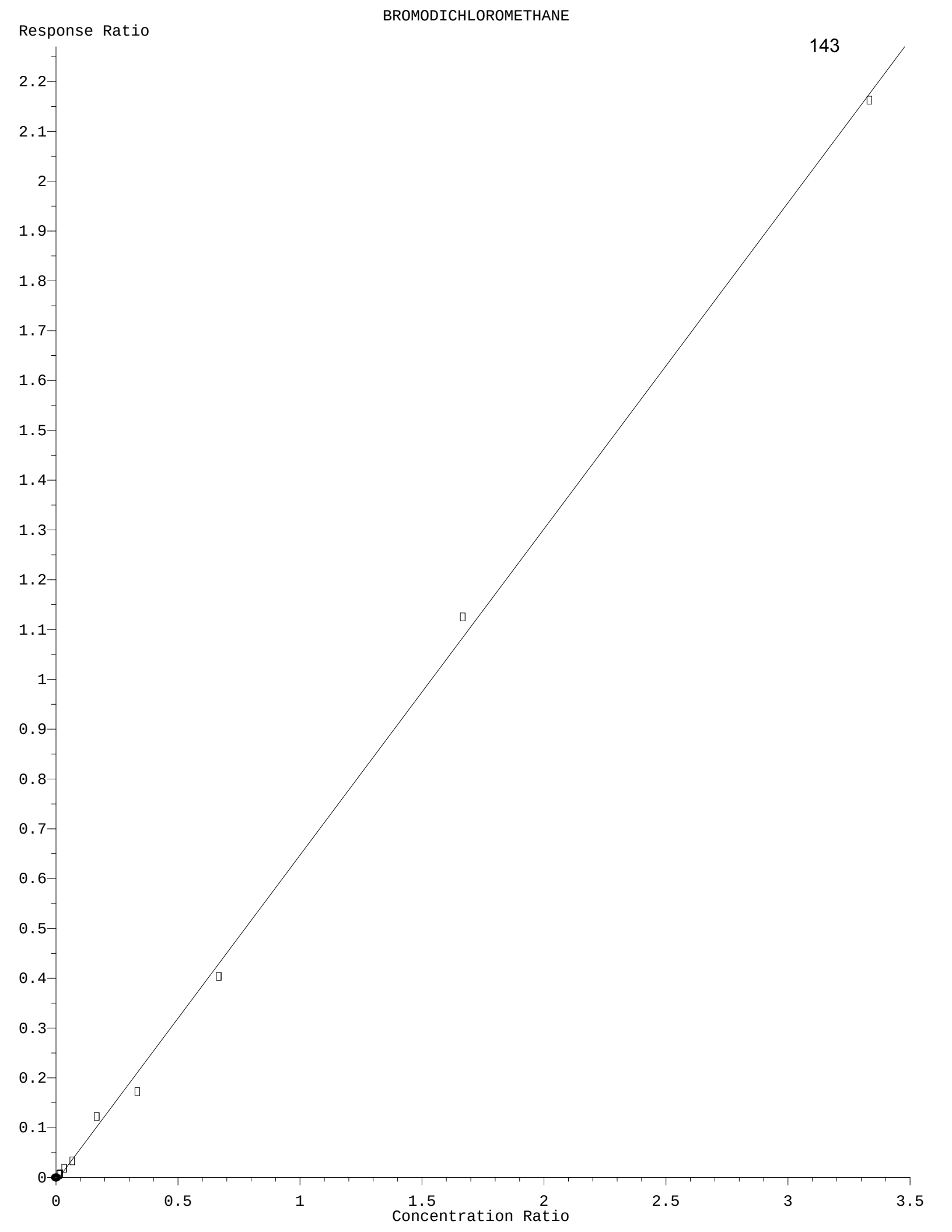

IODOMETHANE
Response Ratio
139
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

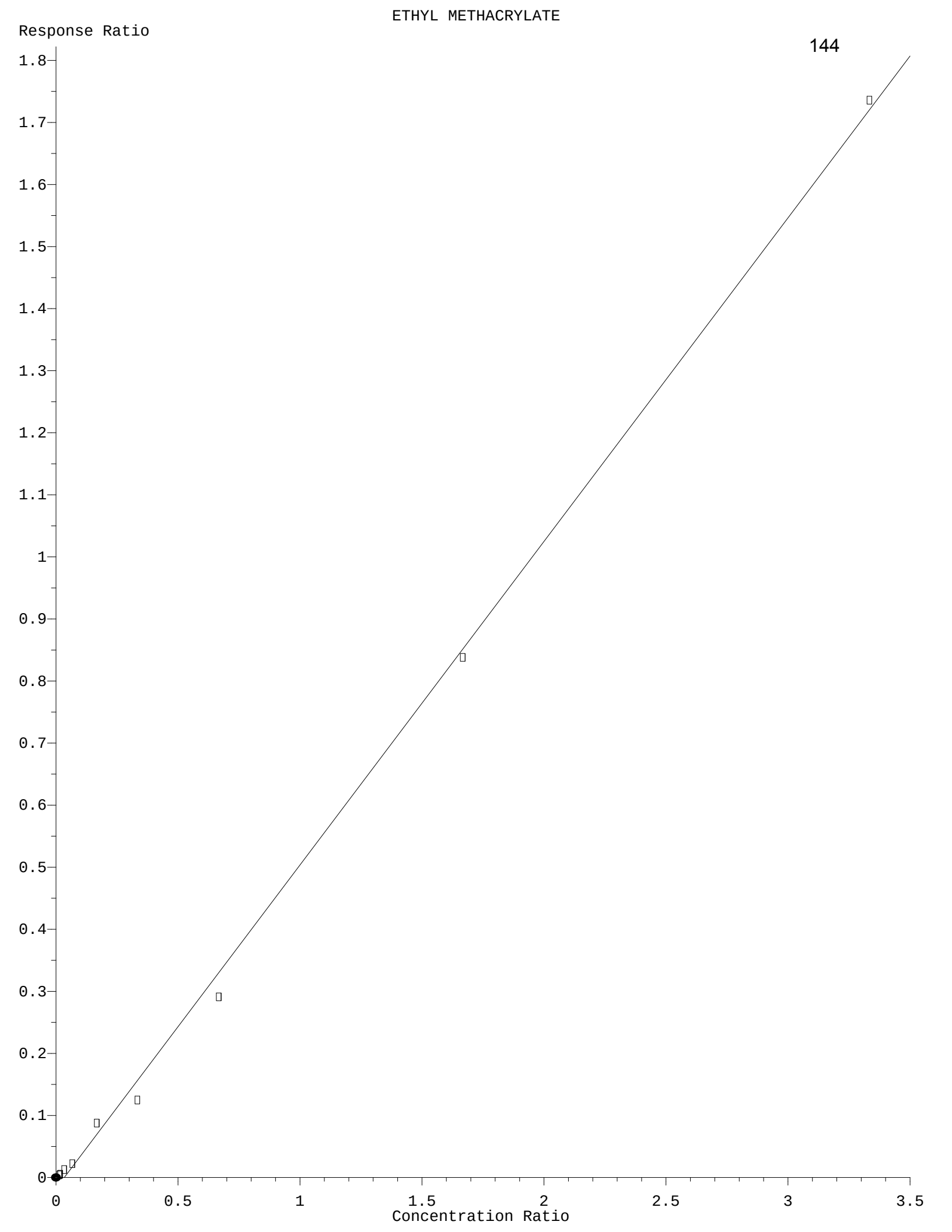

CARBON DISULFIDE
Response Ratio
140
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

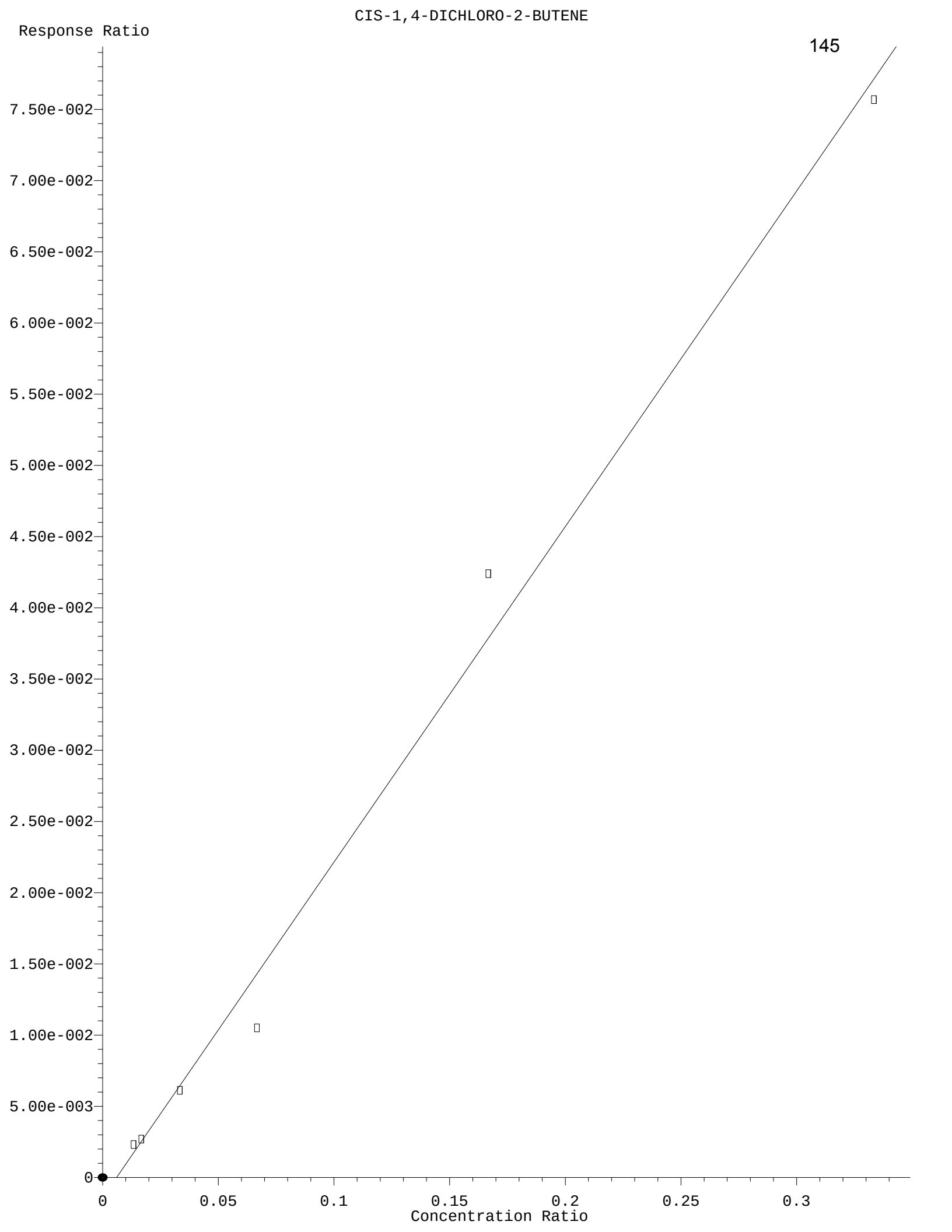
VINYL ACETATE

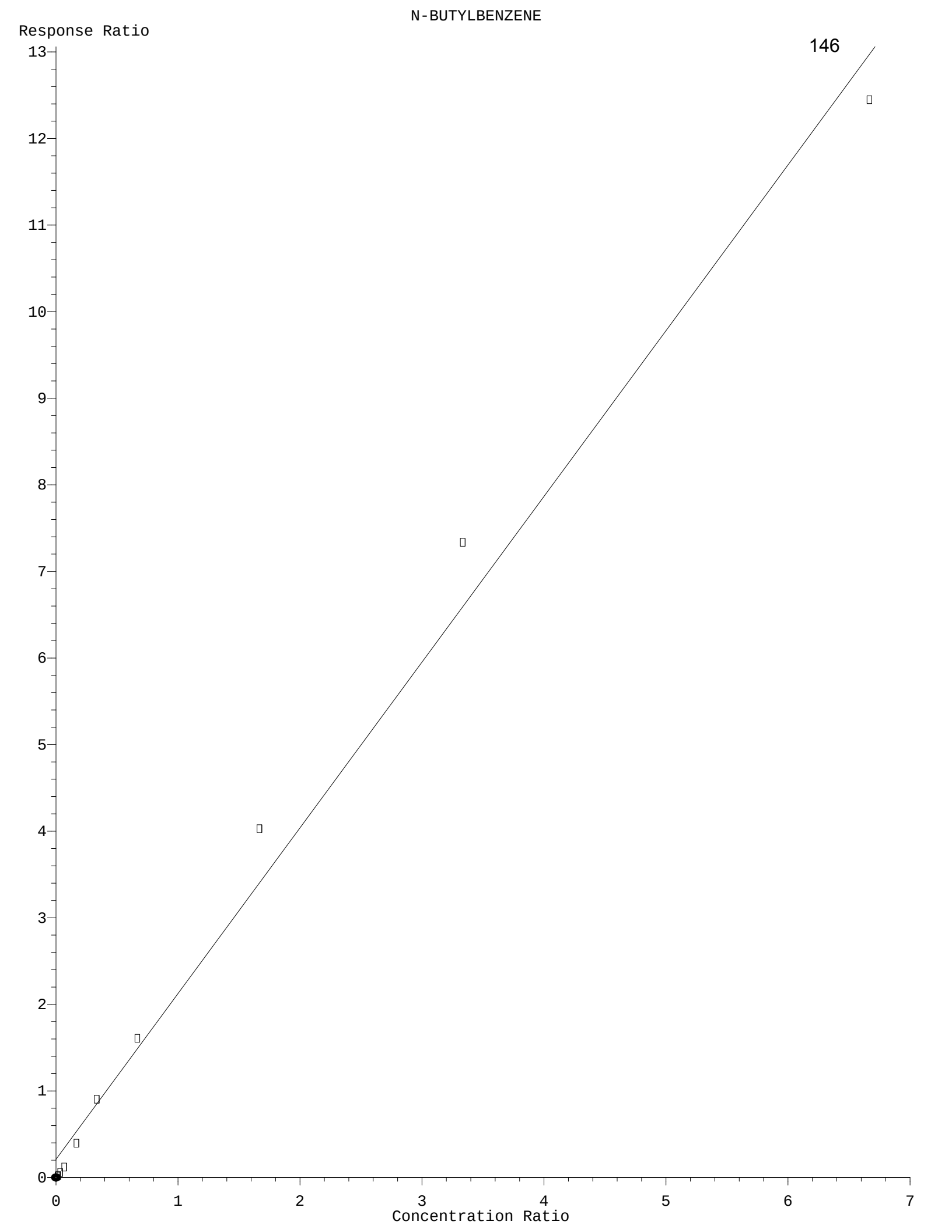


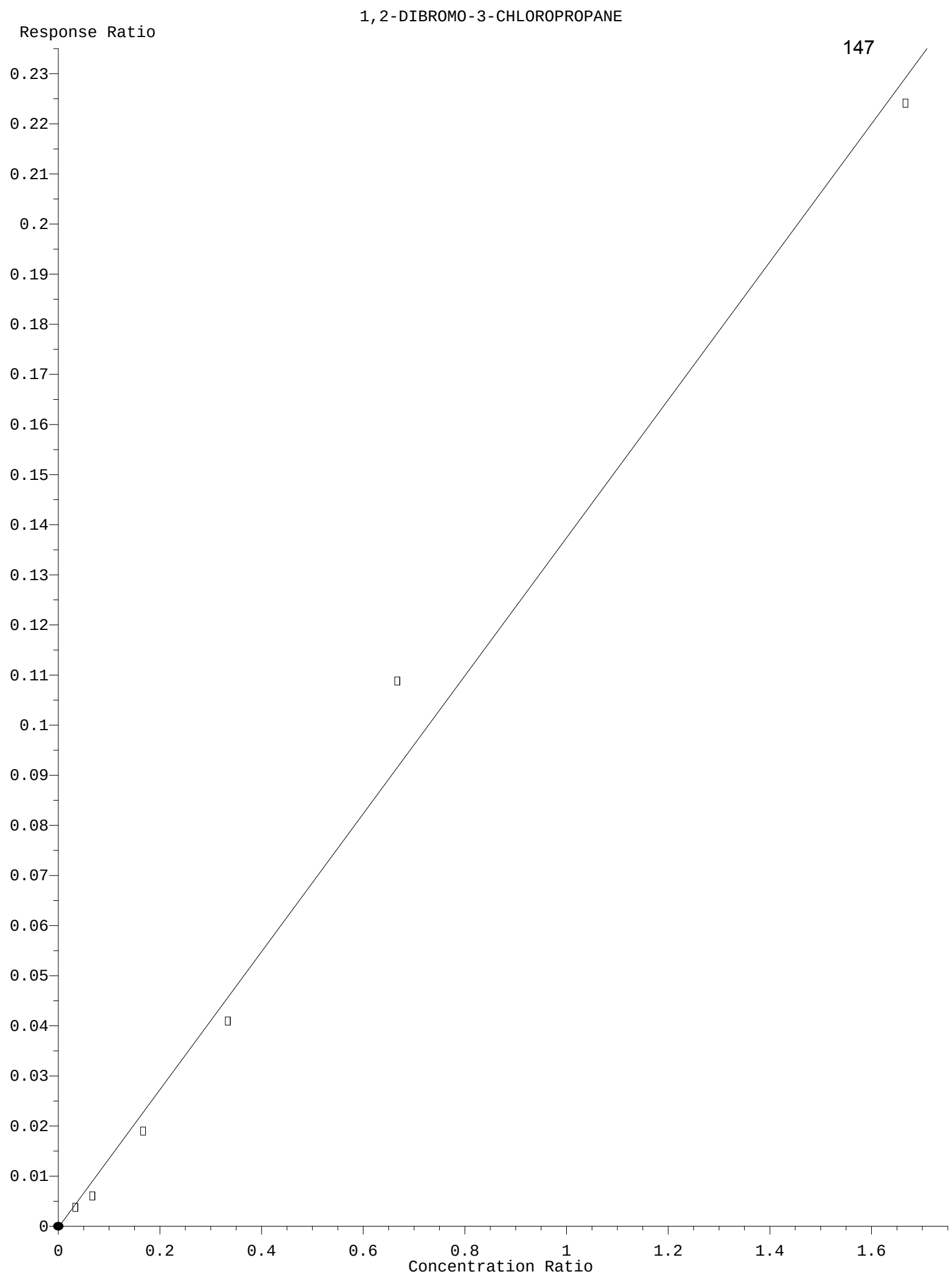

ETHYL ACETATE
Response Ratio
142
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

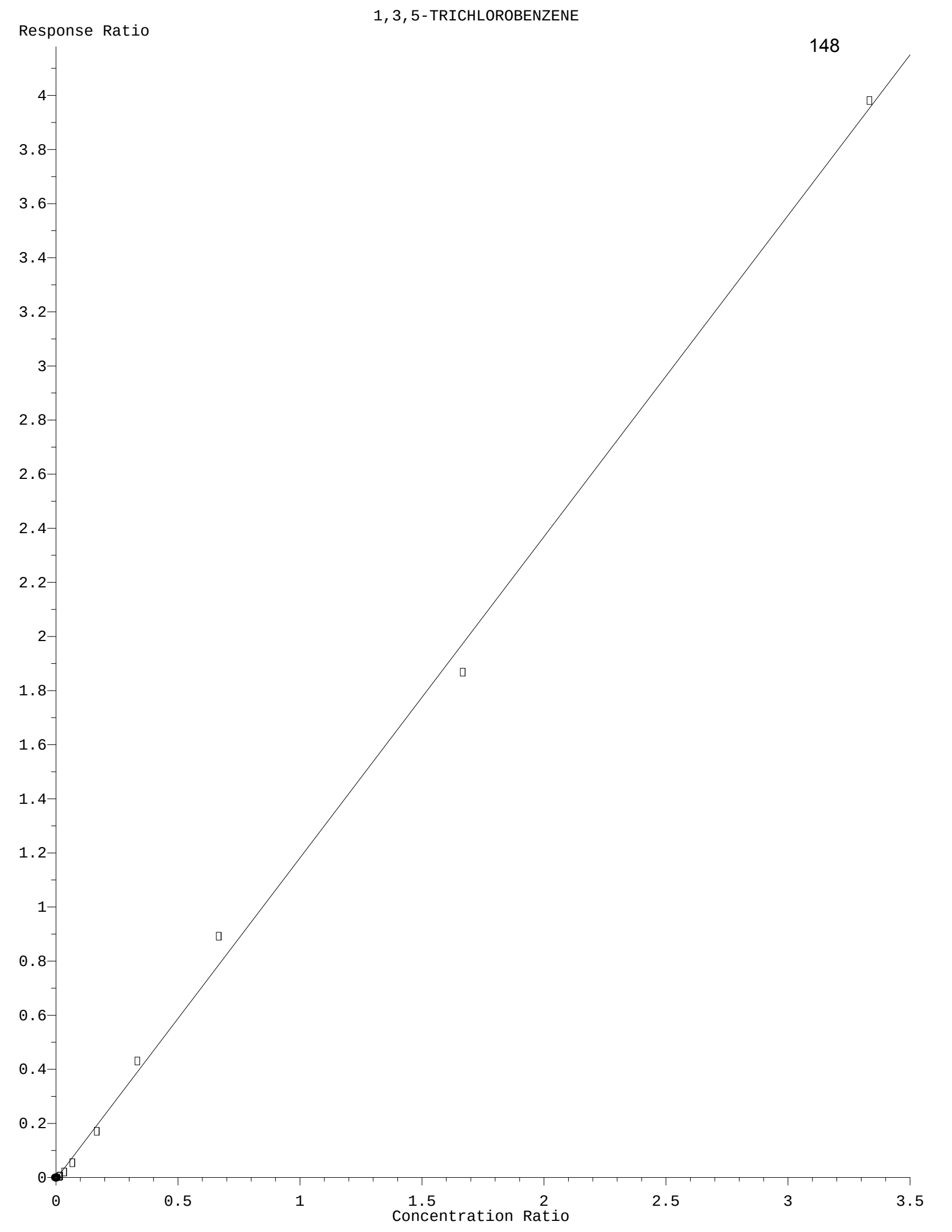

BROMODICHLOROMETHANE
Response Ratio
143
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

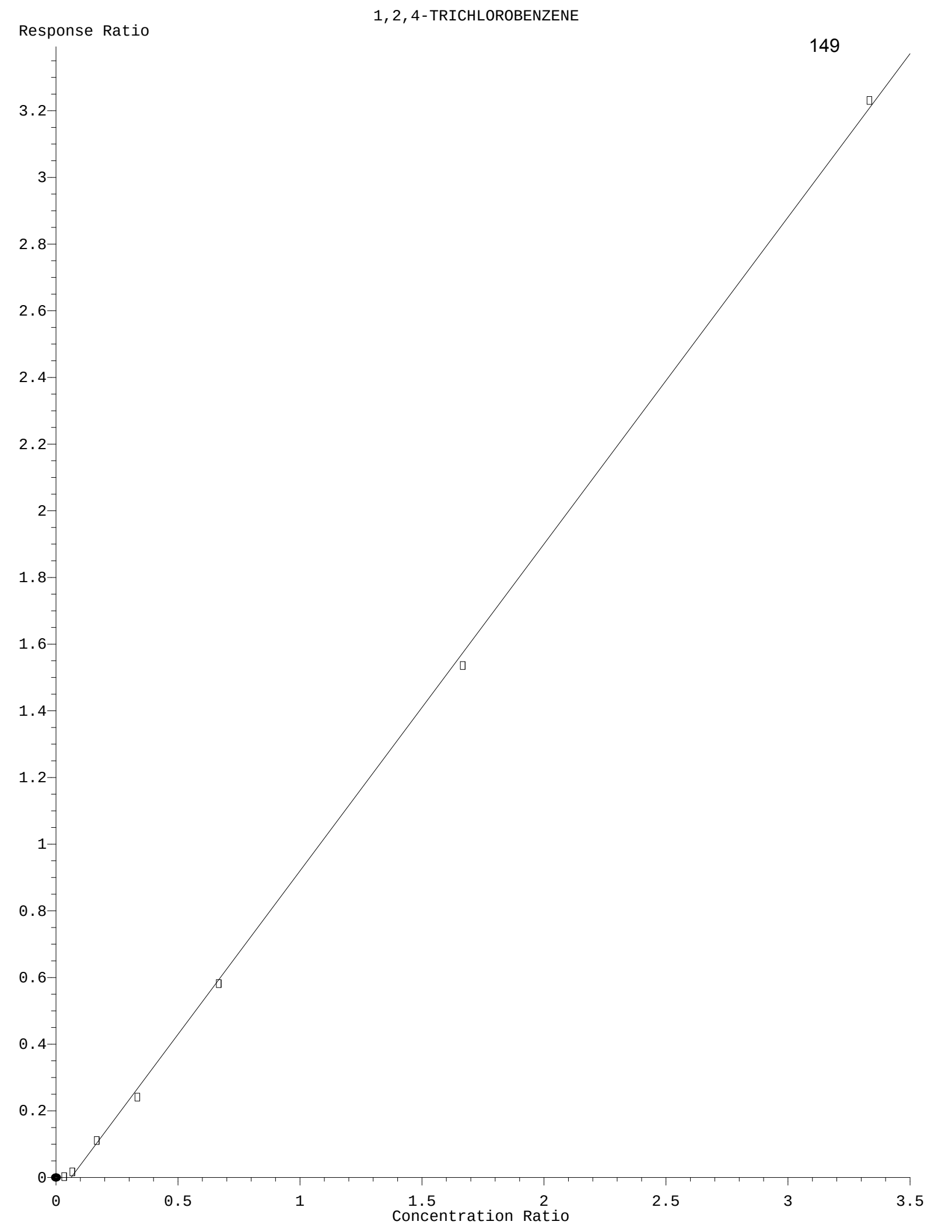

ETHYL METHACRYLATE
Response Ratio
144
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

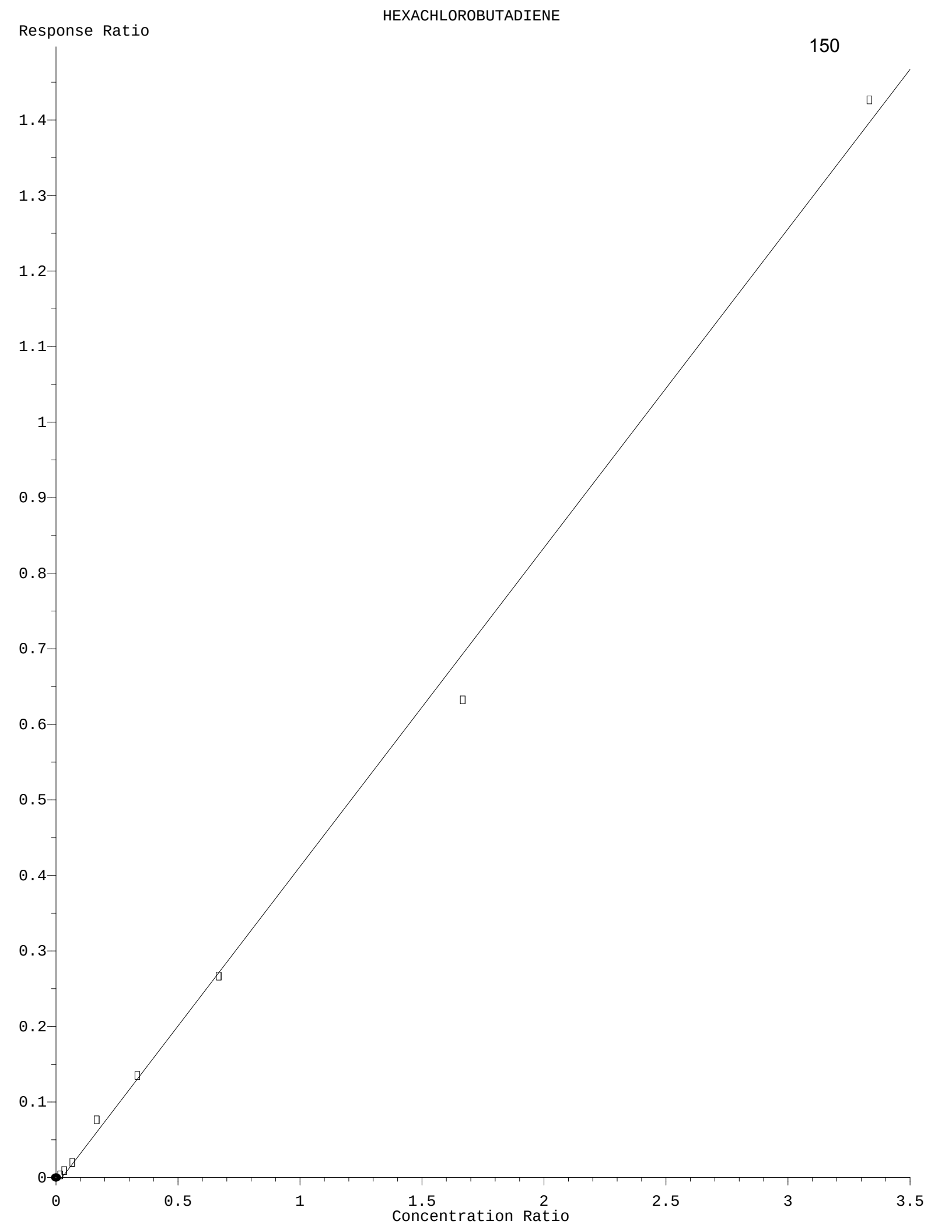

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
145
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

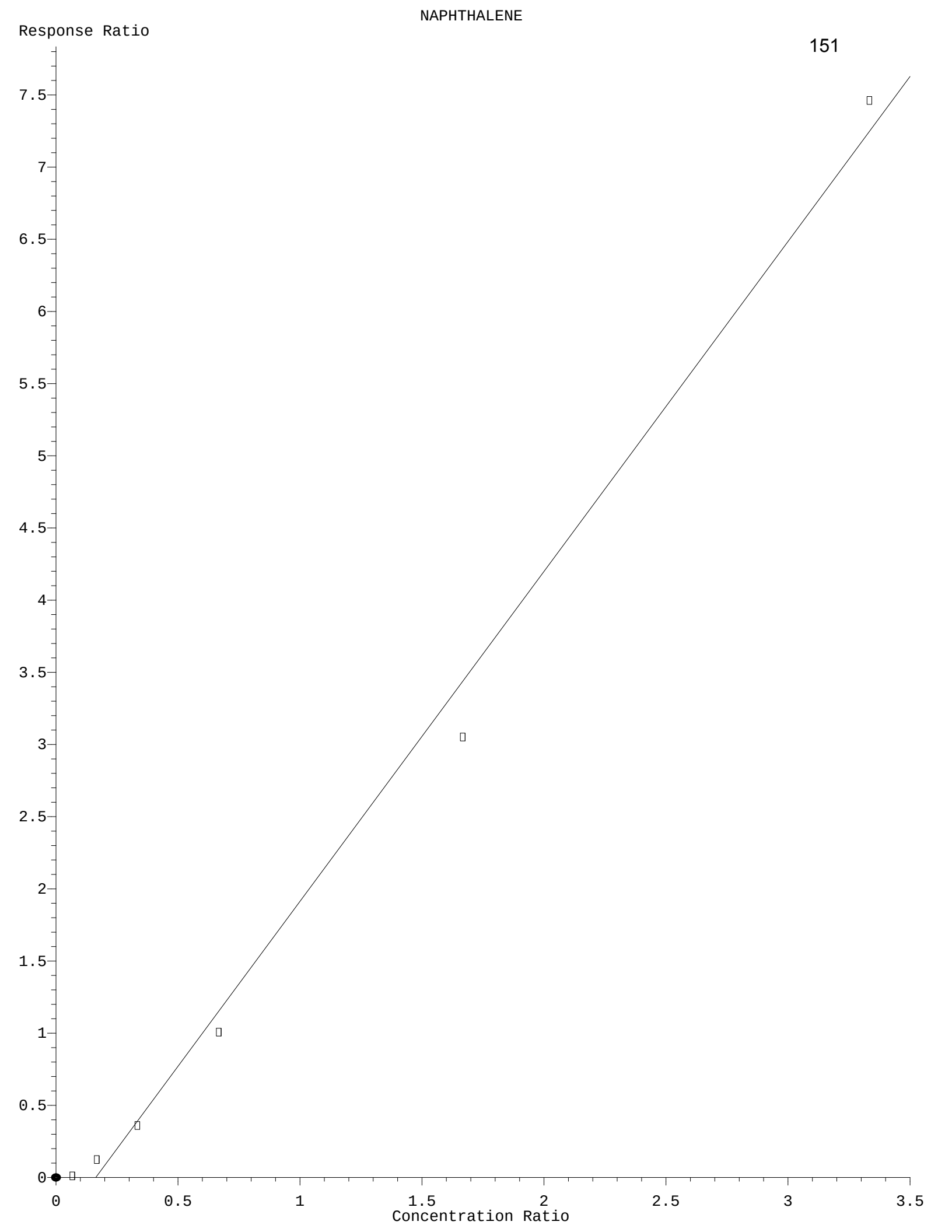

N-BUTYLBENZENE
Response Ratio
146
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio


1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
147
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio

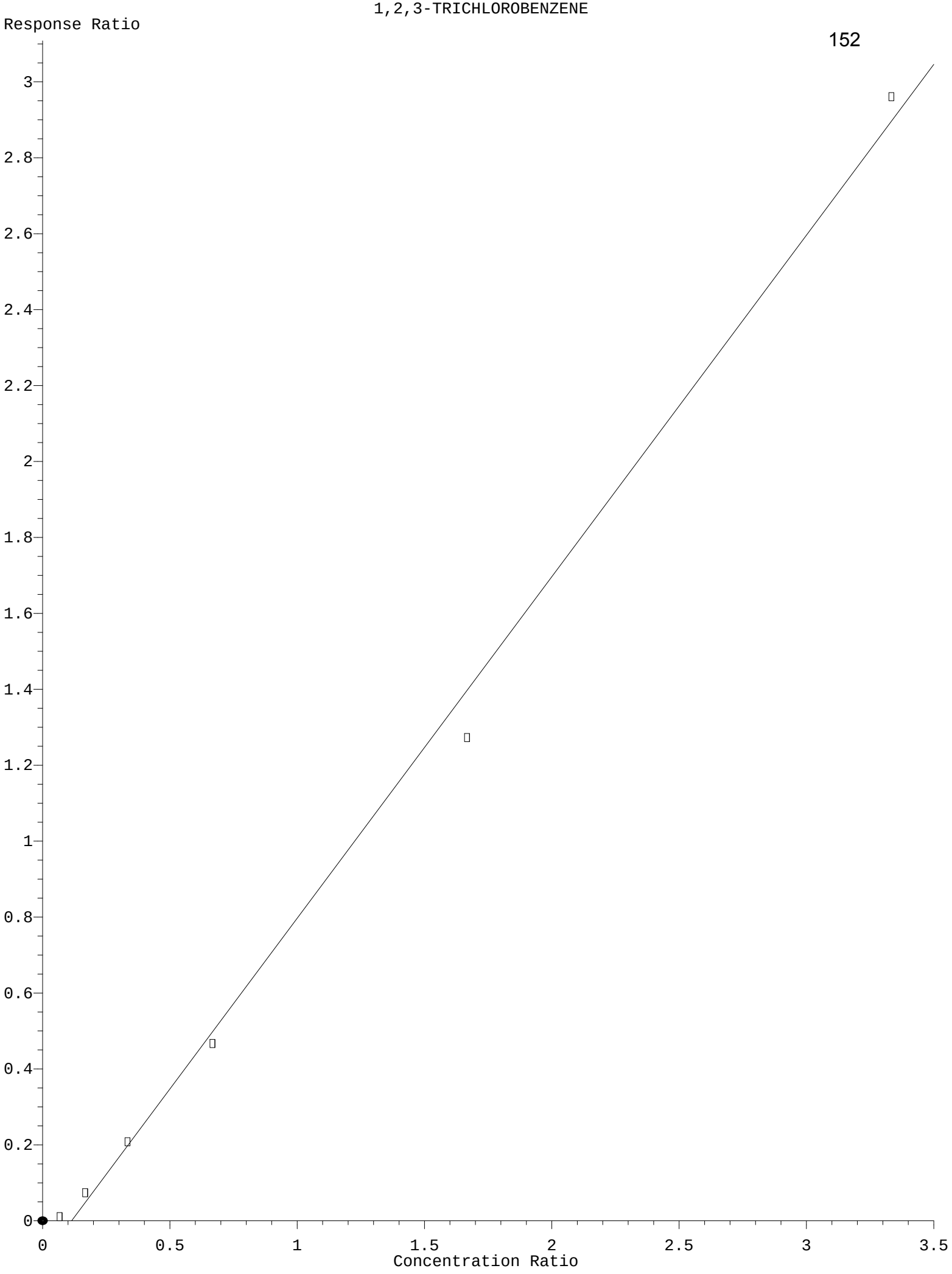

1,3,5-TRICHLOROBENZENE
Response Ratio
148
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
149
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
150
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


NAPHTHALENE
Response Ratio
151
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

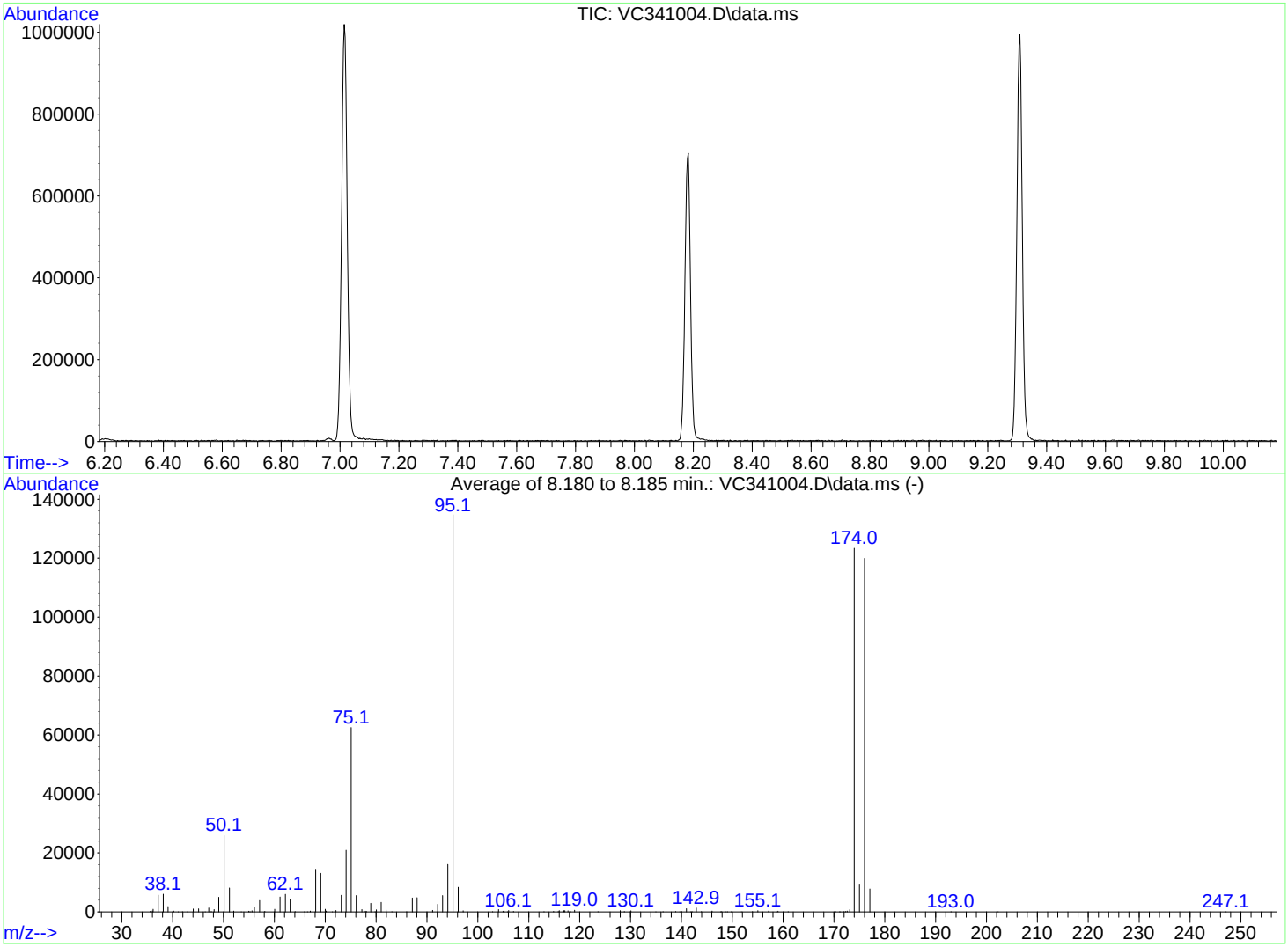
1,2,3-TRICHLOROBENZENE



Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

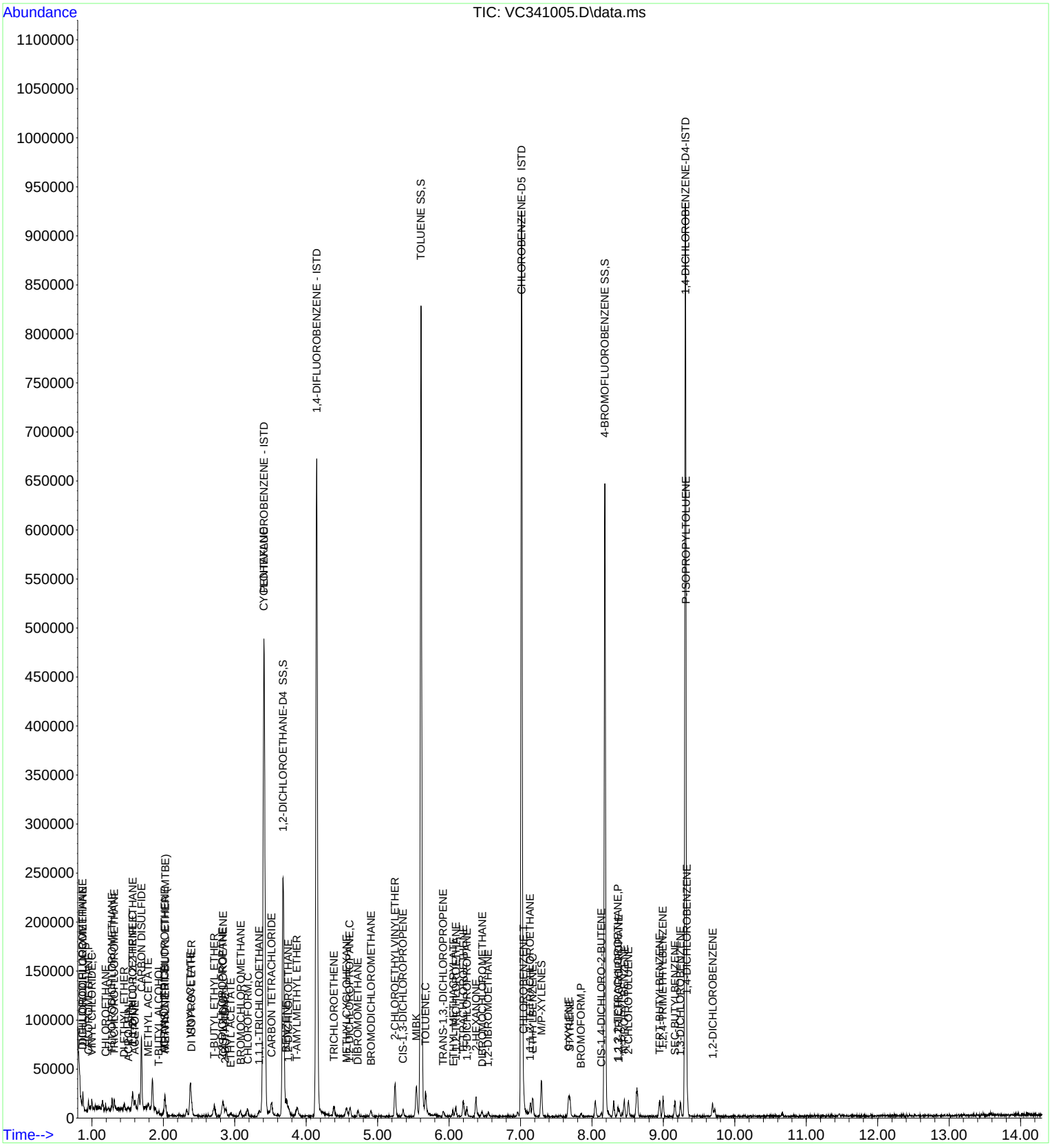
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

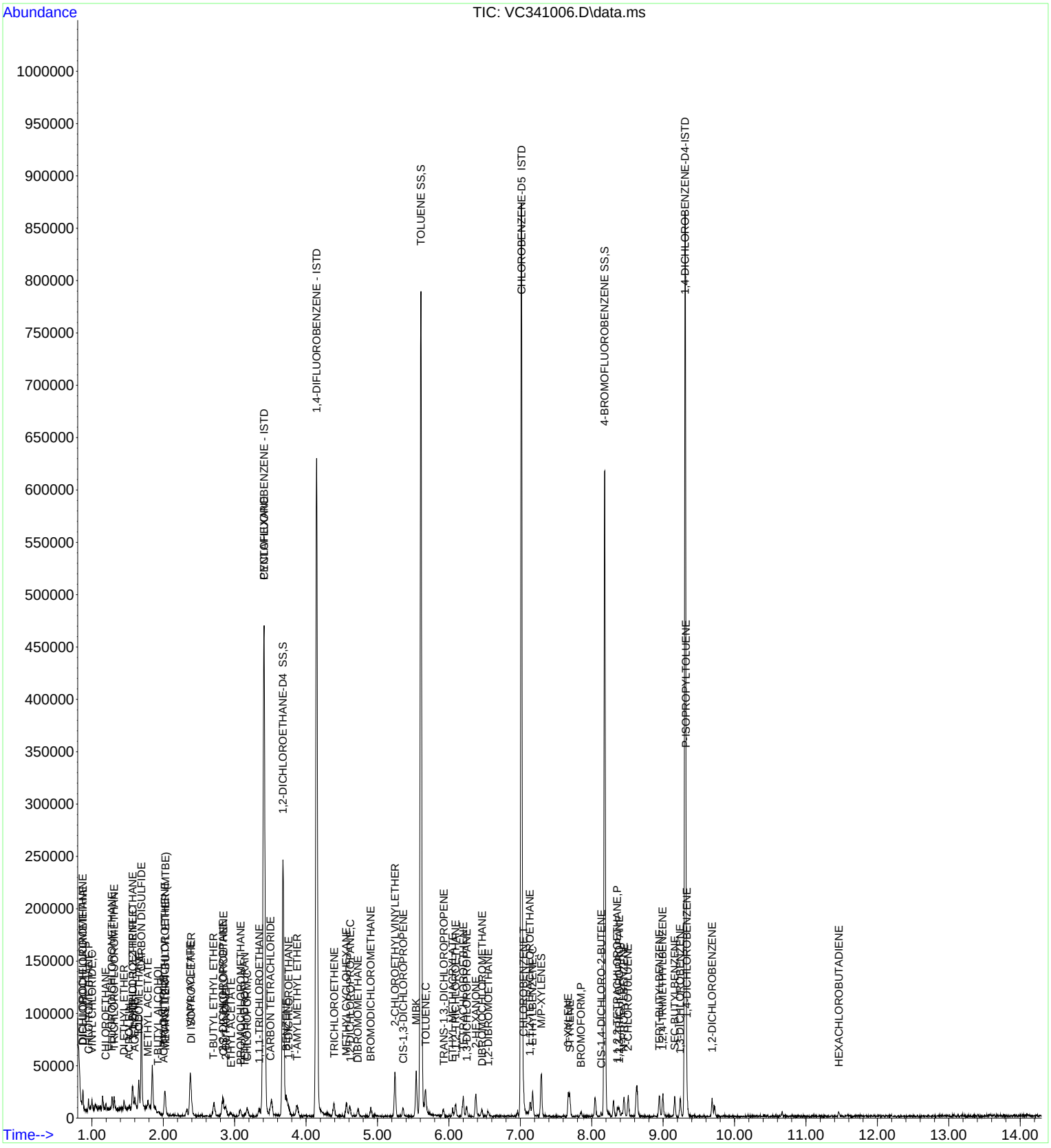
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	23542	4.06 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39 UG/L #	54
61) TOLUENE	5.676	91	12312	0.51 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44 UG/L #	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40 UG/L #	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59 UG/L	96
65) 2-HEXANONE	6.378	43	12753	3.59 UG/L	99
66) TETRACHLOROETHENE	6.203	166	3672	0.57 UG/L #	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39 UG/L	94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44 UG/L #	54
72) CHLOROBENZENE	7.045	112	8368	0.52 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46 UG/L #	90
74) ETHYLBENZENE	7.173	91	13127	0.50 UG/L	98
75) M/P-XYLENES	7.296	91	20611	1.00 UG/L #	60
76) 0-XYLENE	7.670	91	9670	0.44 UG/L	100
77) STYRENE	7.695	104	6941	0.39 UG/L	97
78) BROMOFORM	7.851	173	1534m	0.57 UG/L	
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal #	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal	
83) BROMOBENZENE	8.305	77	4946	Below Cal	95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64 UG/L #	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72 UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal	97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal #	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46 UG/L	98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49 UG/L	98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51 UG/L	95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46 UG/L	97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46 UG/L #	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal	99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

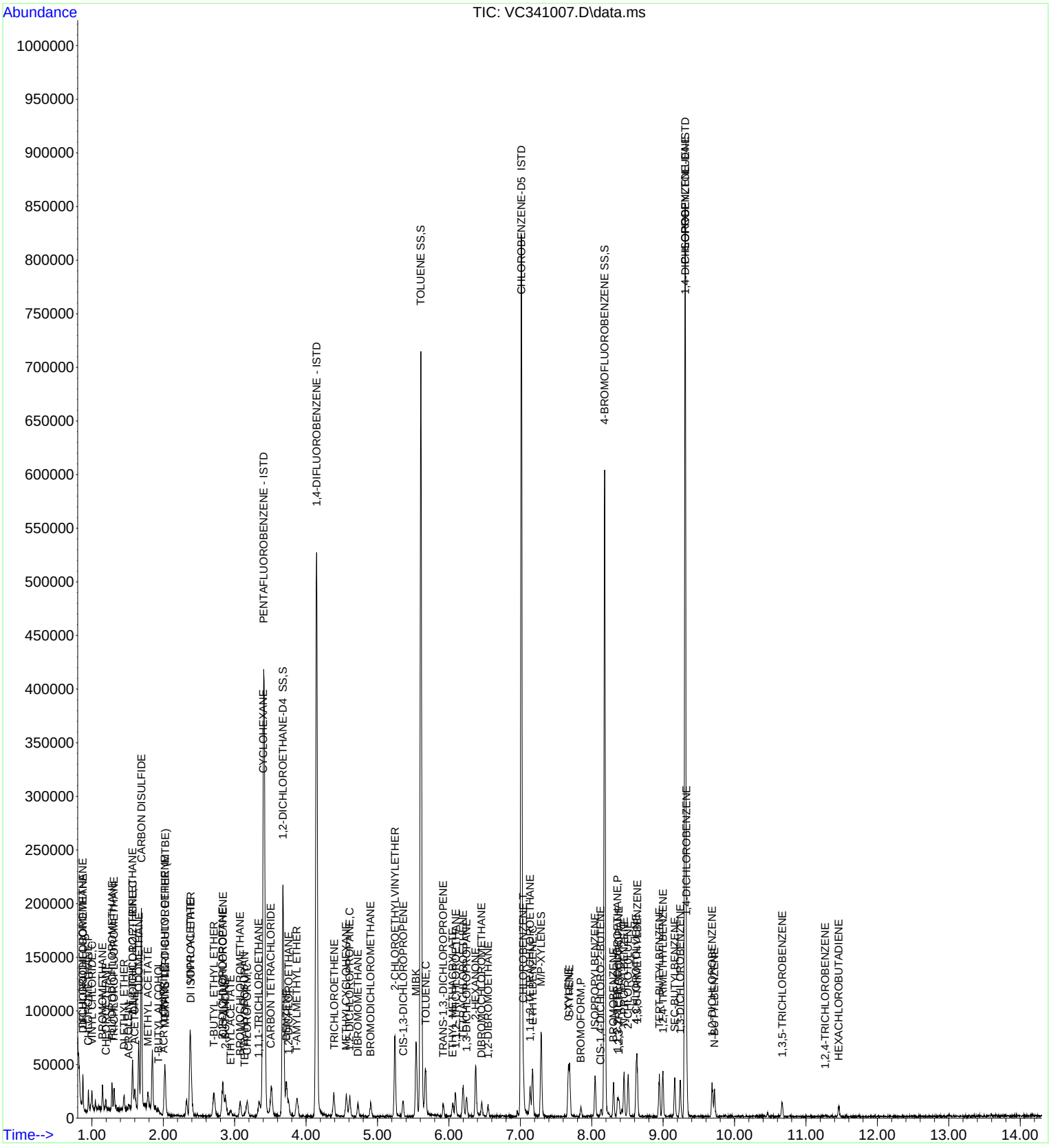
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.539	43	40809	8.40	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88	UG/L	#	88
61)	TOLUENE	5.676	91	24284	1.20	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84	UG/L	#	88
63)	ETHYL METHACRYLATE	6.052	69	4943	0.97	UG/L		90
64)	1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10	UG/L		95
65)	2-HEXANONE	6.373	43	26184	8.79	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	6173	1.14	UG/L		96
67)	1,3-DICHLOROPROPANE	6.247	76	7687	1.07	UG/L		92
68)	DIBROMOCHLOROMETHANE	6.457	129	5427	1.04	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	5031	1.09	UG/L		99
72)	CHLOROBENZENE	7.039	112	15564	1.04	UG/L		93
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98	UG/L	#	87
74)	ETHYLBENZENE	7.173	91	25834	1.06	UG/L		99
75)	M/P-XYLENES	7.290	91	38769	2.03	UG/L		99
76)	0-XYLENE	7.672	91	20717	1.00	UG/L		100
77)	STYRENE	7.689	104	15624	0.94	UG/L		100
78)	BROMOFORM	7.845	173	3103	0.90	UG/L	#	92
79)	ISOPROPYLBENZENE	8.046	105	19279	0.19	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71	UG/L		
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51	UG/L	#	94
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal		#	28
83)	BROMOBENZENE	8.303	77	9273	0.23	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88	UG/L	#	82
85)	N-PROPYLBENZENE	8.453	91	24934	1.02	UG/L		95
86)	2-CHLOROT0LUENE	8.509	91	17492	1.10	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33	UG/L		94
88)	4-CHLOROTOLUENE	8.620	91	18587	0.04	UG/L		92
90)	TERT-BUTYLBENZENE	8.947	119	14325	0.98	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	19799	1.00	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	10801	1.01	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.312	119	16042	1.01	UG/L	#	94
95)	1,4-DICHLOROBENZENE	9.326	146	11414	1.05	UG/L	#	92
96)	N-BUTYLBENZENE	9.716	91	10714	0.40	UG/L		94
97)	1,2-DICHLOROBENZENE	9.686	146	10590	1.07	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal		#	1
99)	1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28	UG/L		91
100)	1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66	UG/L		
101)	HEXACHLOROBUTADIENE	11.459	225	1689	0.79	UG/L	#	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

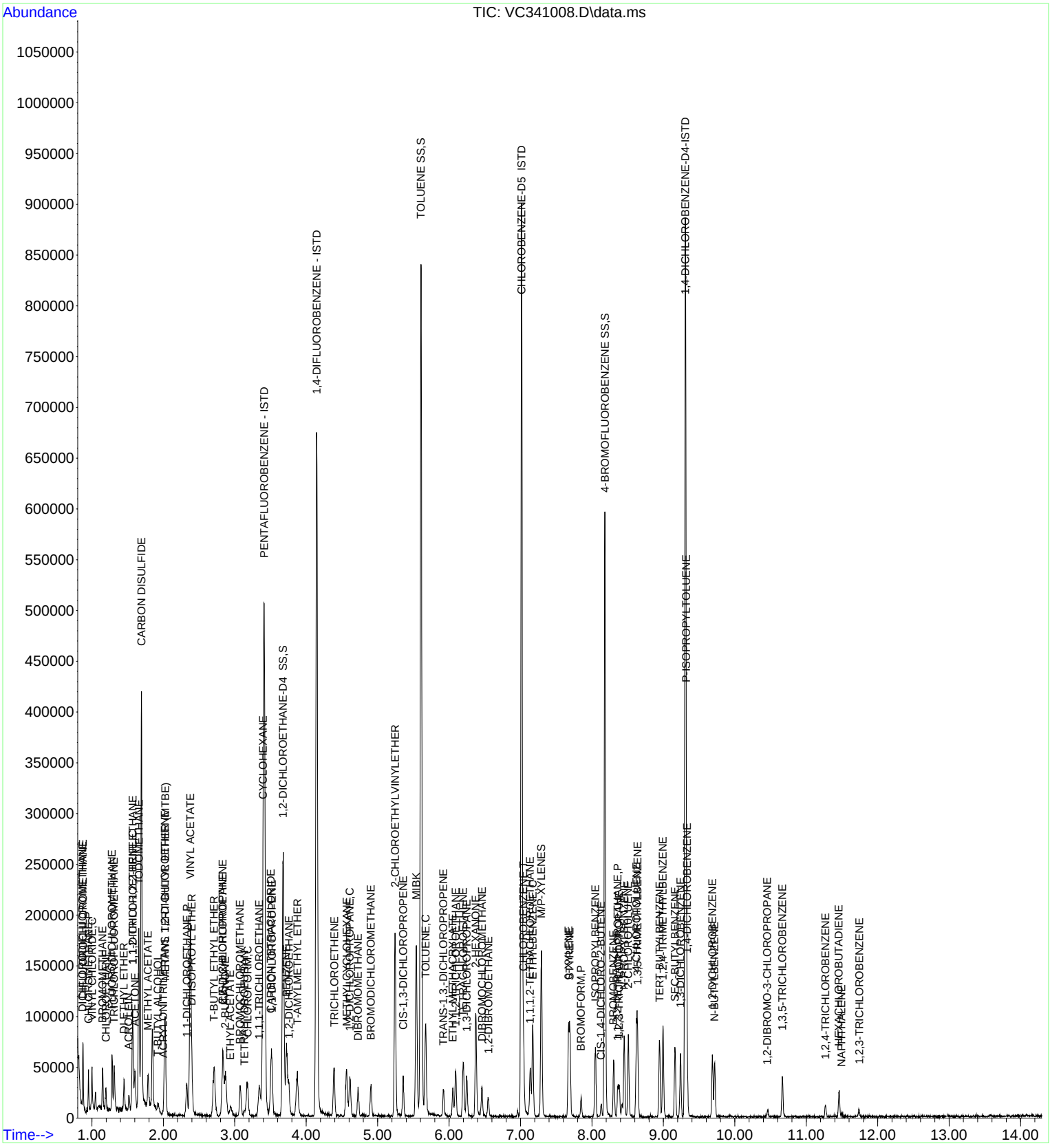
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	16634	1.81	UG/L		98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91	UG/L		93
59)	MIBK	5.542	43	101794	16.29	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64	UG/L		96
61)	TOLUENE	5.673	91	51773	1.98	UG/L		98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64	UG/L	#	76
63)	ETHYL METHACRYLATE	6.052	69	11079	1.69	UG/L	#	84
64)	1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94	UG/L		96
65)	2-HEXANONE	6.373	43	56930	14.85	UG/L		96
66)	TETRACHLOROETHENE	6.197	166	12886	1.84	UG/L		94
67)	1,3-DICHLOROPROPANE	6.248	76	17727	1.91	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	12014	1.80	UG/L		92
69)	1,2-DIBROMOETHANE	6.551	107	9670	1.63	UG/L		92
72)	CHLOROBENZENE	7.040	112	30658	1.90	UG/L	#	88
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89	UG/L		93
74)	ETHYLBENZENE	7.171	91	52635	1.99	UG/L		99
75)	M/P-XYLENES	7.290	91	82345	3.98	UG/L		97
76)	0-XYLENE	7.673	91	40165	1.80	UG/L		98
77)	STYRENE	7.689	104	31638	1.76	UG/L		98
78)	BROMOFORM	7.848	173	6859	1.54	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	38463	0.94	UG/L		98
80)	CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03	UG/L	#	65
81)	1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05	UG/L		92
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal		#	61
83)	BROMOBENZENE	8.300	77	18245	0.98	UG/L		95
84)	1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44	UG/L		99
85)	N-PROPYLBENZENE	8.451	91	49083	1.49	UG/L		97
86)	2-CHLOROT0LUENE	8.509	91	34123	1.64	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12	UG/L		96
88)	4-CHLOROTOLUENE	8.623	91	35963	0.80	UG/L		100
90)	TERT-BUTYLBENZENE	8.950	119	29684	1.94	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01	UG/L		100
92)	SEC-BUTYLBENZENE	9.162	105	40682	1.96	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	20624	1.84	UG/L		97
94)	P-ISOPROPYLTOLUENE	9.321	119	33336	2.00	UG/L		96
95)	1,4-DICHLOROBENZENE	9.332	146	21475	1.88	UG/L		97
96)	N-BUTYLBENZENE	9.714	91	23493	1.26	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	21255	2.05	UG/L		97
98)	1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17	UG/L		92
99)	1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14	UG/L		95
101)	HEXACHLOROBUTADIENE	11.457	225	3869	1.72	UG/L		89
102)	NAPHTHALENE	11.496	128	2199m	1.47	UG/L		
103)	1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11	UG/L		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341008.D
Acq On : 7 Dec 2011 2:43 pm
Sample : 8260 STD 2.0 PPB
Misc :
Quant Time: Dec 08 07:14:55 2011

Vial: 8
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

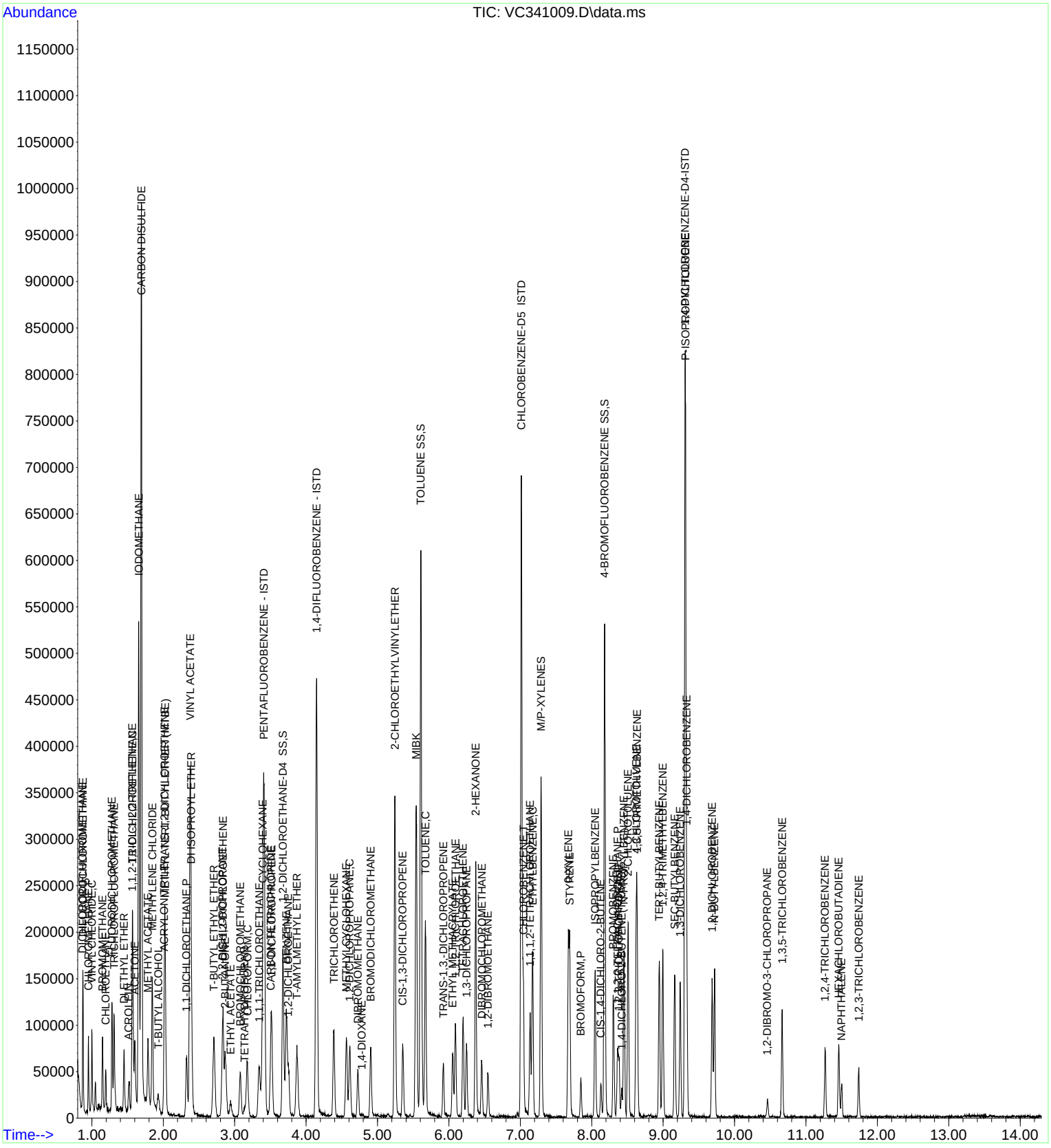
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58)	2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59)	MIBK	5.542	43	201766	47.39	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61)	TOLUENE	5.670	91	118530	6.66	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63)	ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64)	1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65)	2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66)	TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67)	1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68)	DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69)	1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72)	CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74)	ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75)	M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76)	0-XYLENE	7.673	91	85379	5.03	UG/L		99
77)	STYRENE	7.692	104	68745	5.03	UG/L		98
78)	BROMOFORM	7.845	173	15202	3.93	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83)	BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85)	N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92)	SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93)	1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94)	P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95)	1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96)	N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99)	1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102)	NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

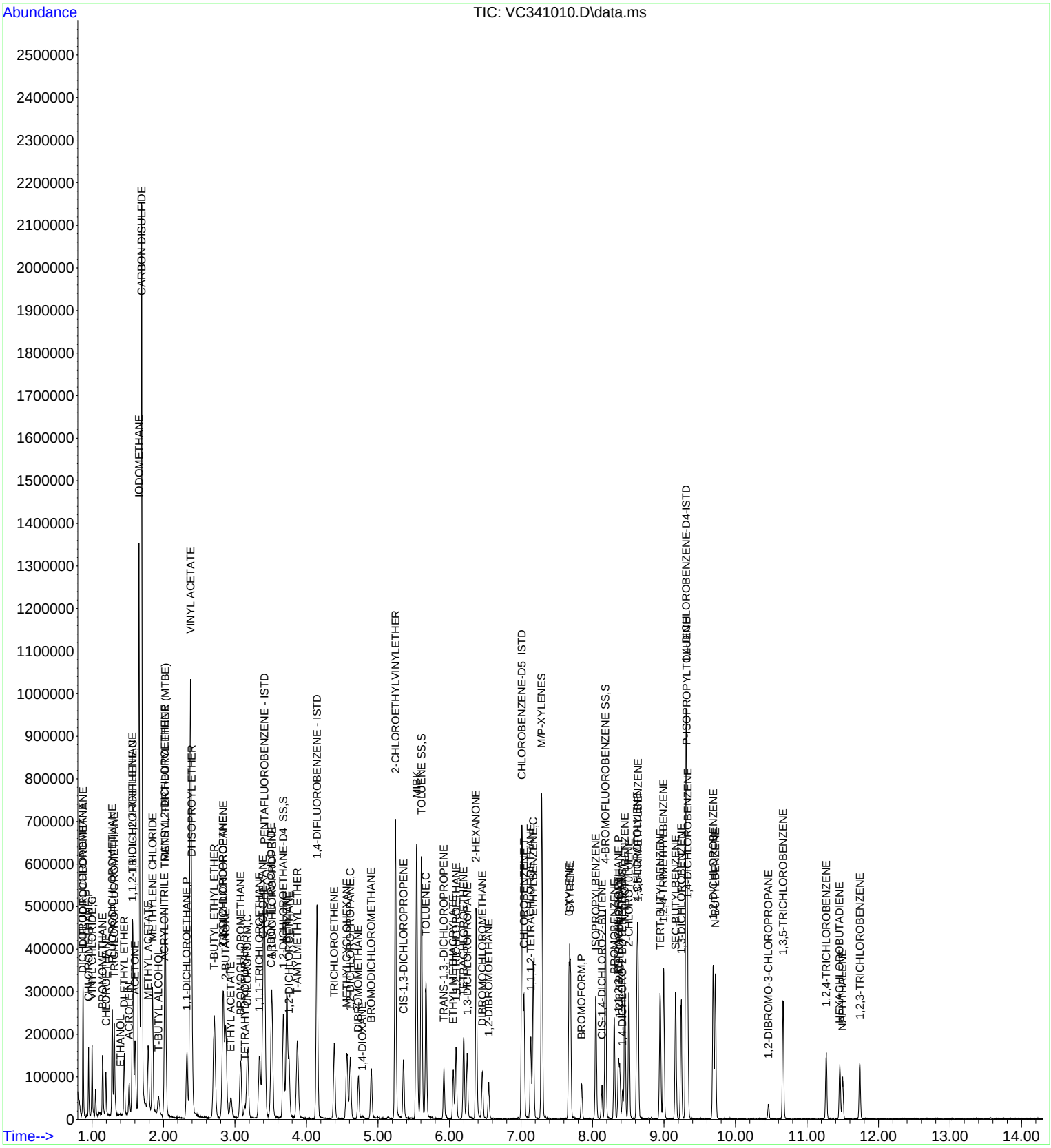
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59) MIBK	5.542	43	375300	82.81	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61) TOLUENE	5.670	91	192432	10.17	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63) ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64) 1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65) 2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66) TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67) 1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68) DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69) 1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72) CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74) ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75) M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76) 0-XYLENE	7.672	91	169447	9.82	UG/L	98
77) STYRENE	7.689	104	136752	9.83	UG/L	99
78) BROMOFORM	7.845	173	30955	7.59	UG/L	96
79) ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83) BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85) N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86) 2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88) 4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92) SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93) 1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95) 1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96) N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97) 1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99) 1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100) 1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101) HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102) NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

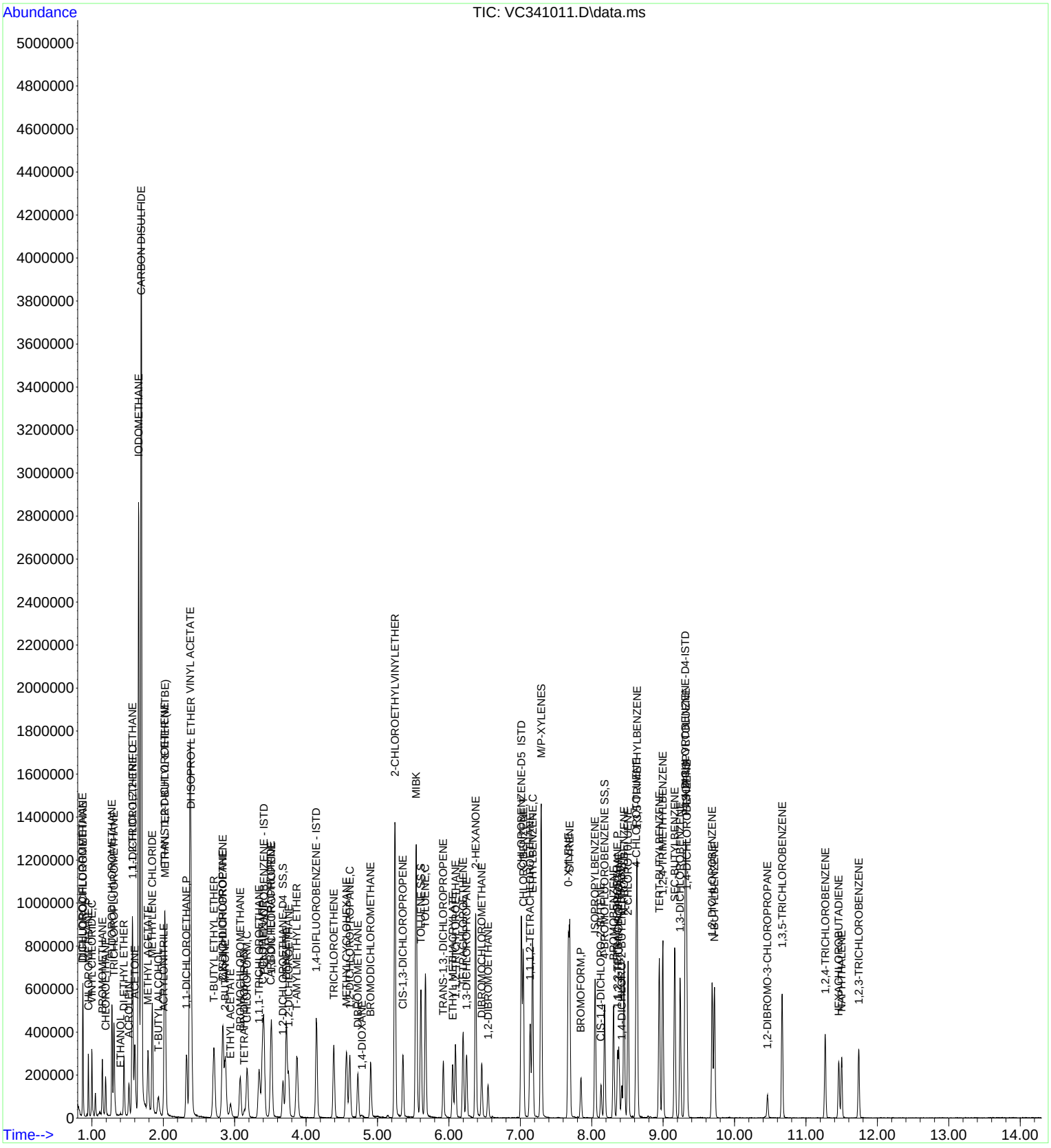
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

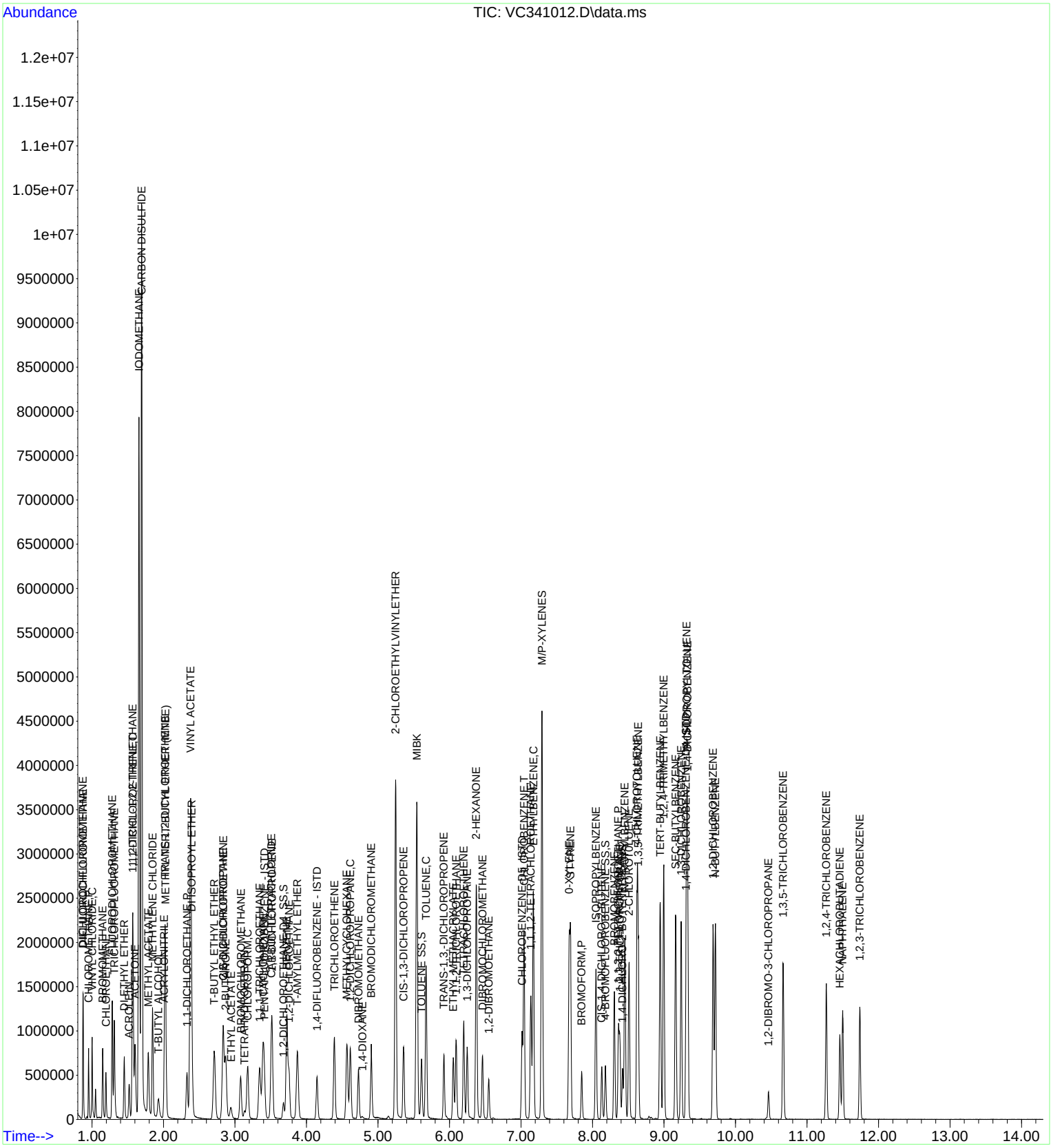
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53	UG/L	93
59) MIBK	5.545	43	2107851	494.16	UG/L	96
60) CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53	UG/L	99
61) TOLUENE	5.673	91	1033903	58.03	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97	UG/L	98
63) ETHYL METHACRYLATE	6.052	69	285358	63.64	UG/L	87
64) 1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89	UG/L	99
65) 2-HEXANONE	6.373	43	1457360	556.88	UG/L	95
66) TETRACHLOROETHENE	6.200	166	273504	57.34	UG/L	99
67) 1,3-DICHLOROPROPANE	6.247	76	361869	57.15	UG/L	99
68) DIBROMOCHLOROMETHANE	6.462	129	304358	66.64	UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	234666	58.06	UG/L	99
72) CHLOROBENZENE	7.042	112	935701	53.55	UG/L	99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18	UG/L	98
74) ETHYLBENZENE	7.173	91	1565945	54.65	UG/L	99
75) M/P-XYLENES	7.293	91	2274158	101.49	UG/L	100
76) 0-XYLENE	7.672	91	949910	39.24	UG/L	100
77) STYRENE	7.692	104	780174	40.00	UG/L	100
78) BROMOFORM	7.848	173	197931	33.57	UG/L	99
79) ISOPROPYLBENZENE	8.049	105	953251	37.20	UG/L	99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16	UG/L	97
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38	UG/L	98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54	UG/L	96
83) BROMOBENZENE	8.305	77	470570	38.89	UG/L	100
84) 1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31	UG/L	98
85) N-PROPYLBENZENE	8.450	91	1461279	29.20	UG/L	100
86) 2-CHLOROT0LUENE	8.512	91	837389	27.61	UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08	UG/L	99
88) 4-CHLOROTOLUENE	8.620	91	1050906	45.81	UG/L	99
90) TERT-BUTYLBENZENE	8.947	119	1038769	50.80	UG/L	99
91) 1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75	UG/L	100
92) SEC-BUTYLBENZENE	9.161	105	1412416	50.94	UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	745529	49.83	UG/L	98
94) P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50	UG/L	99
95) 1,4-DICHLOROBENZENE	9.329	146	775220	50.71	UG/L	99
96) N-BUTYLBENZENE	9.719	91	1047148	54.71	UG/L	99
97) 1,2-DICHLOROBENZENE	9.686	146	735254	53.00	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76	UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50	UG/L	99
101) HEXACHLOROBUTADIENE	11.459	225	164356	54.72	UG/L	100
102) NAPHTHALENE	11.498	128	793281	50.05	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341012.D
Acq On : 7 Dec 2011 4:44 pm
Sample : 8260 STD 50 PPB
Misc :
Quant Time: Dec 08 07:25:01 2011

Vial: 12
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

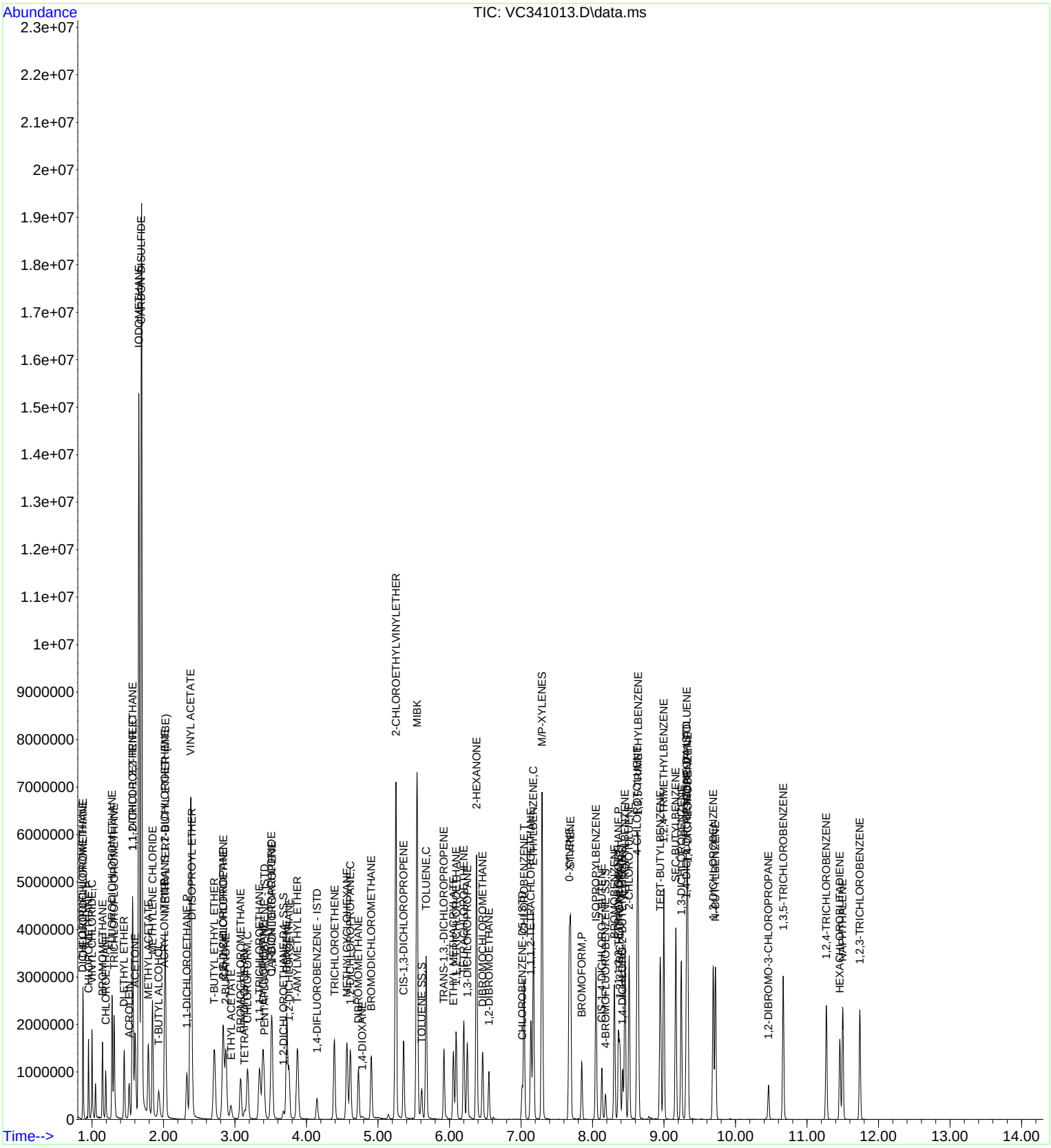
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D
Acq On : 7 Dec 2011 5:14 pm
Sample : 8260 STD 100 PPB
Misc :
Quant Time: Dec 08 07:29:22 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

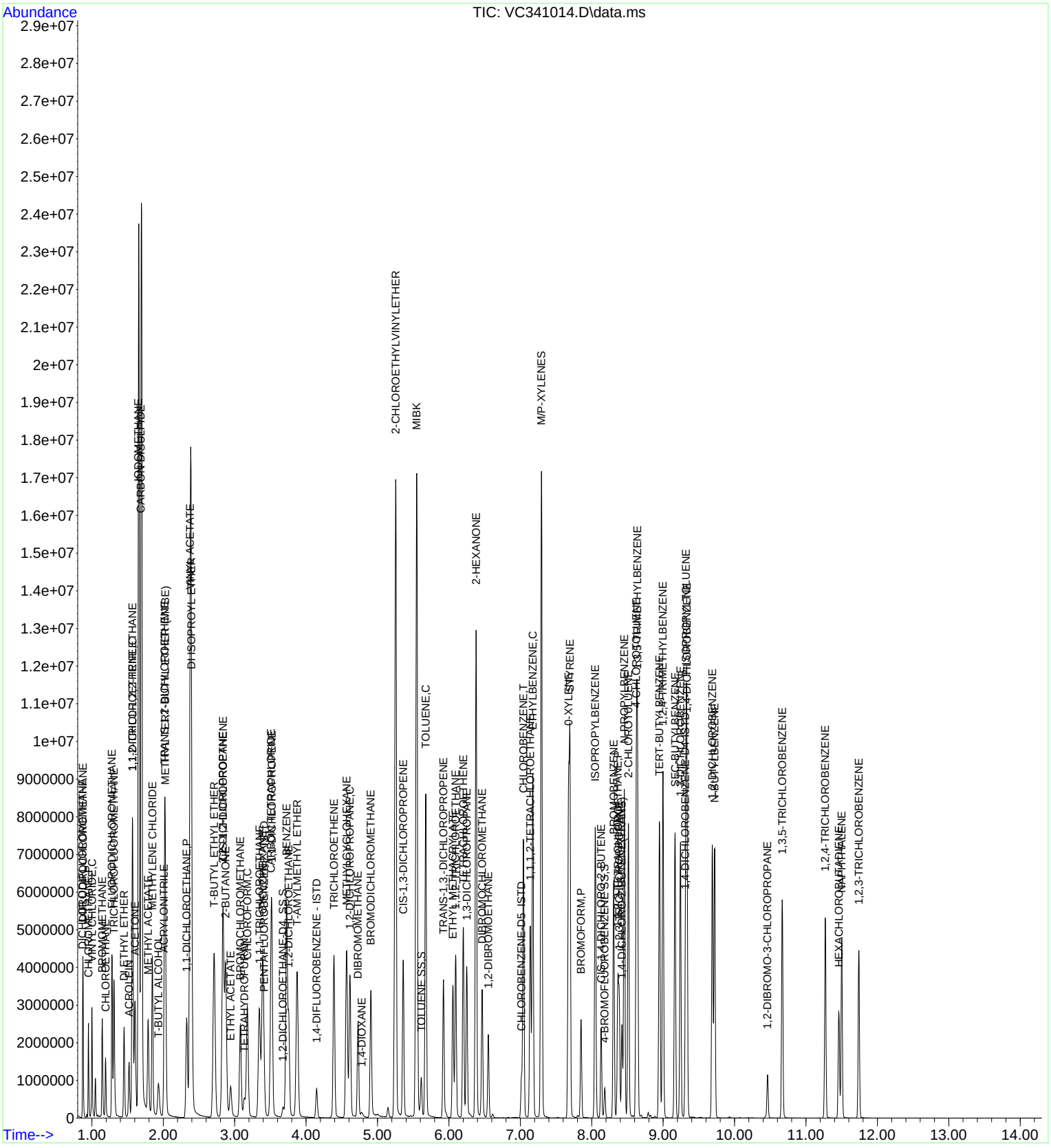
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D
Acq On : 7 Dec 2011 5:44 pm
Sample : 8260 STD 200 PPB
Misc :
Quant Time: Dec 08 07:32:03 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	0.1614669	0.1690094		4.7	20	
Acrylonitrile	A	10.0	10.1	0.2628468	0.2643387		0.6	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.85	1.273677	1.254069		-1.5	20	
Benzene	A	10.0	10.7	2.134214	2.277422		6.7	20	
Bromobenzene	A	10.0	10.0	1.37381	1.378966		0.4	20	
Bromochloromethane	A	10.0	12.2	0.5012127	0.6101974		21.7	20	*
Bromodichloromethane	L	10.0	9.53	0.5645274	0.5997843		-4.7	20	
Bromoform	A	10.0	10.5	0.4866712	0.5120064		5.2	20	
Bromomethane	L	10.0	8.89	0.6502824	0.5209419		-11.1	20	
2-Butanone (MEK)	A	100	131	0.2092159	0.2733349		30.6	20	*
tert-Butyl Alcohol (TBA)	A	100	119	4.223223E-02	5.023398E-02		18.9	20	
n-Butylbenzene	L	10.0	8.69	2.024433	2.295228		-13.1	20	
sec-Butylbenzene	A	10.0	9.63	3.255788	3.136133		-3.7	20	
tert-Butylbenzene	A	10.0	10.9	2.321322	2.535616		9.2	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	11.1	1.753296	1.946605		11.0	20	
Carbon Disulfide	L	100	82.6	1.661109	1.620161		-17.4	20	
Carbon Tetrachloride	A	10.0	10.4	0.6953856	0.7227619		3.9	20	
Chlorobenzene	A	10.0	10.2	2.236097	2.29066		2.4	20	
Chlorodibromomethane	A	10.0	9.42	0.372674	0.3510724		-5.8	20	
Chloroethane	A	10.0	9.26	0.4455245	0.4123373		-7.4	20	
Chloroform	A	10.0	11.2	1.024886	1.143387		11.6	20	
Chloromethane	A	10.0	9.97	0.7216897	0.7197741		-0.3	20	
2-Chlorotoluene	A	10.0	10.6	2.358593	2.490074		5.6	20	
4-Chlorotoluene	A	10.0	10.2	2.778829	2.843713		2.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.62	0.1229792	0.1178772		-13.8	20	
1,2-Dibromoethane (EDB)	A	10.0	9.22	0.3621682	0.3338945		-7.8	20	
Dibromomethane	A	10.0	10.7	0.2645882	0.284088		7.4	20	
1,2-Dichlorobenzene	A	10.0	10.3	1.65366	1.700138		2.8	20	
1,3-Dichlorobenzene	A	10.0	9.81	1.699502	1.667946		-1.9	20	
1,4-Dichlorobenzene	A	10.0	10.2	1.730563	1.769488		2.2	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.92	0.1768173	0.1576921		-10.8	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	8.78	0.6822418	0.5990648		-12.2	20	
1,1-Dichloroethane	A	10.0	10.4	1.115459	1.158879		3.9	20	
1,2-Dichloroethane	A	10.0	11.3	0.6364561	0.7199641		13.1	20	
1,1-Dichloroethylene	L	10.0	8.58	1.071353	1.035223		-14.2	20	
cis-1,2-Dichloroethylene	A	10.0	11.2	0.9550192	1.071598		12.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.6	1.005576	1.061305		5.5	20	
1,2-Dichloropropane	A	10.0	10.6	0.4035074	0.4258769		5.5	20	
1,3-Dichloropropane	A	10.0	8.57	0.5752358	0.4928322		-14.3	20	
2,2-Dichloropropane	A	10.0	6.76	0.5802999	0.3924254		-32.4	20	*
1,1-Dichloropropene	A	10.0	11.0	0.7645043	0.8377411		9.6	20	
cis-1,3-Dichloropropene	A	10.0	9.87	0.5083759	0.5016872		-1.3	20	
trans-1,3-Dichloropropene	A	10.0	8.03	0.388793	0.3122272		-19.7	20	
Diethyl Ether	A	10.0	9.85	0.5148191	0.5069238		-1.5	20	
Diisopropyl Ether (DIPE)	A	10.0	11.0	1.968366	2.172952		10.4	20	
1,4-Dioxane	A	100	136	3.036147E-03	4.143254E-03		36.5	20	*
Ethylbenzene	A	10.0	10.4	3.724122	3.880739		4.2	20	
Hexachlorobutadiene	L	10.0	9.81	0.3565245	0.3829626		-1.9	20	
2-Hexanone (MBK)	A	100	98.4	0.200032	0.1968282		-1.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.7	2.79466	2.999909		7.3	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.3	2.586133	2.663406		3.0	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.88	1.786272	1.764891		-1.2	20	
Methylene Chloride	A	10.0	8.73	1.15993	1.012067		-12.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	116	0.3269849	0.3788559		15.9	20	
Naphthalene	L	10.0	10.1	1.319631	1.183849		0.6	20	
n-Propylbenzene	A	10.0	10.5	3.72859	3.926897		5.3	20	
Styrene	A	10.0	10.4	2.238429	2.321869		3.7	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.1	0.7555013	0.765135		1.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.6	0.8842666	0.938578		6.1	20	
Tetrachloroethylene	A	10.0	8.28	0.4403607	0.3648323		-17.2	20	
Tetrahydrofuran	A	10.0	12.9	0.1368709	0.1768329		29.2	20	*
Toluene	A	10.0	8.80	1.715396	1.509675		-12.0	20	
1,2,3-Trichlorobenzene	L	10.0	10.1	0.5966709	0.6052607		1.4	20	
1,2,4-Trichlorobenzene	L	10.0	8.76	0.6405135	0.6767697		-12.4	20	
1,3,5-Trichlorobenzene	L	10.0	9.09	0.8922156	1.063516		-9.1	20	
1,1,1-Trichloroethane	A	10.0	11.1	0.8309621	0.9228731		11.1	20	
1,1,2-Trichloroethane	A	10.0	8.29	0.3744895	0.3105946		-17.1	20	
Trichloroethylene	A	10.0	10.3	0.4215348	0.4336096		2.9	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	0.926608	1.014697		9.5	20	
1,2,3-Trichloropropane	A	10.0	11.7	0.6611642	0.7707747		16.6	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.54	0.5908211	0.5651348		-14.6	20	
1,2,4-Trimethylbenzene	A	10.0	10.3	2.85258	2.932737		2.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347038.D	Calibration Date:	12/07/11 00:00
Sequence:	S001576	Injection Date:	12/14/11
Lab Sample ID:	S001576-CCV1	Injection Time:	09:22

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	2.746335	2.903268		5.7	20
Vinyl Chloride	A	10.0	9.87	0.8369604	0.8261787		-1.3	20
m+p Xylene	A	20.0	20.4	2.88165	2.938684		2.0	20
o-Xylene	A	10.0	10.7	2.832473	3.02254		6.7	20
1,2-Dichloroethane-d4	A	25.0	27.3	0.5631325	0.6151232		9.2	
Toluene-d8	A	25.0	21.6	1.205274	1.042397		-13.5	
4-Bromofluorobenzene	A	25.0	26.6	0.8849197	0.9408083		6.3	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347038.D Vial: 38
Acq On : 14 Dec 2011 9:22 am Operator:
Sample : 8260STD 10PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:32:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	293192	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	411633	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	164371	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	162525	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	150291	27.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.24%				
49) TOLUENE SS	5.606	98	357571	21.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	128868	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	58547	8.78	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.877	51	77049	9.04	UG/L		100
5) CHLOROMETHANE	0.952	50	70344	9.97	UG/L		99
6) VINYL CHLORIDE	1.002	62	80743	9.87	UG/L		97
7) BROMOMETHANE	1.147	94	50912	8.89	UG/L		98
8) CHLOROETHANE	1.192	64	40298	9.26	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	127281	8.57	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	99167	10.95	UG/L		98
11) ETHANOL	1.398	45	4177	77.65	UG/L	#	89
12) DI ETHYL ETHER	1.451	59	49542	9.85	UG/L		98
13) ACROLEIN	1.518	56	35044m	79.74	UG/L		
14) ACETONE	1.602	43	165174	104.67	UG/L		98
15) 1,1-DICHLOROETHENE	1.568	61	101173	8.58	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	55231	8.54	UG/L		97
17) IODOMETHANE	1.655	142	783469	71.32	UG/L	#	100
20) METHYL ACETATE	1.786	43	134680	11.01	UG/L		100
21) T-BUTYL ALCOHOL	1.931	59	49094	118.95	UG/L	#	92
22) ACRYLONITRILE	2.009	53	25834	10.06	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	98910	8.73	UG/L		99
24) CARBON DISULFIDE	1.691	76	1583394	82.63	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	172484	9.88	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	103722	10.55	UG/L		93
27) 1,1-DICHLOROETHANE	2.327	63	113258	10.39	UG/L		99
28) VINYL ACETATE	2.374	43	1092084	90.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	212364	11.04	UG/L		95
31) 2-BUTANONE	2.868	43	267132	130.65	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	190243	11.10	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.834	61	104728	11.22	UG/L		99
34) 2,2-DICHLOROPROPANE	2.831	77	38352m	6.76	UG/L		
35) ETHYL ACETATE	2.943	43	59037	13.64	UG/L	#	93
38) BROMOCHLOROMETHANE	3.074	49	59635	12.17	UG/L		95
39) TETRAHYDROFURAN	3.141	42	17282	12.92	UG/L	#	84
40) CHLOROFORM	3.172	83	111744	11.16	UG/L		96
41) 1,1,1-TRICHLOROETHANE	3.344	97	90193	11.11	UG/L		97
42) CYCLOHEXANE	3.392	56	100655	11.54	UG/L		95
43) CARBON TETRACHLORIDE	3.506	117	70636	10.39	UG/L		100
44) 1,1-DICHLOROPROPENE	3.515	75	81873	10.96	UG/L		98
45) BENZENE	3.724	78	222574	10.67	UG/L		99
47) T-AMYLMETHYL ETHER	3.869	73	122561	9.85	UG/L	#	83
50) 1,2-DICHLOROETHANE	3.754	62	98787	11.31	UG/L		99
51) TRICHLOROETHENE	4.387	95	59496	10.29	UG/L		96
52) METHYLCYCLOHEXANE	4.566	83	72941	10.05	UG/L		96
53) 1,2-DICHLOROPROPANE	4.613	63	58435	10.55	UG/L	#	74
54) DIBROMOMETHANE	4.725	93	38980	10.74	UG/L		97
56) 1,4-DIOXANE	4.769	88	5685m	136.46	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347038.D Vial: 38
Acq On : 14 Dec 2011 9:22 am Operator:
Sample : 8260STD 10PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:32:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

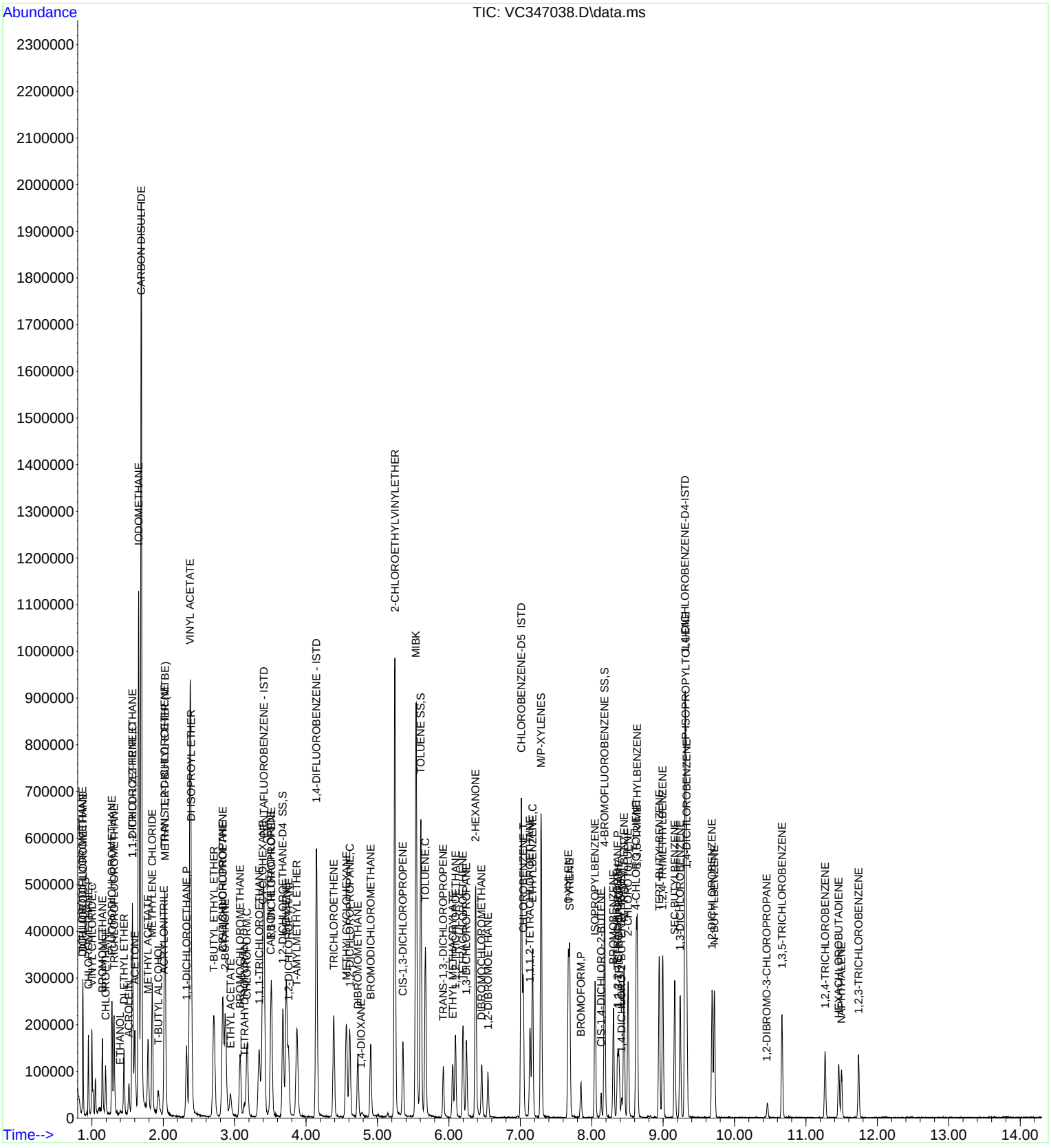
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	82297	9.53	UG/L		99
58)	2-CHLOROETHYLVINYLETHER	5.244	63	345683	116.10	UG/L		94
59)	MIBK	5.539	43	519832	115.86	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	68837	9.87	UG/L		99
61)	TOLUENE	5.670	91	207144	8.80	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	42841m	8.03	UG/L		
63)	ETHYL METHACRYLATE	6.055	69	46110m	7.47	UG/L		
64)	1,1,2-TRICHLOROETHANE	6.091	97	42617	8.29	UG/L		100
65)	2-HEXANONE	6.373	43	270070	98.40	UG/L		97
66)	TETRACHLOROETHENE	6.197	166	50059	8.28	UG/L		98
67)	1,3-DICHLOROPROPANE	6.245	76	67622	8.57	UG/L		97
68)	DIBROMOCHLOROMETHANE	6.457	129	48171	9.42	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	45814	9.22	UG/L		100
72)	CHLOROBENZENE	7.042	112	125506	10.24	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	41922	10.13	UG/L		95
74)	ETHYLBENZENE	7.170	91	212627	10.42	UG/L		97
75)	M/P-XYLENES	7.290	91	322023	20.40	UG/L		100
76)	0-XYLENE	7.672	91	165606	10.67	UG/L		96
77)	STYRENE	7.692	104	127216	10.37	UG/L		97
78)	BROMOFORM	7.851	173	28053	10.52	UG/L		97
79)	ISOPROPYLBENZENE	8.046	105	164366	10.73	UG/L		100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	9120	7.24	UG/L	#	68
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	51425	10.61	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	8640	8.92	UG/L	#	85
83)	BROMOBENZENE	8.303	77	75554	10.04	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	42231	11.66	UG/L		98
85)	N-PROPYLBENZENE	8.453	91	215156	10.53	UG/L		98
86)	2-CHLOROT0LUENE	8.509	91	136432	10.56	UG/L		98
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	159071	10.57	UG/L		99
88)	4-CHLOROTOLUENE	8.621	91	155808	10.23	UG/L		99
90)	TERT-BUTYLBENZENE	8.947	119	137367	10.92	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	158881	10.28	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	169900	9.63	UG/L		100
93)	1,3-DICHLOROBENZENE	9.237	146	90361	9.81	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.318	119	144290	10.30	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	95862	10.22	UG/L		99
96)	N-BUTYLBENZENE	9.717	91	124344	8.69	UG/L		98
97)	1,2-DICHLOROBENZENE	9.683	146	92105	10.28	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.453	75	6386	8.62	UG/L		94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	57616	9.09	UG/L		99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	36664	8.76	UG/L		96
101)	HEXACHLOROBUTADIENE	11.459	225	20747	9.81	UG/L	#	51
102)	NAPHTHALENE	11.498	128	64135	10.06	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	32790	10.14	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347038.D
Acq On : 14 Dec 2011 9:22 am
Sample : 8260STD 10PPB
Misc :
Quant Time: Dec 14 14:32:40 2011

Vial: 38
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	105	0.1614669	0.1693583		4.9	20	
Acrylonitrile	A	10.0	10.2	0.2628468	0.2680948		2.0	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	1.273677	1.293036		1.5	20	
Benzene	A	10.0	11.2	2.134214	2.389273		12.0	20	
Bromobenzene	A	10.0	8.61	1.37381	1.18249		-13.9	20	
Bromochloromethane	A	10.0	12.0	0.5012127	0.6024006		20.2	20	*
Bromodichloromethane	L	10.0	9.79	0.5645274	0.6168616		-2.1	20	
Bromoform	A	10.0	10.1	0.4866712	0.4921896		1.1	20	
Bromomethane	L	10.0	8.52	0.6502824	0.4956305		-14.8	20	
2-Butanone (MEK)	A	100	132	0.2092159	0.2753919		31.6	20	*
tert-Butyl Alcohol (TBA)	A	100	116	4.223223E-02	4.918343E-02		16.5	20	
n-Butylbenzene	L	10.0	8.63	2.024433	2.284321		-13.7	20	
sec-Butylbenzene	A	10.0	9.55	3.255788	3.108286		-4.5	20	
tert-Butylbenzene	A	10.0	10.0	2.321322	2.332956		0.5	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.9	1.753296	1.911117		9.0	20	
Carbon Disulfide	L	100	83.3	1.661109	1.633757		-16.7	20	
Carbon Tetrachloride	A	10.0	10.6	0.6953856	0.7388963		6.3	20	
Chlorobenzene	A	10.0	9.87	2.236097	2.207901		-1.3	20	
Chlorodibromomethane	A	10.0	12.2	0.372674	0.4557576		22.3	20	*
Chloroethane	A	10.0	9.39	0.4455245	0.4183084		-6.1	20	
Chloroform	A	10.0	11.6	1.024886	1.183907		15.5	20	
Chloromethane	A	10.0	9.53	0.7216897	0.6875432		-4.7	20	
2-Chlorotoluene	A	10.0	9.05	2.358593	2.13357		-9.5	20	
4-Chlorotoluene	A	10.0	8.80	2.778829	2.445277		-12.0	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.01	0.1229792	0.1233705		-9.9	20	
1,2-Dibromoethane (EDB)	A	10.0	11.0	0.3621682	0.3966485		9.5	20	
Dibromomethane	A	10.0	11.0	0.2645882	0.290528		9.8	20	
1,2-Dichlorobenzene	A	10.0	10.2	1.65366	1.690907		2.3	20	
1,3-Dichlorobenzene	A	10.0	9.59	1.699502	1.630502		-4.1	20	
1,4-Dichlorobenzene	A	10.0	10.3	1.730563	1.787792		3.3	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.89	0.1768173	0.157147		-11.1	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	9.69	0.6822418	0.6614057		-3.1	20	
1,1-Dichloroethane	A	10.0	10.5	1.115459	1.17462		5.3	20	
1,2-Dichloroethane	A	10.0	11.5	0.6364561	0.7340485		15.3	20	
1,1-Dichloroethylene	L	10.0	8.63	1.071353	1.041207		-13.7	20	
cis-1,2-Dichloroethylene	A	10.0	11.5	0.9550192	1.098457		15.0	20	
trans-1,2-Dichloroethylene	A	10.0	10.3	1.005576	1.034487		2.9	20	
1,2-Dichloropropane	A	10.0	10.8	0.4035074	0.4376667		8.5	20	
1,3-Dichloropropane	A	10.0	11.1	0.5752358	0.6383673		11.0	20	
2,2-Dichloropropane	A	10.0	8.50	0.5802999	0.4931526		-15.0	20	
1,1-Dichloropropene	A	10.0	11.5	0.7645043	0.8802091		15.1	20	
cis-1,3-Dichloropropene	A	10.0	10.6	0.5083759	0.5405257		6.3	20	
trans-1,3-Dichloropropene	A	10.0	10.1	0.388793	0.3928296		1.0	20	
Diethyl Ether	A	10.0	9.60	0.5148191	0.4940942		-4.0	20	
Diisopropyl Ether (DIPE)	A	10.0	11.1	1.968366	2.186448		11.1	20	
1,4-Dioxane	A	100	131	3.036147E-03	3.977774E-03		31.0	20	*
Ethylbenzene	A	10.0	10.5	3.724122	3.894378		4.6	20	
Hexachlorobutadiene	L	10.0	9.86	0.3565245	0.385179		-1.4	20	
2-Hexanone (MBK)	A	100	138	0.200032	0.2753062		37.6	20	*

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	10.6	2.79466	2.949634		5.5	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	2.586133	2.628985		1.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.57	1.786272	1.710314		-4.3	20	
Methylene Chloride	A	10.0	8.23	1.15993	0.9546567		-17.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	129	0.3269849	0.4227577		29.3	20	*
Naphthalene	L	10.0	10.1	1.319631	1.191565		0.9	20	
n-Propylbenzene	A	10.0	8.95	3.72859	3.338423		-10.5	20	
Styrene	A	10.0	10.4	2.238429	2.328491		4.0	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.90	0.7555013	0.748125		-1.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	8.88	0.8842666	0.7848455		-11.2	20	
Tetrachloroethylene	A	10.0	10.5	0.4403607	0.4604545		4.6	20	
Tetrahydrofuran	A	10.0	13.7	0.1368709	0.1872937		36.8	20	*
Toluene	A	10.0	10.4	1.715396	1.77712		3.6	20	
1,2,3-Trichlorobenzene	L	10.0	10.1	0.5966709	0.6020191		1.1	20	
1,2,4-Trichlorobenzene	L	10.0	9.31	0.6405135	0.7307637		-6.9	20	
1,3,5-Trichlorobenzene	L	10.0	9.10	0.8922156	1.064713		-9.0	20	
1,1,1-Trichloroethane	A	10.0	11.5	0.8309621	0.9523076		14.6	20	
1,1,2-Trichloroethane	A	10.0	10.3	0.3744895	0.387171		3.4	20	
Trichloroethylene	A	10.0	11.0	0.4215348	0.4655069		10.4	20	
Trichlorofluoromethane (Freon 11)	A	10.0	11.1	0.926608	1.027439		10.9	20	
1,2,3-Trichloropropane	A	10.0	9.35	0.6611642	0.6180907		-6.5	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.62	0.5908211	0.5719119		-13.8	20	
1,2,4-Trimethylbenzene	A	10.0	10.5	2.85258	2.983442		4.6	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC347073.D	Calibration Date:	12/07/11 00:00
Sequence:	S001577	Injection Date:	12/15/11
Lab Sample ID:	S001577-CCV1	Injection Time:	02:34

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	8.85	2.746335	2.430729		-11.5	20
Vinyl Chloride	A	10.0	10.3	0.8369604	0.8615451		2.9	20
m+p Xylene	A	20.0	21.1	2.88165	3.035947		5.4	20
o-Xylene	A	10.0	10.7	2.832473	3.030233		7.0	20
1,2-Dichloroethane-d4	A	25.0	28.0	0.5631325	0.6314542		12.1	
Toluene-d8	A	25.0	25.2	1.205274	1.217188		1.0	
4-Bromofluorobenzene	A	25.0	23.8	0.8849197	0.8429442		-4.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347073.D Vial: 72
Acq On : 15 Dec 2011 2:34 am Operator:
Sample : 8260STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:26:15 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	302669	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	430492	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	219196	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	179192	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.671	65	159268	28.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.12%				
49) TOLUENE SS	5.609	98	436658	25.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.00%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	153975	23.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66729	9.69	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.874	51	89287	10.15	UG/L		97
5) CHLOROMETHANE	0.952	50	69366	9.53	UG/L		98
6) VINYL CHLORIDE	0.999	62	86921	10.29	UG/L		99
7) BROMOMETHANE	1.147	94	50004	8.52	UG/L		94
8) CHLOROETHANE	1.192	64	42203	9.39	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	131387	8.57	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.309	101	103658	11.09	UG/L		95
11) ETHANOL	1.406	45	5919m	106.59	UG/L		
12) DI ETHYL ETHER	1.448	59	49849	9.60	UG/L		98
13) ACROLEIN	1.518	56	38169	83.35	UG/L		97
14) ACETONE	1.599	43	170865	104.89	UG/L		97
15) 1,1-DICHLOROETHENE	1.568	61	105047	8.63	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	57700	8.62	UG/L		95
17) IODOMETHANE	1.655	142	834410	73.23	UG/L	#	100
20) METHYL ACETATE	1.786	43	132474	10.49	UG/L		99
21) T-BUTYL ALCOHOL	1.931	59	49621	116.46	UG/L	#	84
22) ACRYLONITRILE	2.006	53	27048	10.20	UG/L		99
23) METHYLENE CHLORIDE	1.847	49	96315	8.23	UG/L		99
24) CARBON DISULFIDE	1.691	76	1648292	83.29	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	172553	9.57	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	104369	10.29	UG/L		98
27) 1,1-DICHLOROETHANE	2.329	63	118507	10.53	UG/L		99
28) VINYL ACETATE	2.374	43	1120720	90.48	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	220590	11.11	UG/L		94
31) 2-BUTANONE	2.870	43	277842	131.63	UG/L		97
32) T-BUTYL ETHYL ETHER	2.714	59	192812	10.90	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	110823	11.50	UG/L		98
34) 2,2-DICHLOROPROPANE	2.831	77	49754	8.50	UG/L		99
35) ETHYL ACETATE	2.949	43	58430	13.00	UG/L		98
38) BROMOCHLOROMETHANE	3.080	49	60776	12.02	UG/L		96
39) TETRAHYDROFURAN	3.141	42	18896	13.68	UG/L	#	76
40) CHLOROFORM	3.174	83	119444	11.55	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	96078	11.46	UG/L		96
42) CYCLOHEXANE	3.389	56	107654	11.95	UG/L		99
43) CARBON TETRACHLORIDE	3.503	117	74547	10.63	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	88804	11.51	UG/L		99
45) BENZENE	3.721	78	241053	11.20	UG/L		99
47) T-AMYLMETHYL ETHER	3.872	73	130454	10.15	UG/L	#	83
50) 1,2-DICHLOROETHANE	3.752	62	105334	11.53	UG/L		98
51) TRICHLOROETHENE	4.385	95	66799	11.04	UG/L		95
52) METHYLCYCLOHEXANE	4.563	83	79122	10.42	UG/L		92
53) 1,2-DICHLOROPROPANE	4.611	63	62804	10.85	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	41690	10.98	UG/L		98
56) 1,4-DIOXANE	4.781	88	5708m	131.01	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347073.D Vial: 72
Acq On : 15 Dec 2011 2:34 am Operator:
Sample : 8260STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:26:15 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

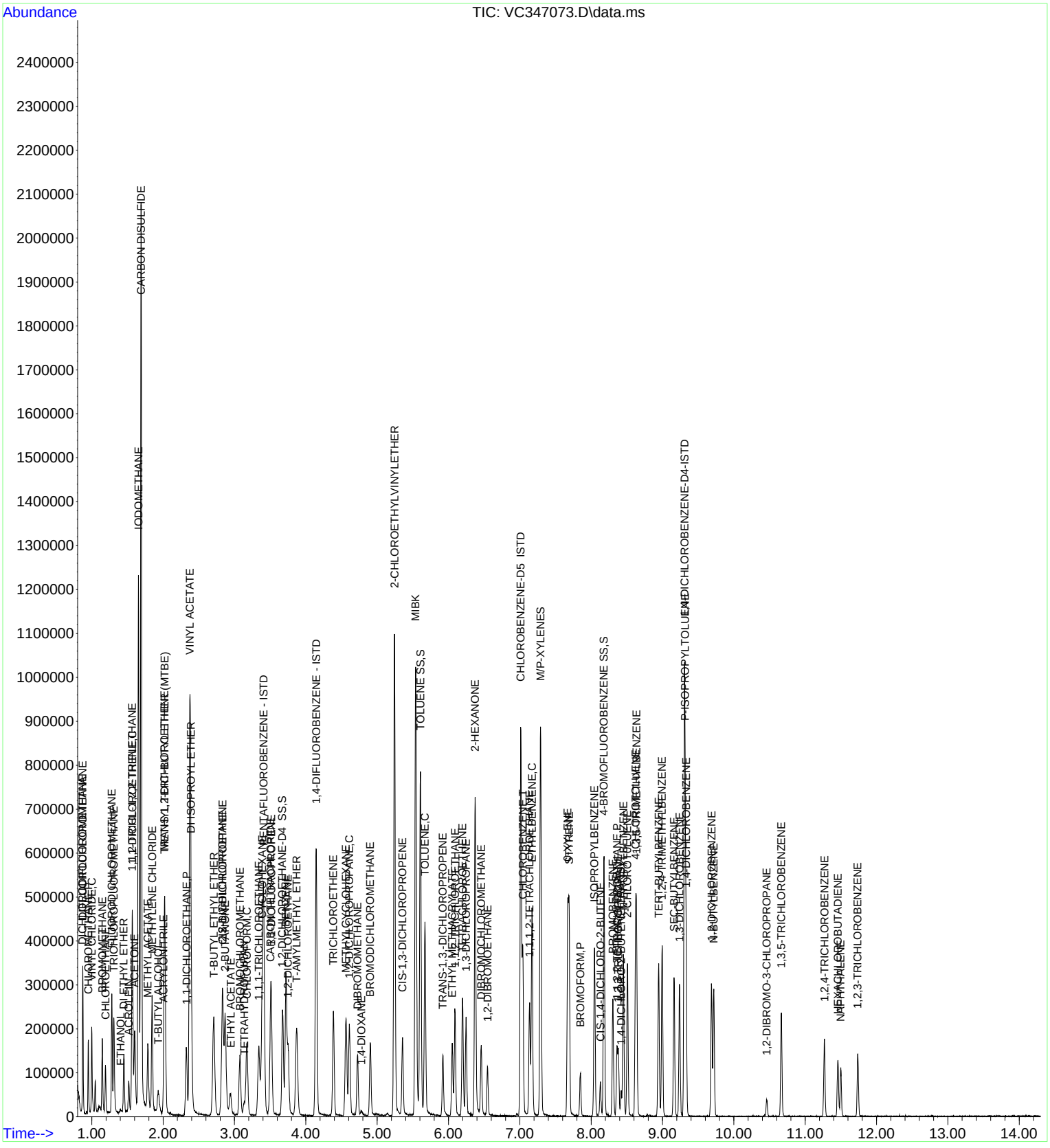
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	88518	9.79	UG/L		100
58)	2-CHLOROETHYLVINYLETHER	5.244	63	387326	124.39	UG/L		94
59)	MIBK	5.539	43	606646	129.29	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	77564	10.63	UG/L		98
61)	TOLUENE	5.670	91	255012	10.36	UG/L		100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	56370	10.10	UG/L		97
63)	ETHYL METHACRYLATE	6.052	69	64731	9.68	UG/L		96
64)	1,1,2-TRICHLOROETHANE	6.094	97	55558	10.34	UG/L		96
65)	2-HEXANONE	6.373	43	395057	137.63	UG/L		97
66)	TETRACHLOROETHENE	6.197	166	66074	10.46	UG/L		98
67)	1,3-DICHLOROPROPANE	6.247	76	91604	11.10	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.459	129	65400	12.23	UG/L		99
69)	1,2-DIBROMOETHANE	6.549	107	56918	10.95	UG/L		98
72)	CHLOROBENZENE	7.042	112	161321	9.87	UG/L		95
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	54662	9.90	UG/L		97
74)	ETHYLBENZENE	7.171	91	284544	10.46	UG/L		98
75)	M/P-XYLENES	7.290	91	443645	21.07	UG/L		98
76)	0-XYLENE	7.670	91	221405	10.70	UG/L		98
77)	STYRENE	7.692	104	170132	10.40	UG/L		94
78)	BROMOFORM	7.851	173	35962	10.11	UG/L		98
79)	ISOPROPYLBENZENE	8.046	105	215516	10.55	UG/L		97
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	15620	9.24	UG/L	#	67
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	57345	8.88	UG/L		97
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	11482	8.89	UG/L	#	81
83)	BROMOBENZENE	8.303	77	86399	8.61	UG/L		99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	45161	9.35	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	243923	8.95	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	155890	9.05	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	177602	8.85	UG/L		99
88)	4-CHLOROTOLUENE	8.623	91	178665	8.80	UG/L		98
90)	TERT-BUTYLBENZENE	8.947	119	139349	10.05	UG/L		96
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	178203	10.46	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	185660	9.55	UG/L		98
93)	1,3-DICHLOROBENZENE	9.240	146	97391	9.59	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.318	119	157031	10.17	UG/L		98
95)	1,4-DICHLOROBENZENE	9.332	146	106786	10.33	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	136444	8.63	UG/L		99
97)	1,2-DICHLOROBENZENE	9.689	146	100999	10.23	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	7369	9.01	UG/L		90
99)	1,3,5-TRICHLOROBENZENE	10.665	180	63596	9.10	UG/L		96
100)	1,2,4-TRICHLOROBENZENE	11.273	180	43649	9.31	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	23007	9.86	UG/L		92
102)	NAPHTHALENE	11.499	128	71173	10.09	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.736	180	35959	10.11	UG/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347073.D Vial: 72
Acq On : 15 Dec 2011 2:34 am Operator:
Sample : 8260STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:26:15 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Tue Dec 13 15:10:25 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001576	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001576-CCV1)			*Lab File ID: VC347038.D*			*Analyzed: 12/14/11 09:22*			
Pentafluorobenzene	293192	3.409	335223	3.411	87	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	411633	4.145	361786	4.148	114	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	164371	7.014	168011	7.012	98	50 - 200	0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	162525	9.307	169748	9.309	96	50 - 200	-0.0020	+/-0.50	
LCS (B042744-BS1)			*Lab File ID: VC347041.D*			*Analyzed: 12/14/11 10:29*			
Pentafluorobenzene	270639	3.409	293192	3.409	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	356903	4.145	411633	4.145	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	174785	7.014	164371	7.014	106	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	190276	9.309	162525	9.307	117	50 - 200	0.0020	+/-0.50	
LCS Dup (B042744-BSD1)			*Lab File ID: VC347042.D*			*Analyzed: 12/14/11 10:59*			
Pentafluorobenzene	304362	3.409	293192	3.409	104	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	425819	4.145	411633	4.145	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219829	7.014	164371	7.014	134	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	212788	9.307	162525	9.307	131	50 - 200	0.0000	+/-0.50	
Blank (B042744-BLK1)			*Lab File ID: VC347044.D*			*Analyzed: 12/14/11 11:59*			
Pentafluorobenzene	270606	3.406	293192	3.409	92	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	355440	4.145	411633	4.145	86	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	199900	7.014	164371	7.014	122	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	177606	9.309	162525	9.307	109	50 - 200	0.0020	+/-0.50	
TB-120211 (11L0228-01)			*Lab File ID: VC347054.D*			*Analyzed: 12/14/11 17:01*			
Pentafluorobenzene	251101	3.41	293192	3.409	86	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	336551	4.14	411633	4.145	82	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	166530	7.01	164371	7.014	101	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	150898	9.31	162525	9.307	93	50 - 200	0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001576	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW20-200 (11L0228-02)			*Lab File ID: VC347059.D*			*Analyzed: 12/14/11 19:32*			
Pentafluorobenzene	256255	3.41	293192	3.409	87	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	345283	4.14	411633	4.145	84	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	176009	7.01	164371	7.014	107	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	165513	9.31	162525	9.307	102	50 - 200	0.0030	+/-0.50	
PW23-150 (11L0228-04)			*Lab File ID: VC347060.D*			*Analyzed: 12/14/11 20:02*			
Pentafluorobenzene	243145	3.41	293192	3.409	83	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	349797	4.14	411633	4.145	85	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	177344	7.01	164371	7.014	108	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	161359	9.31	162525	9.307	99	50 - 200	0.0030	+/-0.50	
PW23-175 (11L0228-05)			*Lab File ID: VC347061.D*			*Analyzed: 12/14/11 20:32*			
Pentafluorobenzene	286494	3.41	293192	3.409	98	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	343913	4.14	411633	4.145	84	50 - 200	-0.0050	+/-0.50	
Chlorobenzene-d5	174458	7.01	164371	7.014	106	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	175263	9.31	162525	9.307	108	50 - 200	0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001577	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001577-CCV1)			*Lab File ID: VC347073.D*			*Analyzed: 12/15/11 02:34*			
Pentafluorobenzene	302669	3.409	335223	3.411	90	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	430492	4.148	361786	4.148	119	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	219196	7.012	168011	7.012	130	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	179192	9.309	169748	9.309	106	50 - 200	0.0000	+/-0.50	
LCS (B042817-BS1)			*Lab File ID: VC347075.D*			*Analyzed: 12/15/11 03:35*			
Pentafluorobenzene	249671	3.41	302669	3.409	82	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	359060	4.14	430492	4.148	83	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	203977	7.01	219196	7.012	93	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	208307	9.31	179192	9.309	116	50 - 200	0.0010	+/-0.50	
LCS Dup (B042817-BSD1)			*Lab File ID: VC347076.D*			*Analyzed: 12/15/11 04:05*			
Pentafluorobenzene	250883	3.41	302669	3.409	83	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	341984	4.15	430492	4.148	79	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	174307	7.01	219196	7.012	80	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	180595	9.31	179192	9.309	101	50 - 200	0.0010	+/-0.50	
Blank (B042817-BLK1)			*Lab File ID: VC347078.D*			*Analyzed: 12/15/11 05:06*			
Pentafluorobenzene	257406	3.41	302669	3.409	85	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	354219	4.15	430492	4.148	82	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	179634	7.01	219196	7.012	82	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	167370	9.31	179192	9.309	93	50 - 200	0.0010	+/-0.50	
PW23-100 (11L0228-03)			*Lab File ID: VC347095.D*			*Analyzed: 12/15/11 13:41*			
Pentafluorobenzene	278963	3.41	302669	3.409	92	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	373885	4.14	430492	4.148	87	50 - 200	-0.0080	+/-0.50	
Chlorobenzene-d5	178238	7.01	219196	7.012	81	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	198762	9.31	179192	9.309	111	50 - 200	0.0010	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0228
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001577	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW23-200 (11L0228-06)			*Lab File ID: VC347096.D*			*Analyzed: 12/15/11 14:12*			
Pentafluorobenzene	280587	3.41	302669	3.409	93	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	377813	4.15	430492	4.148	88	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	181392	7.01	219196	7.012	83	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	168255	9.31	179192	9.309	94	50 - 200	0.0010	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	R-05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	V-05
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BLK1	File ID:	VC347044.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 11:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347044.D Vial: 43
Acq On : 14 Dec 2011 11:59 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:39:11 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.406	168	270606	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	355440	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	199900	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	177606	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.671	65	136083	26.79	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.16%			
49) TOLUENE SS	5.606	98	340546	23.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	147445	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
Target Compounds						Qvalue
23) METHYLENE CHLORIDE	1.844	49	13411	1.28	UG/L	96

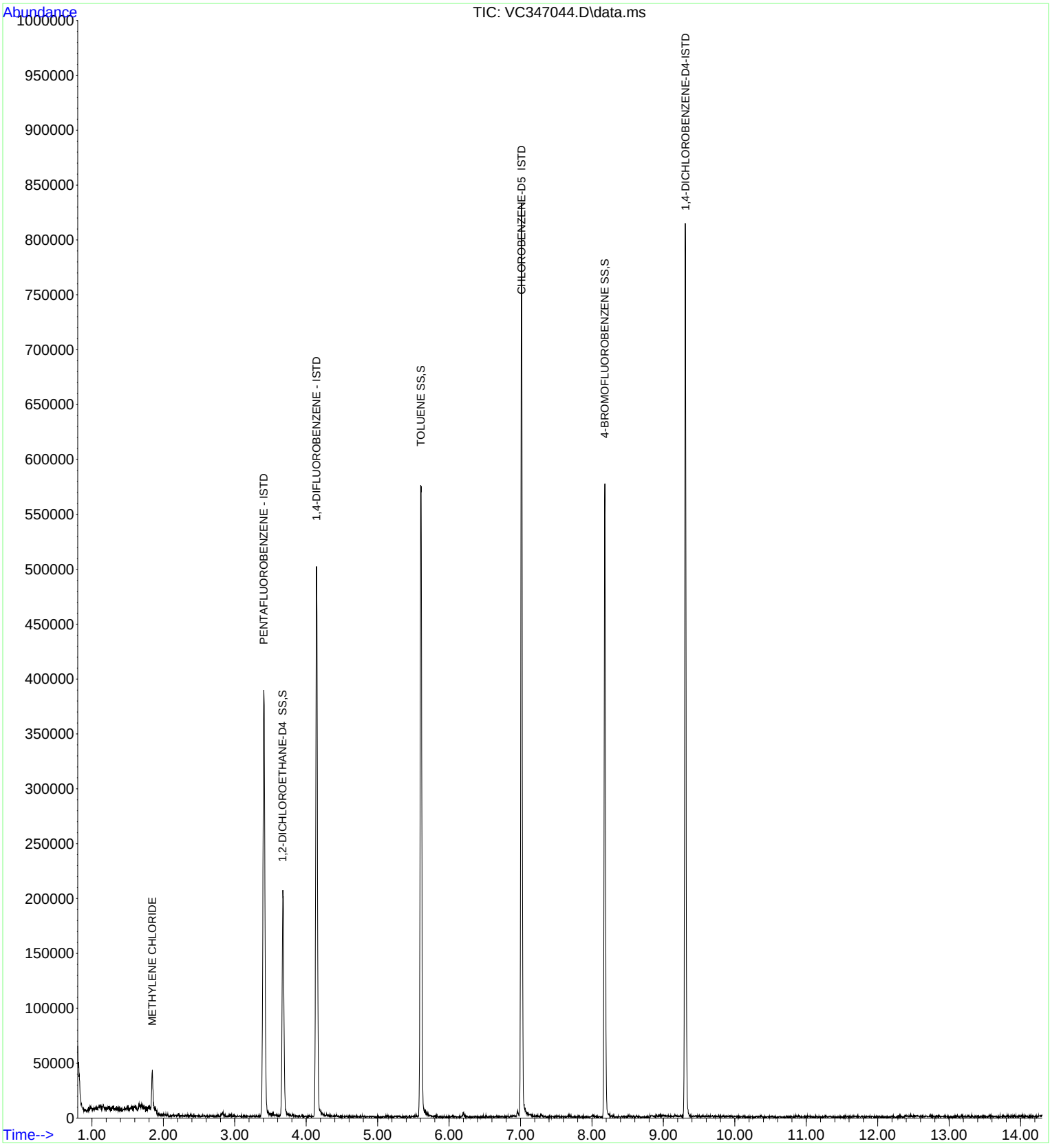
(#) = qualifier out of range (m) = manual integration (+) = signals summed

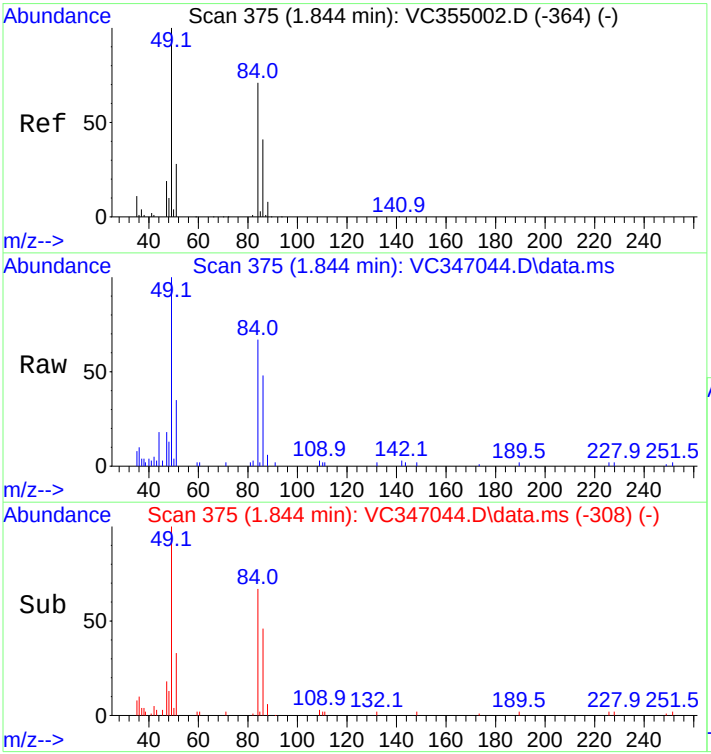
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347044.D
Acq On : 14 Dec 2011 11:59 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 14 14:39:11 2011

Vial: 43
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

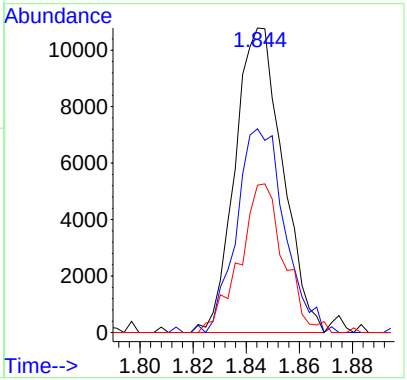




#23
METHYLENE CHLORIDE
Concen: 1.28 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC347044.D
Acq: 14 Dec 2011 11:59 am

Tgt Ion: 49 Resp: 13411

Ion	Ratio	Lower	Upper
49	100		
84	67.8	57.8	86.8
86	45.3	37.5	56.3



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ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	126	0.54	50	
107-13-1	Acrylonitrile	9.51	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	9.03	0.11	0.50	
71-43-2	Benzene	10.5	0.050	1.0	
108-86-1	Bromobenzene	13.1	0.10	1.0	L-07
74-97-5	Bromochloromethane	10.6	0.10	1.0	V-20
75-27-4	Bromodichloromethane	8.51	0.080	0.50	
75-25-2	Bromoform	11.1	0.25	1.0	
74-83-9	Bromomethane	5.27	0.38	2.0	
78-93-3	2-Butanone (MEK)	107	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	102	3.5	20	V-16
104-51-8	n-Butylbenzene	8.90	0.050	1.0	
135-98-8	sec-Butylbenzene	9.04	0.050	1.0	
98-06-6	tert-Butylbenzene	9.24	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.67	0.070	0.50	
75-15-0	Carbon Disulfide	13.1	0.050	10	L-07
56-23-5	Carbon Tetrachloride	10.2	0.090	5.0	
108-90-7	Chlorobenzene	9.93	0.050	1.0	
124-48-1	Chlorodibromomethane	11.0	0.12	0.50	
75-00-3	Chloroethane	9.15	0.33	2.0	
67-66-3	Chloroform	10.8	0.040	2.0	
74-87-3	Chloromethane	7.87	0.13	2.0	
95-49-8	2-Chlorotoluene	13.2	0.050	10	L-07
106-43-4	4-Chlorotoluene	11.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.42	0.48	5.0	R-05
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	8.93	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.1	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	11.6	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.27	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.3	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.63	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.0	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.4	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.45	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.84	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.2	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.7	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.2	0.12	0.50	
60-29-7	Diethyl Ether	10.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	11.0	0.030	0.50	
123-91-1	1,4-Dioxane	136	3.5	50	L-07, V-16, V-20
100-41-4	Ethylbenzene	11.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	0.50	
591-78-6	2-Hexanone (MBK)	119	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.6	0.060	1.0	L-07
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.63	0.050	1.0	

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LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BS1	File ID:	VC347041.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:29
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.72	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	9.28	0.21	2.0	
103-65-1	n-Propylbenzene	13.6	0.040	1.0	L-07
100-42-5	Styrene	11.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.4	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.7	0.18	0.50	
127-18-4	Tetrachloroethylene	10.9	0.14	1.0	
109-99-9	Tetrahydrofuran	10.3	1.0	10	V-20
108-88-3	Toluene	10.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.34	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.76	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.87	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.10	0.080	1.0	
79-01-6	Trichloroethylene	9.99	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	13.4	0.21	2.0	L-07
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.21	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	7.93	0.16	2.0	
108383/106423	m+p Xylene	27.4	0.070	2.0	L-07
95-47-6	o-Xylene	11.7	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D Vial: 40
Acq On : 14 Dec 2011 10:29 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:37:49 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	270639	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	356903	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	174785	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	190276	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	130891	25.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.04%				
49) TOLUENE SS	5.606	98	347918	24.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	146668	28.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38612	6.27	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	59117	7.51	UG/L		96
5) CHLOROMETHANE	0.952	50	51233	7.87	UG/L		99
6) VINYL CHLORIDE	0.999	62	59841	7.93	UG/L		100
7) BROMOMETHANE	1.150	94	24778	5.27	UG/L		93
8) CHLOROETHANE	1.194	64	36761	9.15	UG/L		97
9) FLUORODICHLOROMETHANE	1.284	67	114670	8.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	88871	10.63	UG/L		100
12) DI ETHYL ETHER	1.451	59	46925	10.10	UG/L		99
13) ACROLEIN	1.521	56	58253	132.23	UG/L		98
14) ACETONE	1.602	43	182935	125.59	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	93945	8.63	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	55667	9.21	UG/L		98
17) IODOMETHANE	1.657	142	106983	19.87	UG/L	#	100
20) METHYL ACETATE	1.783	43	44859	3.97	UG/L		99
21) T-BUTYL ALCOHOL	1.922	59	39006	102.38	UG/L	#	79
22) ACRYLONITRILE	2.009	53	22554	9.51	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	91219	8.72	UG/L		99
24) CARBON DISULFIDE	1.694	76	160182	13.10	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	155157	9.63	UG/L		100
26) TRANS 1,2-DICHLOROETHENE	2.020	61	94648	10.43	UG/L		98
27) 1,1-DICHLOROETHANE	2.327	63	109100	10.84	UG/L		98
28) VINYL ACETATE	2.374	43	1286734	114.70	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	194564	10.96	UG/L		98
31) 2-BUTANONE	2.870	43	202056	107.06	UG/L		98
32) T-BUTYL ETHYL ETHER	2.709	59	153005	9.67	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.834	61	86510	10.04	UG/L		99
34) 2,2-DICHLOROPROPANE	2.829	77	53565	10.23	UG/L	#	75
35) ETHYL ACETATE	2.940	43	46781	11.43	UG/L	#	94
38) BROMOCHLOROMETHANE	3.074	49	48109	10.64	UG/L		99
39) TETRAHYDROFURAN	3.132	42	12741m	10.32	UG/L		
40) CHLOROFORM	3.172	83	99634	10.78	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.339	97	79934	10.66	UG/L		95
42) CYCLOHEXANE	3.386	56	84912	10.54	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	64042	10.21	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	73445	10.65	UG/L		99
45) BENZENE	3.724	78	202412	10.51	UG/L		99
47) T-AMYLMETHYL ETHER	3.871	73	103773	9.03	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.754	62	85381	11.28	UG/L	#	89
51) TRICHLOROETHENE	4.390	95	50111	9.99	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	59508	9.45	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	45345	9.45	UG/L		94
54) DIBROMOMETHANE	4.725	93	32888	10.45	UG/L		99
56) 1,4-DIOXANE	4.772	88	4900m	135.66	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	63421	8.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D Vial: 40
Acq On : 14 Dec 2011 10:29 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:37:49 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59)	MIBK	5.536	43	403135	103.63	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	64843	10.72	UG/L		98
61)	TOLUENE	5.670	91	206459	10.12	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	52038	11.25	UG/L	#	76
63)	ETHYL METHACRYLATE	6.052	69	48393	8.83	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.097	97	40561	9.10	UG/L		96
65)	2-HEXANONE	6.373	43	283696	119.21	UG/L		96
66)	TETRACHLOROETHENE	6.200	166	57138	10.91	UG/L		99
67)	1,3-DICHLOROPROPANE	6.245	76	67322	9.84	UG/L		98
68)	DIBROMOCHLOROMETHANE	6.457	129	48531	10.95	UG/L		100
69)	1,2-DIBROMOETHANE	6.551	107	47603	11.05	UG/L		98
72)	CHLOROBENZENE	7.042	112	129304	9.93	UG/L		98
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	50325	11.43	UG/L		95
74)	ETHYLBENZENE	7.170	91	257507	11.87	UG/L		100
75)	M/P-XYLENES	7.290	91	459266	27.36	UG/L		98
76)	0-XYLENE	7.672	91	192809	11.68	UG/L		96
77)	STYRENE	7.689	104	143065	10.97	UG/L		96
78)	BROMOFORM	7.848	173	31389	11.07	UG/L		99
79)	ISOPROPYLBENZENE	8.046	105	222105	13.64	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	8637	6.47	UG/L	#	84
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	65484	12.71	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	11991	11.64	UG/L		88
83)	BROMOBENZENE	8.303	77	104904	13.11	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.383	75	51451	13.36	UG/L		100
85)	N-PROPYLBENZENE	8.450	91	295380	13.60	UG/L		100
86)	2-CHLOROT0LUENE	8.509	91	181740	13.23	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	182749	11.42	UG/L		99
88)	4-CHLOROTOLUENE	8.621	91	190542	11.77	UG/L		99
90)	TERT-BUTYLBENZENE	8.947	119	136061	9.24	UG/L		97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	187285	10.35	UG/L		99
92)	SEC-BUTYLBENZENE	9.162	105	186653	9.04	UG/L		99
93)	1,3-DICHLOROBENZENE	9.240	146	108844	10.10	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.318	119	178445	10.88	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	110960	10.11	UG/L		98
96)	N-BUTYLBENZENE	9.716	91	148235	8.90	UG/L		99
97)	1,2-DICHLOROBENZENE	9.683	146	93630	8.93	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.467	75	6433	7.42	UG/L		88
99)	1,3,5-TRICHLOROBENZENE	10.667	180	73286	9.87	UG/L		98
100)	1,2,4-TRICHLOROBENZENE	11.267	180	42878	8.76	UG/L		98
101)	HEXACHLOROBUTADIENE	11.459	225	24990	10.07	UG/L	#	71
102)	NAPHTHALENE	11.501	128	63830	9.28	UG/L	#	97
103)	1,2,3-TRICHLOROBENZENE	11.741	180	33820	9.34	UG/L		98

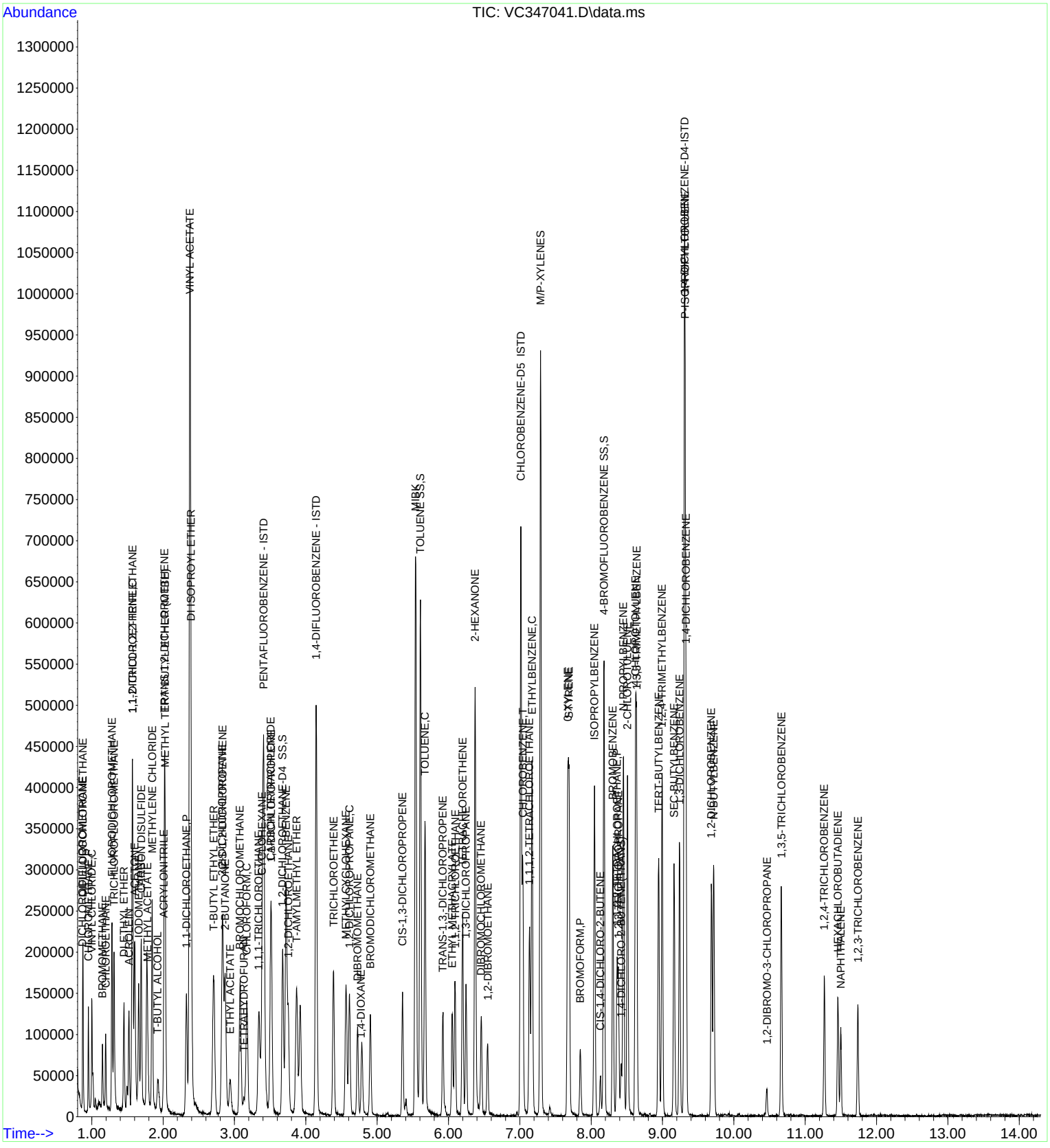
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347041.D
Acq On : 14 Dec 2011 10:29 am
Sample : B0-BS1
Misc :
Quant Time: Dec 14 14:37:49 2011

Vial: 40
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	124	0.54	50	
107-13-1	Acrylonitrile	9.58	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.2	0.11	0.50	
71-43-2	Benzene	11.6	0.050	1.0	
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	12.3	0.10	1.0	V-20
75-27-4	Bromodichloromethane	9.23	0.080	0.50	
75-25-2	Bromoform	10.8	0.25	1.0	
74-83-9	Bromomethane	5.39	0.38	2.0	
78-93-3	2-Butanone (MEK)	128	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	103	3.5	20	V-16
104-51-8	n-Butylbenzene	10.1	0.050	1.0	
135-98-8	sec-Butylbenzene	10.3	0.050	1.0	
98-06-6	tert-Butylbenzene	10.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.4	0.070	0.50	
75-15-0	Carbon Disulfide	12.3	0.050	10	
56-23-5	Carbon Tetrachloride	11.1	0.090	5.0	
108-90-7	Chlorobenzene	10.3	0.050	1.0	
124-48-1	Chlorodibromomethane	12.1	0.12	0.50	
75-00-3	Chloroethane	8.38	0.33	2.0	
67-66-3	Chloroform	12.0	0.040	2.0	
74-87-3	Chloromethane	7.41	0.13	2.0	
95-49-8	2-Chlorotoluene	11.2	0.050	10	
106-43-4	4-Chlorotoluene	11.1	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.70	0.48	5.0	R-05
106-93-4	1,2-Dibromoethane (EDB)	11.5	0.14	0.50	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.6	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.7	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.1	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	5.51	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	8.26	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.3	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.98	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.0	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.2	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.7	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.5	0.12	0.50	
60-29-7	Diethyl Ether	10.2	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	128	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.4	0.26	0.50	
591-78-6	2-Hexanone (MBK)	131	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.0	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.36	0.050	1.0	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042744-BSD1	File ID:	VC347042.D
Sampled:		Prepared:	12/14/11 06:41	Analyzed:	12/14/11 10:59
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042744	Sequence:	S001576	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	8.35	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	121	0.22	10	
91-20-3	Naphthalene	10.2	0.21	2.0	
103-65-1	n-Propylbenzene	11.3	0.040	1.0	
100-42-5	Styrene	11.0	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.92	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.2	0.18	0.50	
127-18-4	Tetrachloroethylene	10.7	0.14	1.0	
109-99-9	Tetrahydrofuran	13.2	1.0	10	L-07, V-20
108-88-3	Toluene	11.1	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.4	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.86	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.23	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.3	0.080	1.0	
79-01-6	Trichloroethylene	10.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.63	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.5	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.39	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.8	0.060	1.0	
75-01-4	Vinyl Chloride	7.36	0.16	2.0	
108383/106423	m+p Xylene	22.3	0.070	2.0	
95-47-6	o-Xylene	11.6	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	304362	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	425819	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	219829	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	212788	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	152079	26.62	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.48%				
49) TOLUENE SS	5.606	98	432090	25.26	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	167228	25.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38118	5.51	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.877	51	62566	7.07	UG/L		100
5) CHLOROMETHANE	0.952	50	54219	7.41	UG/L		98
6) VINYL CHLORIDE	0.999	62	62515	7.36	UG/L		100
7) BROMOMETHANE	1.150	94	28712	5.39	UG/L		99
8) CHLOROETHANE	1.195	64	37875	8.38	UG/L		97
9) FLUORODICHLOROMETHANE	1.281	67	119014	7.82	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	90552	9.63	UG/L		98
11) ETHANOL	1.448	45	35097	628.53	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	53091	10.16	UG/L		96
13) ACROLEIN	1.521	56	68133	136.95	UG/L		96
14) ACETONE	1.604	43	202706	123.74	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	100517	8.26	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	56165	8.39	UG/L		96
17) IODOMETHANE	1.655	142	86674	17.38	UG/L	#	100
20) METHYL ACETATE	1.786	43	49417	3.89	UG/L		97
21) T-BUTYL ALCOHOL	1.934	59	44127	102.99	UG/L	#	79
22) ACRYLONITRILE	2.009	53	25535	9.58	UG/L		100
23) METHYLENE CHLORIDE	1.844	49	98241	8.35	UG/L		98
24) CARBON DISULFIDE	1.691	76	163968	12.33	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	169693	9.36	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.023	61	101804	9.98	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	120116	10.61	UG/L		98
28) VINYL ACETATE	2.377	43	1423756	112.93	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	211489	10.59	UG/L		98
31) 2-BUTANONE	2.868	43	271111	127.73	UG/L		98
32) T-BUTYL ETHYL ETHER	2.706	59	184385	10.37	UG/L		99
33) CIS-1,2-DICHLOROETHENE	2.837	61	109371	11.29	UG/L		97
34) 2,2-DICHLOROPROPANE	2.829	77	65743	11.17	UG/L		99
35) ETHYL ACETATE	2.940	43	60644	13.48	UG/L	#	89
38) BROMOCHLOROMETHANE	3.077	49	62670	12.32	UG/L		94
39) TETRAHYDROFURAN	3.133	42	18264m	13.15	UG/L		
40) CHLOROFORM	3.174	83	125306	12.05	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	96611	11.46	UG/L		96
42) CYCLOHEXANE	3.392	56	103397	11.42	UG/L		98
43) CARBON TETRACHLORIDE	3.509	117	78348	11.11	UG/L		98
44) 1,1-DICHLOROPROPENE	3.515	75	89597	11.55	UG/L		98
45) BENZENE	3.724	78	250724	11.58	UG/L		99
47) T-AMYLMETHYL ETHER	3.872	73	132223	10.23	UG/L	#	88
50) 1,2-DICHLOROETHANE	3.755	62	104722	11.59	UG/L		98
51) TRICHLOROETHENE	4.388	95	63980	10.69	UG/L		97
52) METHYLCYCLOHEXANE	4.566	83	77290	10.29	UG/L		98
53) 1,2-DICHLOROPROPANE	4.613	63	63033	11.01	UG/L		97
54) DIBROMOMETHANE	4.722	93	42472	11.31	UG/L		98
56) 1,4-DIOXANE	4.781	88	5501m	127.65	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

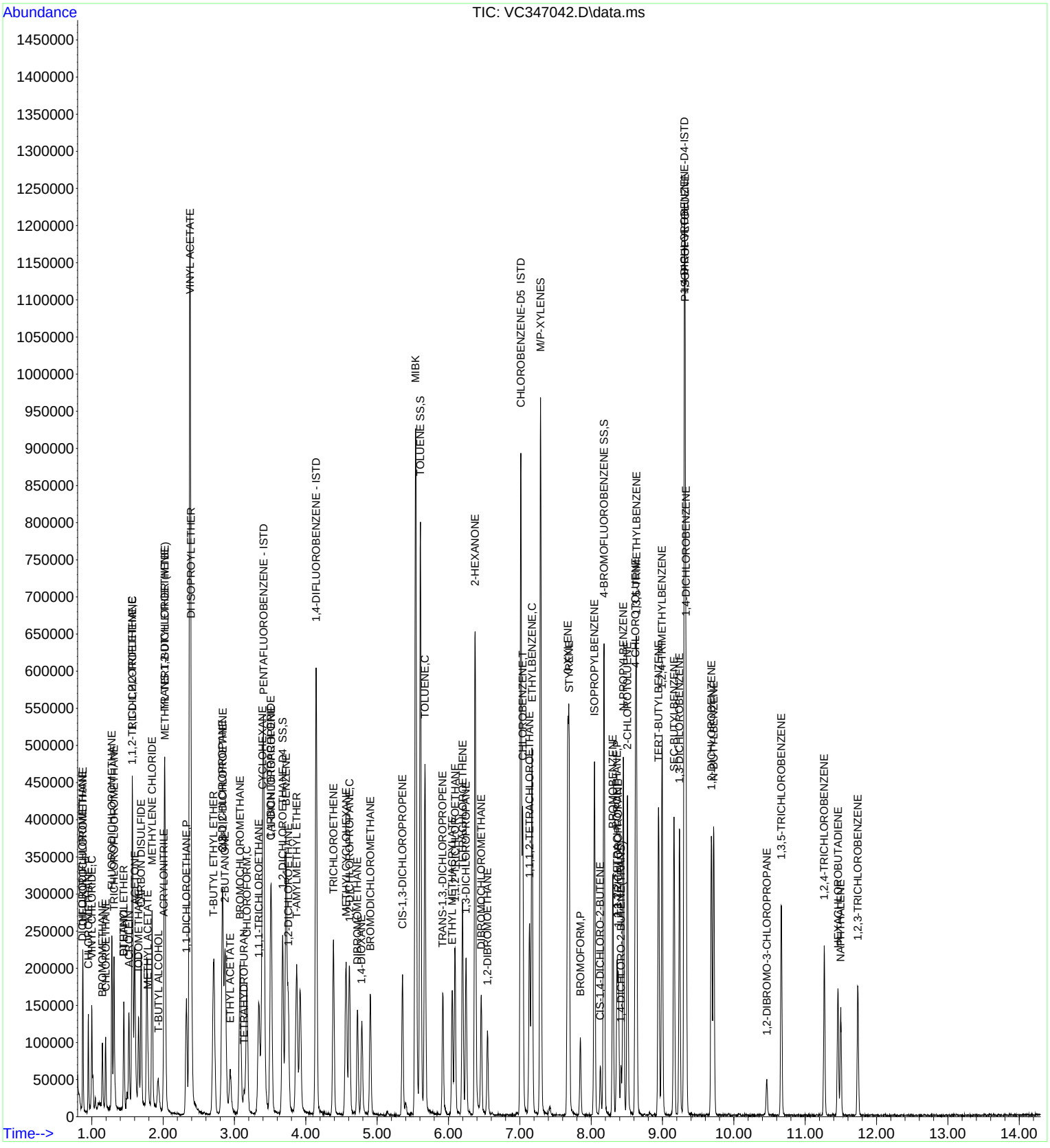
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	82332	9.23	UG/L		98
59)	MIBK	5.539	43	560911	120.85	UG/L		98
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	84632	11.73	UG/L		98
61)	TOLUENE	5.670	91	270374	11.10	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.918	75	68967	12.50	UG/L		96
63)	ETHYL METHACRYLATE	6.052	69	66433	10.01	UG/L		98
64)	1,1,2-TRICHLOROETHANE	6.091	97	54918	10.33	UG/L		99
65)	2-HEXANONE	6.373	43	371052	130.69	UG/L		95
66)	TETRACHLOROETHENE	6.200	166	66756	10.68	UG/L		99
67)	1,3-DICHLOROPROPANE	6.245	76	93634	11.47	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.460	129	63792	12.06	UG/L		98
69)	1,2-DIBROMOETHANE	6.546	107	59291	11.53	UG/L		96
72)	CHLOROBENZENE	7.040	112	168700	10.30	UG/L		97
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	54908	9.92	UG/L		100
74)	ETHYLBENZENE	7.171	91	302619	11.09	UG/L		98
75)	M/P-XYLENES	7.290	91	471660	22.34	UG/L		98
76)	0-XYLENE	7.673	91	241331	11.63	UG/L		98
77)	STYRENE	7.692	104	180796	11.02	UG/L		96
78)	BROMOFORM	7.851	173	38698	10.85	UG/L		96
79)	ISOPROPYLBENZENE	8.046	105	267338	13.05	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	12908	7.65	UG/L	#	67
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	72545	11.20	UG/L		99
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	13062	10.08	UG/L	#	83
83)	BROMOBENZENE	8.303	77	108105	10.74	UG/L		97
84)	1,2,3-TRICHLOROPROPANE	8.381	75	55789	11.52	UG/L		99
85)	N-PROPYLBENZENE	8.451	91	309503	11.33	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	194408	11.25	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	217618	10.81	UG/L		97
88)	4-CHLOROTOLUENE	8.621	91	225422	11.07	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	173448	10.53	UG/L		95
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	228601	11.30	UG/L		97
92)	SEC-BUTYLBENZENE	9.162	105	238414	10.32	UG/L		98
93)	1,3-DICHLOROBENZENE	9.237	146	128990	10.70	UG/L		98
94)	P-ISOPROPYLTOLUENE	9.318	119	210028	11.45	UG/L		98
95)	1,4-DICHLOROBENZENE	9.329	146	132871	10.82	UG/L		98
96)	N-BUTYLBENZENE	9.717	91	181405	10.06	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	124743	10.64	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.464	75	9425	9.70	UG/L		90
99)	1,3,5-TRICHLOROBENZENE	10.665	180	76553	9.23	UG/L		97
100)	1,2,4-TRICHLOROBENZENE	11.267	180	55610	9.86	UG/L		100
101)	HEXACHLOROBUTADIENE	11.462	225	28914	10.39	UG/L		98
102)	NAPHTHALENE	11.499	128	86856	10.24	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	44614	10.41	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347042.D Vial: 41
Acq On : 14 Dec 2011 10:59 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 14 14:38:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	R-05
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	10	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	10	R-05
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BLK1	File ID:	VC347078.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 05:06
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	R-05
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347078.D Vial: 77
Acq On : 15 Dec 2011 5:06 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:31:43 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	257406	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	354219	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	179634	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	167370	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	128254	26.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.16%			
49) TOLUENE SS	5.606	98	344952	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.96%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	123760	23.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.44%			
Target Compounds						Qvalue
14) ACETONE	1.610	43	1336m	0.96	UG/L	
17) IODOMETHANE	1.657	142	4905m	11.37	UG/L	
35) ETHYL ACETATE	2.943	43	733	Below Cal	#	68

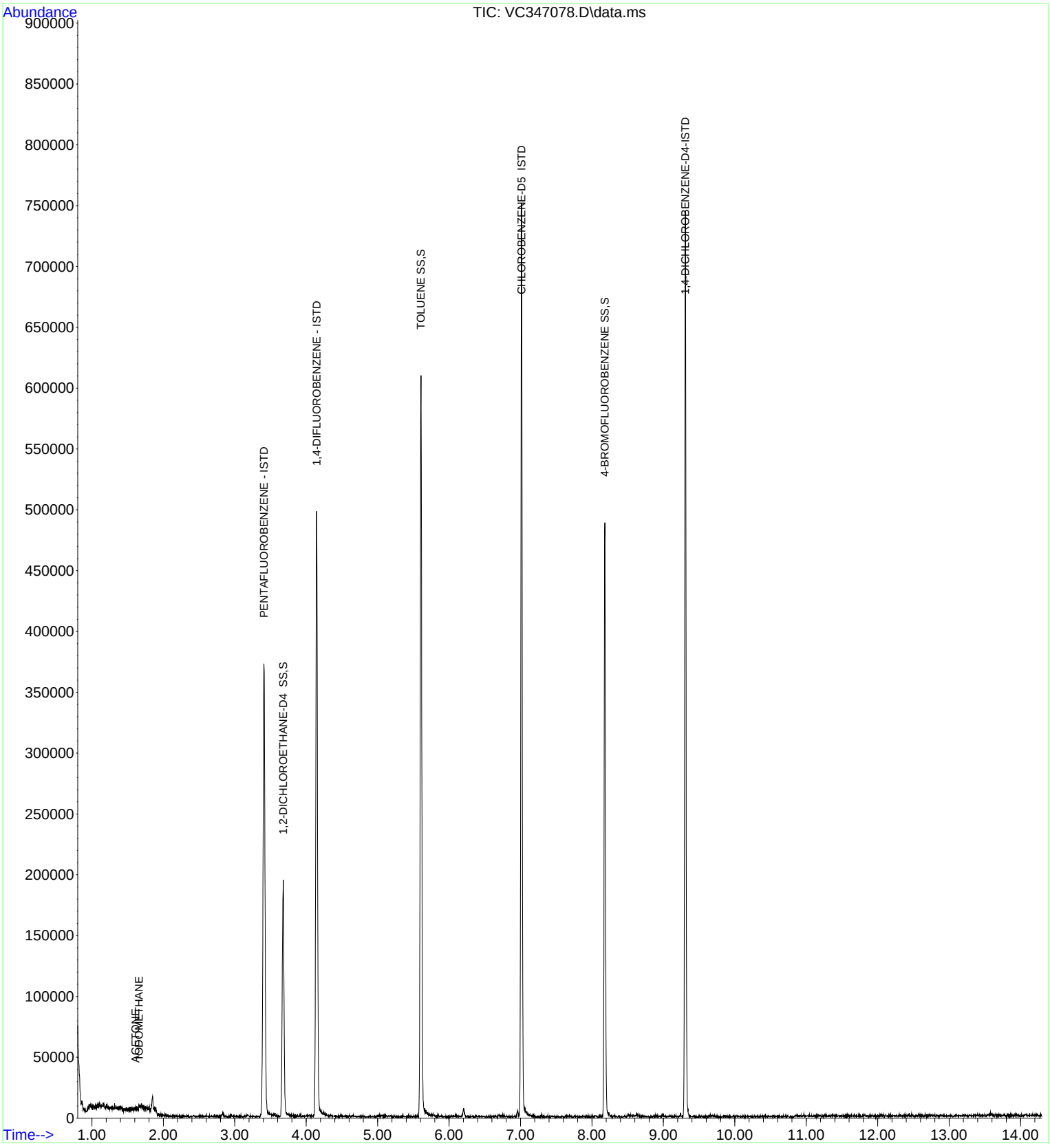
(#) = qualifier out of range (m) = manual integration (+) = signals summed

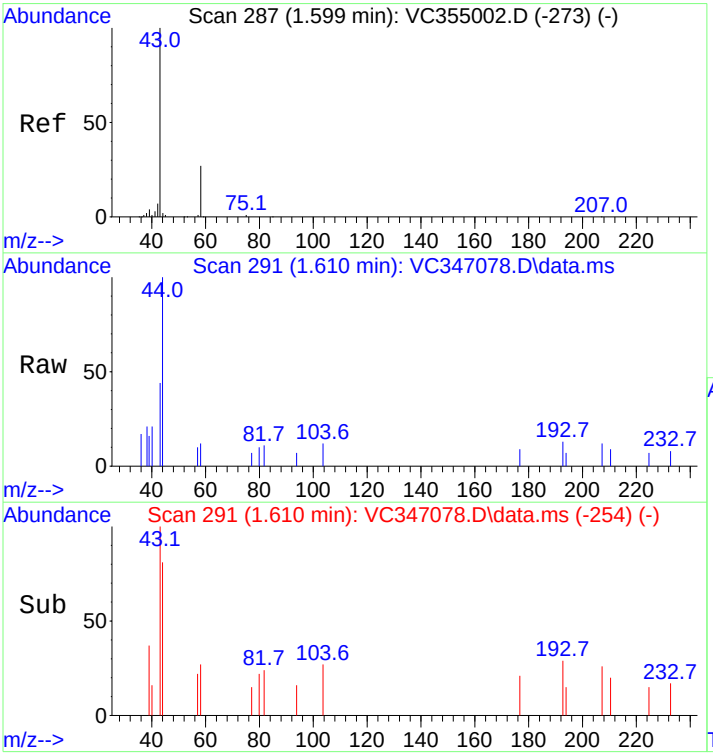
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347078.D
Acq On : 15 Dec 2011 5:06 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 15 07:31:43 2011

Vial: 77
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

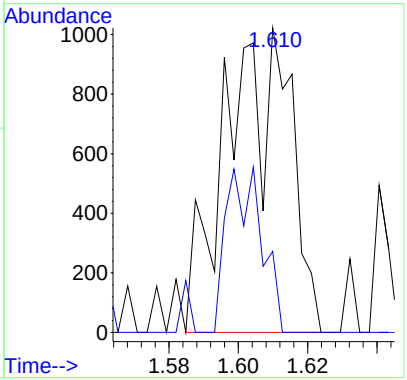


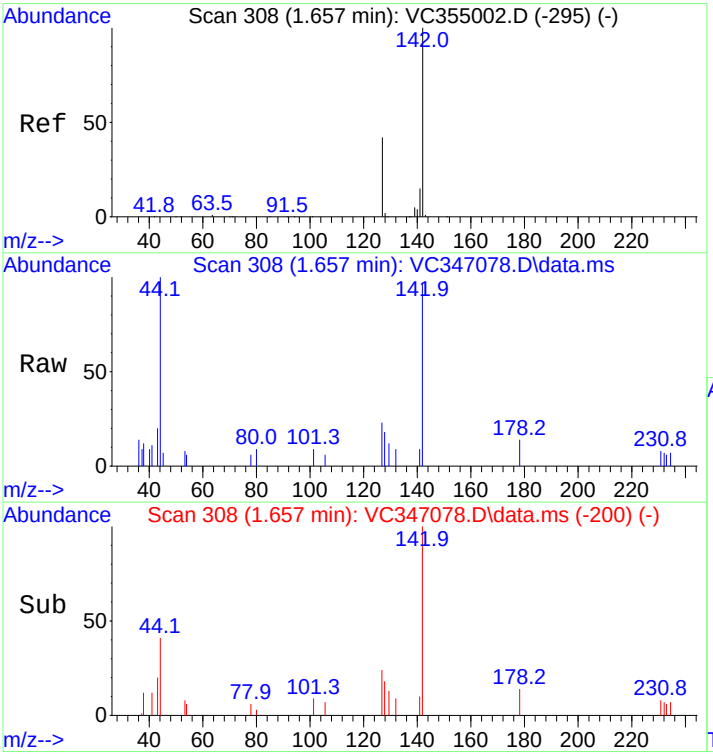


#14
ACETONE
Concen: 0.96 UG/L m
RT: 1.610 min Scan# 291
Delta R.T. 0.009 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

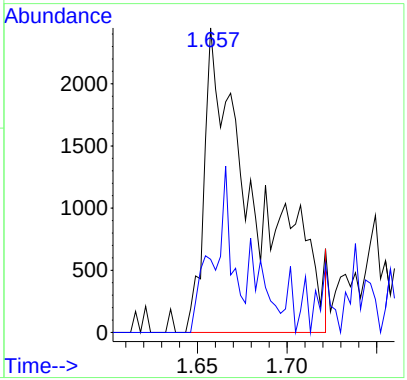


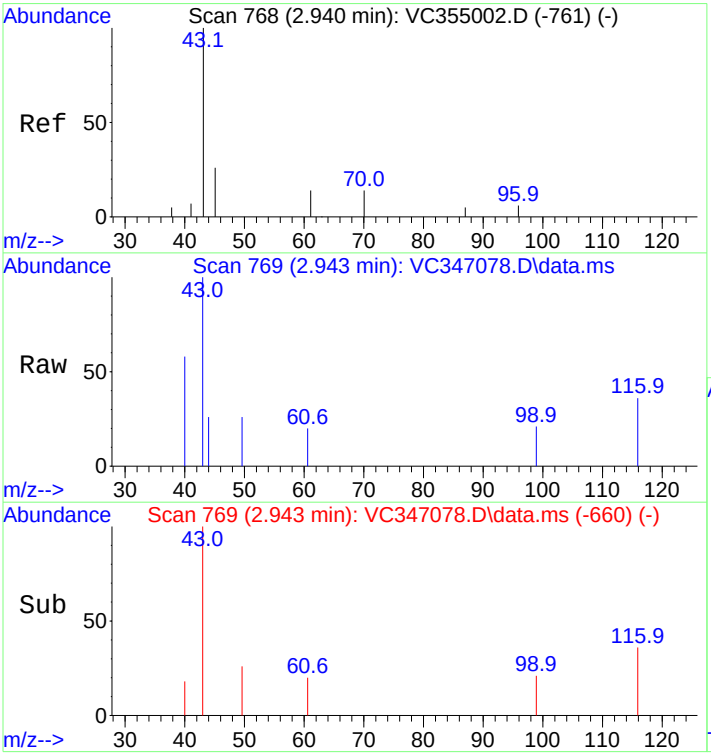


#17
IODOMETHANE
Concen: 11.37 UG/L m
RT: 1.657 min Scan# 308
Delta R.T. 0.000 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

Tgt Ion:142 Resp: 4905

Ion	Ratio	Lower	Upper
142	100		
127	0.0	0.0	0.0

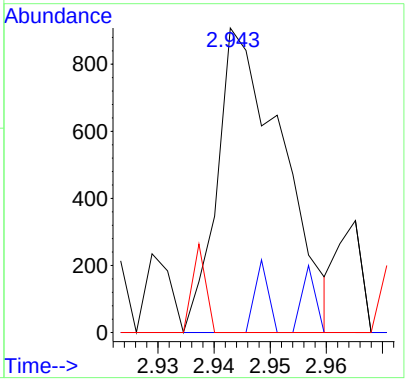




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC347078.D
Acq: 15 Dec 2011 5:06 am

Tgt Ion: 43 Resp: 733

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	148	0.54	50	
107-13-1	Acrylonitrile	12.0	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.0	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	9.47	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	V-20
75-27-4	Bromodichloromethane	8.50	0.080	0.50	
75-25-2	Bromoform	11.9	0.25	1.0	
74-83-9	Bromomethane	5.65	0.38	2.0	
78-93-3	2-Butanone (MEK)	122	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	127	3.5	20	V-16
104-51-8	n-Butylbenzene	7.37	0.050	1.0	R-05
135-98-8	sec-Butylbenzene	8.15	0.050	1.0	
98-06-6	tert-Butylbenzene	8.47	0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.95	0.070	0.50	
75-15-0	Carbon Disulfide	14.5	0.050	10	L-02
56-23-5	Carbon Tetrachloride	10.7	0.090	5.0	
108-90-7	Chlorobenzene	9.25	0.050	1.0	
124-48-1	Chlorodibromomethane	11.4	0.12	0.50	V-20
75-00-3	Chloroethane	10.1	0.33	2.0	
67-66-3	Chloroform	10.8	0.040	2.0	
74-87-3	Chloromethane	9.34	0.13	2.0	
95-49-8	2-Chlorotoluene	10.1	0.050	10	R-05
106-43-4	4-Chlorotoluene	9.67	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.44	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.8	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.60	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.42	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.44	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.89	0.77	2.0	R-05
75-71-8	Dichlorodifluoromethane (Freon 12)	6.75	0.040	2.0	
75-34-3	1,1-Dichloroethane	12.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.2	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.41	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.2	0.20	1.0	
142-28-9	1,3-Dichloropropane	13.6	0.080	0.50	L-07
594-20-7	2,2-Dichloropropane	8.97	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.0	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.4	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	11.4	0.12	0.50	
60-29-7	Diethyl Ether	11.8	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.3	0.030	0.50	
123-91-1	1,4-Dioxane	142	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	9.28	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.25	0.26	0.50	
591-78-6	2-Hexanone (MBK)	138	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.6	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.3	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BS1	File ID:	VC347075.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 03:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.43	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	116	0.22	10	V-20
91-20-3	Naphthalene	9.63	0.21	2.0	
103-65-1	n-Propylbenzene	10.0	0.040	1.0	R-05
100-42-5	Styrene	12.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.92	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.91	0.18	0.50	
127-18-4	Tetrachloroethylene	12.6	0.14	1.0	
109-99-9	Tetrahydrofuran	10.7	1.0	10	V-20
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.84	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.13	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.08	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.5	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.2	0.080	1.0	
79-01-6	Trichloroethylene	10.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.21	2.0	R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.57	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.15	0.060	1.0	
75-01-4	Vinyl Chloride	8.73	0.16	2.0	
108383/106423	m+p Xylene	19.8	0.070	2.0	
95-47-6	o-Xylene	12.5	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D Vial: 74
Acq On : 15 Dec 2011 3:35 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:29:04 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	249671	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	359060	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	203977	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	208307	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	129107	27.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.20%				
49) TOLUENE SS	5.609	98	367444	25.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.88%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	173372	28.81	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	38299	6.75	UG/L		96
4) DIFLUOROCHLOROMETHANE	0.876	51	69297	9.55	UG/L		98
5) CHLOROMETHANE	0.952	50	56107	9.34	UG/L		97
6) VINYL CHLORIDE	0.999	62	60818	8.73	UG/L		97
7) BROMOMETHANE	1.147	94	25024	5.65	UG/L		96
8) CHLOROETHANE	1.192	64	37581	10.14	UG/L		100
9) FLUORODICHLOROMETHANE	1.281	67	120301	9.40	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	89328	11.58	UG/L		99
12) DI ETHYL ETHER	1.448	59	50501	11.79	UG/L		99
13) ACROLEIN	1.521	56	65269	157.54	UG/L		97
14) ACETONE	1.601	43	198316	147.58	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	95595	9.41	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	53637	9.57	UG/L		93
17) IODOMETHANE	1.654	142	119084	21.72	UG/L	#	100
20) METHYL ACETATE	1.786	43	56044	5.38	UG/L		97
21) T-BUTYL ALCOHOL	1.931	59	44776	127.40	UG/L	#	82
22) ACRYLONITRILE	2.006	53	26317	12.03	UG/L		92
23) METHYLENE CHLORIDE	1.844	49	91077	9.43	UG/L		99
24) CARBON DISULFIDE	1.691	76	172678	14.54	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.023	73	160216	10.78	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.020	61	98420	11.76	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	116530	12.55	UG/L		99
28) VINYL ACETATE	2.377	43	1236458	119.26	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	201342	12.29	UG/L		98
31) 2-BUTANONE	2.870	43	211608	121.53	UG/L		99
32) T-BUTYL ETHYL ETHER	2.711	59	145145	9.95	UG/L		100
33) CIS-1,2-DICHLOROETHENE	2.834	61	84532	10.64	UG/L		99
34) 2,2-DICHLOROPROPANE	2.831	77	43316	8.97	UG/L	#	82
35) ETHYL ACETATE	2.946	43	45021	12.01	UG/L	#	86
38) BROMOCHLOROMETHANE	3.079	49	45667	10.95	UG/L		99
39) TETRAHYDROFURAN	3.132	42	12226	10.73	UG/L	#	84
40) CHLOROFORM	3.174	83	91741	10.76	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	72690	10.51	UG/L		96
42) CYCLOHEXANE	3.386	56	73845	9.94	UG/L		98
43) CARBON TETRACHLORIDE	3.503	117	61739	10.67	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	70148	11.03	UG/L		98
45) BENZENE	3.724	78	188391	10.61	UG/L		98
47) T-AMYLMETHYL ETHER	3.871	73	106219	10.02	UG/L	#	80
50) 1,2-DICHLOROETHANE	3.752	62	77989	10.24	UG/L		100
51) TRICHLOROETHENE	4.387	95	53230	10.55	UG/L		98
52) METHYLCYCLOHEXANE	4.566	83	56961	8.99	UG/L		99
53) 1,2-DICHLOROPROPANE	4.613	63	49254	10.20	UG/L		96
54) DIBROMOMETHANE	4.722	93	34271	10.82	UG/L		95
56) 1,4-DIOXANE	4.783	88	5145m	141.58	UG/L		
57) BROMODICHLOROMETHANE	4.900	83	63733	8.50	UG/L	#	98

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D Vial: 74
Acq On : 15 Dec 2011 3:35 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:29:04 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.539	43	452032	115.50	UG/L		98
60) CIS-1,3-DICHLOROPROPENE	5.355	75	63314	10.41	UG/L		99
61) TOLUENE	5.670	91	214083	10.43	UG/L		99
62) TRANS-1,3,-DICHLOROPRO...	5.918	75	53040	11.40	UG/L		97
63) ETHYL METHACRYLATE	6.055	69	53324	9.57	UG/L		99
64) 1,1,2-TRICHLOROETHANE	6.091	97	45608	10.18	UG/L		99
65) 2-HEXANONE	6.373	43	331029	138.27	UG/L		96
66) TETRACHLOROETHENE	6.197	166	66436	12.61	UG/L		100
67) 1,3-DICHLOROPROPANE	6.247	76	93666	13.60	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	51074	11.45	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	47595	10.98	UG/L		96
72) CHLOROBENZENE	7.042	112	140585	9.25	UG/L		97
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	45833	8.92	UG/L		96
74) ETHYLBENZENE	7.170	91	234945	9.28	UG/L		97
75) M/P-XYLENES	7.290	91	387899	19.80	UG/L		100
76) 0-XYLENE	7.672	91	240192	12.47	UG/L		97
77) STYRENE	7.689	104	187106	12.29	UG/L		96
78) BROMOFORM	7.848	173	39285	11.87	UG/L		97
79) ISOPROPYLBENZENE	8.046	105	258214	13.59	UG/L		100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	13101	8.35	UG/L	#	72
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	59603	9.91	UG/L		98
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	11891	9.89	UG/L		92
83) BROMOBENZENE	8.305	77	88485	9.47	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.383	75	46434	10.33	UG/L		97
85) N-PROPYLBENZENE	8.450	91	254070	10.02	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	161853	10.09	UG/L		99
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	170915	9.15	UG/L		99
88) 4-CHLOROTOLUENE	8.620	91	182703	9.67	UG/L		98
90) TERT-BUTYLBENZENE	8.947	119	136476	8.47	UG/L		98
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	200171	10.11	UG/L		97
92) SEC-BUTYLBENZENE	9.162	105	184212	8.15	UG/L		99
93) 1,3-DICHLOROBENZENE	9.240	146	111205	9.42	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	185473	10.33	UG/L		97
95) 1,4-DICHLOROBENZENE	9.329	146	113397	9.44	UG/L		99
96) N-BUTYLBENZENE	9.719	91	141821	7.37	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	110222	9.60	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.458	75	8976	9.44	UG/L		90
99) 1,3,5-TRICHLOROBENZENE	10.665	180	65523	8.08	UG/L		99
100) 1,2,4-TRICHLOROBENZENE	11.267	180	42693	8.13	UG/L		96
101) HEXACHLOROBUTADIENE	11.459	225	24951	9.25	UG/L	#	72
102) NAPHTHALENE	11.496	128	75295	9.63	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.738	180	40157	9.84	UG/L		99

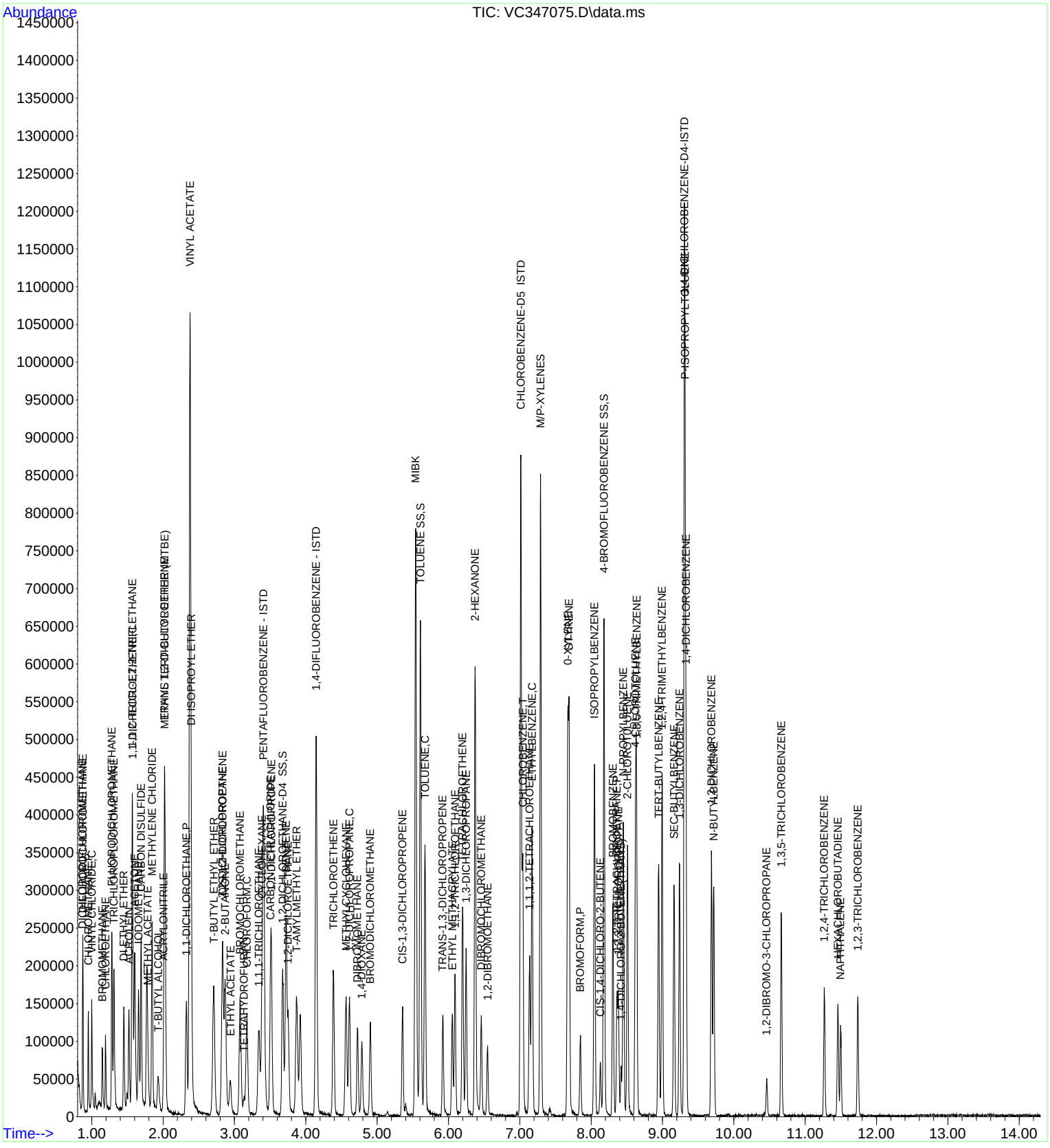
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347075.D
Acq On : 15 Dec 2011 3:35 am
Sample : B0-BS1
Misc :
Quant Time: Dec 15 07:29:04 2011

Vial: 74
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	141	0.54	50	
107-13-1	Acrylonitrile	11.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.7	0.11	0.50	
71-43-2	Benzene	11.5	0.050	1.0	
108-86-1	Bromobenzene	11.0	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	V-20
75-27-4	Bromodichloromethane	10.2	0.080	0.50	
75-25-2	Bromoform	13.1	0.25	1.0	L-07
74-83-9	Bromomethane	6.77	0.38	2.0	
78-93-3	2-Butanone (MEK)	120	0.41	20	V-20
75-65-0	tert-Butyl Alcohol (TBA)	118	3.5	20	V-16
104-51-8	n-Butylbenzene	10.6	0.050	1.0	R-05
135-98-8	sec-Butylbenzene	9.80	0.050	1.0	
98-06-6	tert-Butylbenzene	11.3	0.050	1.0	R-05
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.6	0.070	0.50	
75-15-0	Carbon Disulfide	14.8	0.050	10	L-02
56-23-5	Carbon Tetrachloride	11.2	0.090	5.0	
108-90-7	Chlorobenzene	11.0	0.050	1.0	
124-48-1	Chlorodibromomethane	11.9	0.12	0.50	V-20
75-00-3	Chloroethane	10.0	0.33	2.0	
67-66-3	Chloroform	11.6	0.040	2.0	
74-87-3	Chloromethane	9.22	0.13	2.0	
95-49-8	2-Chlorotoluene	13.6	0.050	10	R-05, L-07A
106-43-4	4-Chlorotoluene	11.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.6	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	14.0	0.14	0.50	L-07

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LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.4	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	12.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	13.8	0.77	2.0	L-07A, R-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.31	0.040	2.0	
75-34-3	1,1-Dichloroethane	12.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	11.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.74	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.9	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	12.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.09	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.5	0.12	0.50	
60-29-7	Diethyl Ether	12.2	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.7	0.030	0.50	
123-91-1	1,4-Dioxane	138	3.5	50	L-02, V-16, V-20
100-41-4	Ethylbenzene	10.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.1	0.26	0.50	
591-78-6	2-Hexanone (MBK)	119	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	13.1	0.060	1.0	L-02
99-87-6	p-Isopropyltoluene (p-Cymene)	10.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.9	0.050	1.0	

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LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0228
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B042817-BSD1	File ID:	VC347076.D
Sampled:		Prepared:	12/14/11 08:36	Analyzed:	12/15/11 04:05
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B042817	Sequence:	S001577	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	9.64	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	115	0.22	10	V-20
91-20-3	Naphthalene	9.33	0.21	2.0	
103-65-1	n-Propylbenzene	13.9	0.040	1.0	L-07A, R-05
100-42-5	Styrene	12.3	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.18	0.50	
127-18-4	Tetrachloroethylene	11.1	0.14	1.0	
109-99-9	Tetrahydrofuran	10.9	1.0	10	V-20
108-88-3	Toluene	11.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.25	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.99	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.1	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.080	1.0	
79-01-6	Trichloroethylene	11.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.9	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	14.5	0.21	2.0	L-07A, R-05
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	9.42	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	9.03	0.16	2.0	
108383/106423	m+p Xylene	22.6	0.070	2.0	
95-47-6	o-Xylene	11.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347076.D Vial: 75
Acq On : 15 Dec 2011 4:05 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:30:30 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	250883	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	341984	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	174307	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	180595	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	121964	25.90	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.60%				
49) TOLUENE SS	5.606	98	351578	25.59	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.36%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	132820	25.83	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.32%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	41716	7.31	UG/L		95
4) DIFLUOROCHLOROMETHANE	0.877	51	70555	9.67	UG/L		99
5) CHLOROMETHANE	0.952	50	55617	9.22	UG/L		99
6) VINYL CHLORIDE	1.002	62	63222	9.03	UG/L		99
7) BROMOMETHANE	1.150	94	31531	6.77	UG/L		99
8) CHLOROETHANE	1.195	64	37254	10.00	UG/L		97
9) FLUORODICHLOROMETHANE	1.284	67	121613	9.45	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.312	101	91892	11.86	UG/L		99
12) DI ETHYL ETHER	1.451	59	52409	12.17	UG/L		99
13) ACROLEIN	1.521	56	63799	153.64	UG/L		98
14) ACETONE	1.602	43	191001	141.45	UG/L		97
15) 1,1-DICHLOROETHENE	1.571	61	99749	9.74	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	52940	9.42	UG/L		99
17) IODOMETHANE	1.657	142	103837	20.29	UG/L	#	100
20) METHYL ACETATE	1.789	43	54114	5.17	UG/L		98
21) T-BUTYL ALCOHOL	1.928	59	41832	118.44	UG/L	#	84
22) ACRYLONITRILE	2.012	53	25071	11.41	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	93508	9.64	UG/L		99
24) CARBON DISULFIDE	1.694	76	178280	14.81	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.026	73	163138	10.92	UG/L		99
26) TRANS 1,2-DICHLOROETHENE	2.023	61	101761	12.10	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	117693	12.62	UG/L		99
28) VINYL ACETATE	2.377	43	1268481	121.65	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	209597	12.73	UG/L		97
31) 2-BUTANONE	2.870	43	210801	120.48	UG/L		99
32) T-BUTYL ETHYL ETHER	2.712	59	155597	10.61	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.834	61	87253	10.92	UG/L		99
34) 2,2-DICHLOROPROPANE	2.834	77	44091m	9.09	UG/L		
35) ETHYL ACETATE	2.946	43	48870m	13.13	UG/L		
38) BROMOCHLOROMETHANE	3.077	49	47510	11.33	UG/L		94
39) TETRAHYDROFURAN	3.135	42	12488	10.91	UG/L	#	67
40) CHLOROFORM	3.177	83	99571	11.62	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	82003	11.80	UG/L		96
42) CYCLOHEXANE	3.386	56	81988	10.98	UG/L		97
43) CARBON TETRACHLORIDE	3.509	117	65170	11.21	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	73888	11.56	UG/L		99
45) BENZENE	3.727	78	205427	11.51	UG/L		100
47) T-AMYLMETHYL ETHER	3.872	73	114257	10.73	UG/L	#	88
50) 1,2-DICHLOROETHANE	3.754	62	84459	11.64	UG/L		99
51) TRICHLOROETHENE	4.388	95	53039	11.04	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	64539	10.70	UG/L		97
53) 1,2-DICHLOROPROPANE	4.613	63	48383	10.52	UG/L		90
54) DIBROMOMETHANE	4.725	93	34374	11.40	UG/L		99
56) 1,4-DIOXANE	4.786	88	4784m	138.22	UG/L		
57) BROMODICHLOROMETHANE	4.909	83	73163	10.17	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121311\VC347076.D Vial: 75
Acq On : 15 Dec 2011 4:05 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 15 07:30:30 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

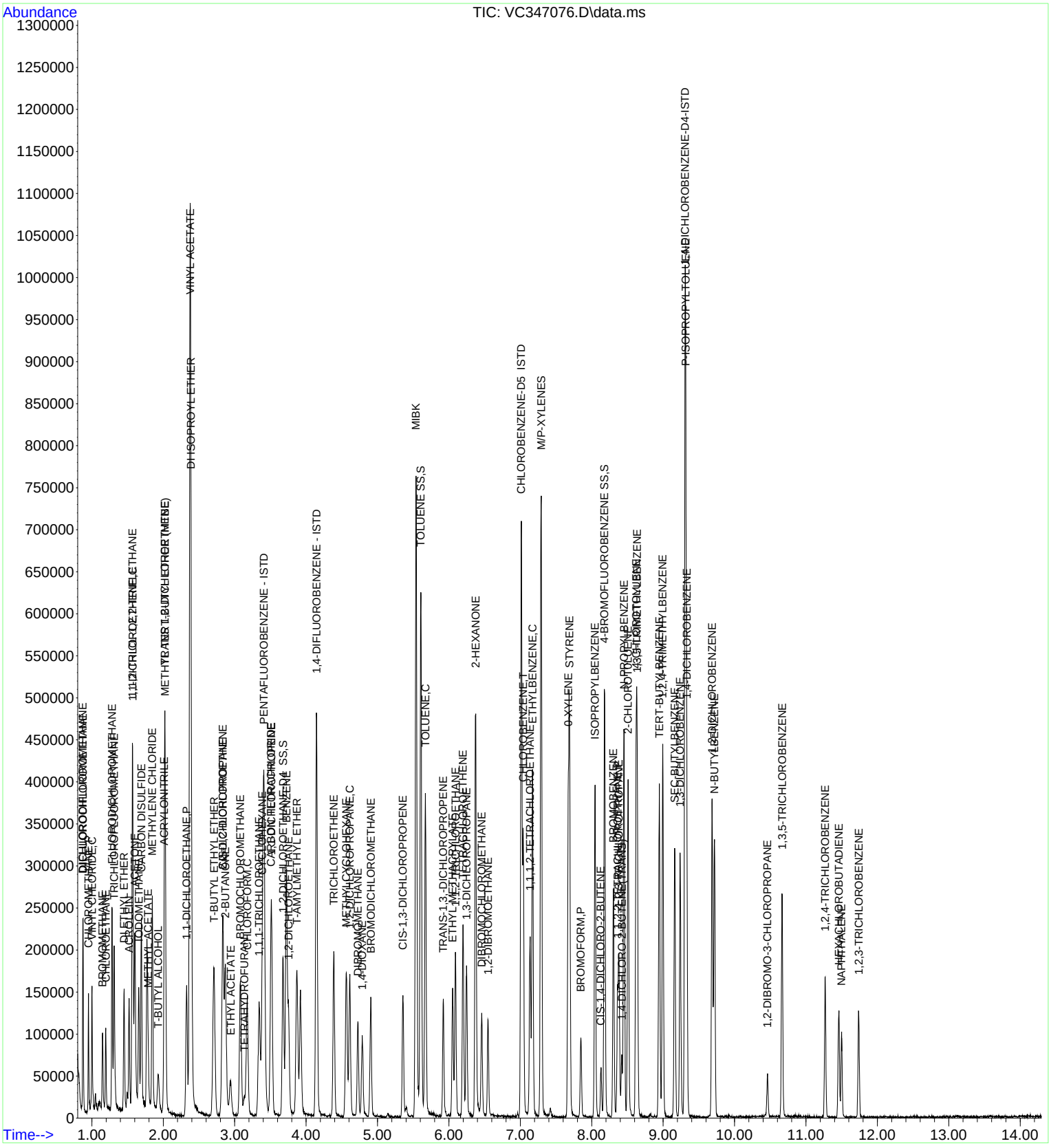
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) MIBK	5.539	43	427222	114.61	UG/L		97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	63852	11.02	UG/L		99
61) TOLUENE	5.670	91	218968	11.20	UG/L		100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	55557	12.54	UG/L		100
63) ETHYL METHACRYLATE	6.052	69	57583	10.72	UG/L		94
64) 1,1,2-TRICHLOROETHANE	6.091	97	47959	11.23	UG/L		99
65) 2-HEXANONE	6.376	43	271942	119.26	UG/L		96
66) TETRACHLOROETHENE	6.197	166	55674	11.09	UG/L		98
67) 1,3-DICHLOROPROPANE	6.248	76	79415	12.11	UG/L		98
68) DIBROMOCHLOROMETHANE	6.459	129	50736	11.94	UG/L		98
69) 1,2-DIBROMOETHANE	6.549	107	57769	13.99	UG/L		100
72) CHLOROBENZENE	7.040	112	143151	11.02	UG/L		99
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	45309	10.32	UG/L		99
74) ETHYLBENZENE	7.171	91	236812	10.94	UG/L		99
75) M/P-XYLENES	7.293	91	377541	22.55	UG/L		99
76) 0-XYLENE	7.673	91	195535	11.88	UG/L		98
77) STYRENE	7.689	104	159682	12.28	UG/L		97
78) BROMOFORM	7.848	173	36978	13.08	UG/L		98
79) ISOPROPYLBENZENE	8.046	105	212945	13.11	UG/L		99
80) CIS-1,4-DICHLORO-2-BUTENE	8.127	53	10995	8.20	UG/L	#	57
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	60364	11.75	UG/L		97
82) 1,4-DICHLORO-2-BUTENE(...	8.425	53	14191	13.81	UG/L	#	83
83) BROMOBENZENE	8.303	77	88150	11.04	UG/L		98
84) 1,2,3-TRICHLOROPROPANE	8.381	75	55654	14.49	UG/L		98
85) N-PROPYLBENZENE	8.453	91	301708	13.93	UG/L		99
86) 2-CHLOROT0LUENE	8.509	91	186731	13.63	UG/L		100
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	181303	11.36	UG/L		96
88) 4-CHLOROTOLUENE	8.623	91	188587	11.68	UG/L		99
90) TERT-BUTYLBENZENE	8.947	119	158401	11.34	UG/L		97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	195183	11.37	UG/L		99
92) SEC-BUTYLBENZENE	9.162	105	192082	9.80	UG/L		100
93) 1,3-DICHLOROBENZENE	9.237	146	104874	10.25	UG/L		99
94) P-ISOPROPYLTOLUENE	9.318	119	170148	10.93	UG/L		98
95) 1,4-DICHLOROBENZENE	9.332	146	110526	10.61	UG/L		99
96) N-BUTYLBENZENE	9.719	91	160813	10.65	UG/L		98
97) 1,2-DICHLOROBENZENE	9.686	146	122825	12.34	UG/L		99
98) 1,2-DIBROMO-3-CHLOROPR...	10.461	75	8698	10.55	UG/L		98
99) 1,3,5-TRICHLOROBENZENE	10.668	180	71303	10.11	UG/L		95
100) 1,2,4-TRICHLOROBENZENE	11.270	180	42091	8.99	UG/L		96
101) HEXACHLOROBUTADIENE	11.462	225	23708	10.07	UG/L	#	67
102) NAPHTHALENE	11.499	128	61276	9.33	UG/L		98
103) 1,2,3-TRICHLOROBENZENE	11.741	180	31623	9.25	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121311\VC347076.D
Acq On : 15 Dec 2011 4:05 am
Sample : B0-BSD1
Misc :
Quant Time: Dec 15 07:30:30 2011

Vial: 75
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 15 07:26:58 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Data Package

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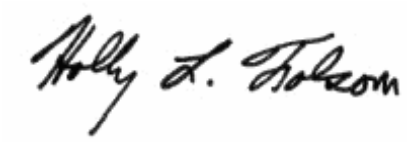
December 19, 2011

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 11L0394

Enclosed are results of analyses for samples received by the laboratory on December 10, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 12/19/2011

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11L0394

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
TB-120811	11L0394-01	Trip Blank Water		SW-846 8260C	
PW21-100	11L0394-02	Ground Water		SW-846 8260C	
PW21-125	11L0394-03	Ground Water		SW-846 8260C	
PW21-150	11L0394-04	Ground Water		SW-846 8260C	
PW21-175	11L0394-05	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Methylene Chloride

11L0394-01[TB-120811], 11L0394-02[PW21-100], 11L0394-03[PW21-125], 11L0394-04[PW21-150], 11L0394-05[PW21-175], B043044-BLK1, B043044-BS1, B043044-BSD1, B043044-MS1, B043044-MSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Carbon Disulfide, Isopropylbenzene (Cumene), trans-1,3-Dichloropropene

B043044-BS1

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Bromomethane, Chloromethane, Dichlorodifluoromethane (Freon 12), Vinyl Chloride

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Methylene Chloride

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Isopropylbenzene (Cumene)

11L0394-02[PW21-100], B043044-MS1, B043044-MSD1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,1,2,2-Tetrachloroethane

B043044-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

11L0394-01[TB-120811], 11L0394-02[PW21-100], 11L0394-03[PW21-125], 11L0394-04[PW21-150], 11L0394-05[PW21-175], B043044-BLK1, B043044-BS1, B043044-BSD1, B043044-MS1, B043044-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, 2,2-Dichloropropane, Benzene, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Isopropylbenzene (Cumene), trans-1,3-Dichloropropene

B043044-BS1, B043044-BSD1

---

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: TB-120811 | Sampled: 12/8/2011 08:30

Sample ID: 11L0394-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: TB-120811 | Sampled: 12/8/2011 08:30

Sample ID: 11L0394-01

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 11:12	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:12	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.3	70-130		12/19/11 11:12
Toluene-d8	100	70-130		12/19/11 11:12
4-Bromofluorobenzene	104	70-130		12/19/11 11:12

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-100 | Sampled: 12/8/2011 08:40

Sample ID: 11L0394-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Bromomethane	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Chloromethane	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-100 | Sampled: 12/8/2011 08:40

Sample ID: 11L0394-02

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,4-Dioxane	ND	50	µg/L	1	MS-12, V-16	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1	MS-12	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04, MS-09	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
Vinyl Chloride	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	12/19/11	12/19/11 11:42	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 11:42	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 11:42
Toluene-d8	98.4	70-130		12/19/11 11:42
4-Bromofluorobenzene	103	70-130		12/19/11 11:42

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-125 | Sampled: 12/8/2011 10:10

Sample ID: 11L0394-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-125 | Sampled: 12/8/2011 10:10

Sample ID: 11L0394-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 12:13	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:13	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	98.3	70-130		12/19/11 12:13
Toluene-d8	97.1	70-130		12/19/11 12:13
4-Bromofluorobenzene	103	70-130		12/19/11 12:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-150 | Sampled: 12/8/2011 12:35

Sample ID: 11L0394-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-150 | Sampled: 12/8/2011 12:35

Sample ID: 11L0394-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 12:44	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Toluene	3.0	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 12:44	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 12:44
Toluene-d8	101	70-130		12/19/11 12:44
4-Bromofluorobenzene	106	70-130		12/19/11 12:44

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-175 | Sampled: 12/8/2011 14:30

Sample ID: 11L0394-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 11L0394

Date Received: 12/10/2011

Field Sample #: PW21-175 | Sampled: 12/8/2011 14:30

Sample ID: 11L0394-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Methylene Chloride	ND	5.0	µg/L	1	L-04	SW-846 8260C	12/19/11	12/19/11 13:15	TJR
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Toluene	1.9	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/11	12/19/11 13:15	TJR

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	100	70-130		12/19/11 13:15
Toluene-d8	99.5	70-130		12/19/11 13:15
4-Bromofluorobenzene	105	70-130		12/19/11 13:15

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
11L0394-01 [TB-120811]	B043044	5	5.00	12/19/11
11L0394-02 [PW21-100]	B043044	5	5.00	12/19/11
11L0394-03 [PW21-125]	B043044	5	5.00	12/19/11
11L0394-04 [PW21-150]	B043044	5	5.00	12/19/11
11L0394-05 [PW21-175]	B043044	5	5.00	12/19/11

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B										
Blank (B043044-BLK1)				Prepared & Analyzed: 12/19/11						
Acetone	ND	50	µg/L							
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
Blank (B043044-BLK1)				Prepared & Analyzed: 12/19/11								
Methylene Chloride	ND	5.0	µg/L								L-04	
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L									
Naphthalene	ND	2.0	µg/L									
n-Propylbenzene	ND	1.0	µg/L									
Styrene	ND	1.0	µg/L									
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L									
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L									
Tetrachloroethylene	ND	1.0	µg/L									
Tetrahydrofuran	ND	10	µg/L									
Toluene	ND	1.0	µg/L									
1,2,3-Trichlorobenzene	ND	5.0	µg/L									
1,2,4-Trichlorobenzene	ND	1.0	µg/L									
1,3,5-Trichlorobenzene	ND	1.0	µg/L									
1,1,1-Trichloroethane	ND	1.0	µg/L									
1,1,2-Trichloroethane	ND	1.0	µg/L									
Trichloroethylene	ND	1.0	µg/L									
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L									
1,2,3-Trichloropropane	ND	2.0	µg/L									
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L									
1,2,4-Trimethylbenzene	ND	1.0	µg/L									
1,3,5-Trimethylbenzene	ND	1.0	µg/L									
Vinyl Chloride	ND	2.0	µg/L									
m+p Xylene	ND	2.0	µg/L									
o-Xylene	ND	1.0	µg/L									
Surrogate: 1,2-Dichloroethane-d4	*23.9*		µg/L	25.0		95.6		70-130				
Surrogate: Toluene-d8	*25.1*		µg/L	25.0		100		70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104		70-130				
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11								
Acetone	88.2	50	µg/L	100		88.2		70-160				†
Acrylonitrile	9.09	5.0	µg/L	10.0		90.9		70-130				
tert-Amyl Methyl Ether (TAME)	11.4	0.50	µg/L	10.0		114		70-130				
Benzene	12.6	1.0	µg/L	10.0		126		70-130			V-20	
Bromobenzene	11.4	1.0	µg/L	10.0		114		70-130				
Bromochloromethane	11.0	1.0	µg/L	10.0		110		70-130				
Bromodichloromethane	9.56	0.50	µg/L	10.0		95.6		70-130				
Bromoform	12.0	1.0	µg/L	10.0		120		70-130				
Bromomethane	5.81	2.0	µg/L	10.0		58.1		40-160				†
2-Butanone (MEK)	108	20	µg/L	100		108		40-160				†
tert-Butyl Alcohol (TBA)	96.9	20	µg/L	100		96.9		40-160			V-16	†
n-Butylbenzene	9.91	1.0	µg/L	10.0		99.1		70-130				
sec-Butylbenzene	10.6	1.0	µg/L	10.0		106		70-130				
tert-Butylbenzene	11.0	1.0	µg/L	10.0		110		70-130				
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103		70-130				
Carbon Disulfide	14.1	4.0	µg/L	10.0		**141**	*	70-130			L-07	
Carbon Tetrachloride	11.8	5.0	µg/L	10.0		118		70-130				
Chlorobenzene	11.6	1.0	µg/L	10.0		116		70-130				
Chlorodibromomethane	12.4	0.50	µg/L	10.0		124		70-130			V-20	
Chloroethane	8.69	2.0	µg/L	10.0		86.9		70-130				
Chloroform	12.5	2.0	µg/L	10.0		125		70-130				
Chloromethane	8.68	2.0	µg/L	10.0		86.8		40-160				†
2-Chlorotoluene	12.2	1.0	µg/L	10.0		122		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11								
4-Chlorotoluene	11.9	1.0	µg/L	10.0		119		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.94	5.0	µg/L	10.0		79.4		70-130				
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0		118		70-130				
Dibromomethane	11.7	1.0	µg/L	10.0		117		70-130				
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110		70-130				
1,3-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130				
1,4-Dichlorobenzene	11.1	1.0	µg/L	10.0		111		70-130				
trans-1,4-Dichloro-2-butene	10.6	2.0	µg/L	10.0		106		70-130				
Dichlorodifluoromethane (Freon 12)	9.02	2.0	µg/L	10.0		90.2		40-160			V-20	†
1,1-Dichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
1,2-Dichloroethane	10.7	1.0	µg/L	10.0		107		70-130				
1,1-Dichloroethylene	7.85	1.0	µg/L	10.0		78.5		70-130				
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0		114		70-130				
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102		70-130				
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113		70-130				
1,3-Dichloropropane	12.1	0.50	µg/L	10.0		121		70-130				
2,2-Dichloropropane	12.0	1.0	µg/L	10.0		120		40-130			V-20	†
1,1-Dichloropropene	12.3	2.0	µg/L	10.0		123		70-130				
cis-1,3-Dichloropropene	12.3	0.50	µg/L	10.0		123		70-130				
trans-1,3-Dichloropropene	13.2	0.50	µg/L	10.0		**132**	*	70-130			L-07, V-20	
Diethyl Ether	8.88	2.0	µg/L	10.0		88.8		70-130				
Diisopropyl Ether (DIPE)	9.76	0.50	µg/L	10.0		97.6		70-130				
1,4-Dioxane	130	50	µg/L	100		130		40-130			V-16, V-20	†
Ethylbenzene	11.7	1.0	µg/L	10.0		117		70-130				
Hexachlorobutadiene	10.6	0.50	µg/L	10.0		106		70-130				
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160				†
Isopropylbenzene (Cumene)	14.0	1.0	µg/L	10.0		**140**	*	70-130			L-07, V-20	
p-Isopropyltoluene (p-Cymene)	11.5	1.0	µg/L	10.0		115		70-130				
Methyl tert-Butyl Ether (MTBE)	9.74	1.0	µg/L	10.0		97.4		70-130				
Methylene Chloride	6.75	5.0	µg/L	10.0		**67.5**	*	70-130			L-04	
4-Methyl-2-pentanone (MIBK)	97.4	10	µg/L	100		97.4		70-160				†
Naphthalene	9.61	2.0	µg/L	10.0		96.1		40-130				†
n-Propylbenzene	12.3	1.0	µg/L	10.0		123		70-130				
Styrene	12.5	1.0	µg/L	10.0		125		70-130				
1,1,1,2-Tetrachloroethane	11.3	1.0	µg/L	10.0		113		70-130				
1,1,2,2-Tetrachloroethane	11.8	0.50	µg/L	10.0		118		70-130				
Tetrachloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Tetrahydrofuran	8.73	10	µg/L	10.0		87.3		70-130				
Toluene	11.5	1.0	µg/L	10.0		115		70-130				
1,2,3-Trichlorobenzene	9.93	5.0	µg/L	10.0		99.3		70-130				
1,2,4-Trichlorobenzene	9.58	1.0	µg/L	10.0		95.8		70-130				
1,3,5-Trichlorobenzene	9.37	1.0	µg/L	10.0		93.7		70-130				
1,1,1-Trichloroethane	12.2	1.0	µg/L	10.0		122		70-130				
1,1,2-Trichloroethane	11.2	1.0	µg/L	10.0		112		70-130				
Trichloroethylene	11.6	1.0	µg/L	10.0		116		70-130				
Trichlorofluoromethane (Freon 11)	9.88	2.0	µg/L	10.0		98.8		70-130				
1,2,3-Trichloropropane	11.6	2.0	µg/L	10.0		116		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.65	1.0	µg/L	10.0		86.5		70-130				
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0		111		70-130				
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.0		117		70-130				
Vinyl Chloride	7.99	2.0	µg/L	10.0		79.9		40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B											
LCS (B043044-BS1)				Prepared & Analyzed: 12/19/11							
m+p Xylene	23.6	2.0	µg/L	20.0		118	70-130				
o-Xylene	12.2	1.0	µg/L	10.0		122	70-130				
Surrogate: 1,2-Dichloroethane-d4	*24.1*		µg/L	25.0		96.3	70-130				
Surrogate: Toluene-d8	*25.0*		µg/L	25.0		100	70-130				
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/L	25.0		107	70-130				
LCS Dup (B043044-BSD1)				Prepared & Analyzed: 12/19/11							
Acetone	85.5	50	µg/L	100		85.5	70-160	3.06	25		†
Acrylonitrile	8.32	5.0	µg/L	10.0		83.2	70-130	8.85	25		
tert-Amyl Methyl Ether (TAME)	10.8	0.50	µg/L	10.0		108	70-130	5.67	25		
Benzene	11.4	1.0	µg/L	10.0		114	70-130	10.0	25	V-20	
Bromobenzene	10.7	1.0	µg/L	10.0		107	70-130	6.07	25		
Bromochloromethane	10.5	1.0	µg/L	10.0		105	70-130	5.02	25		
Bromodichloromethane	8.96	0.50	µg/L	10.0		89.6	70-130	6.48	25		
Bromoform	11.3	1.0	µg/L	10.0		113	70-130	6.42	25		
Bromomethane	6.12	2.0	µg/L	10.0		61.2	40-160	5.20	25		†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160	4.22	25		†
tert-Butyl Alcohol (TBA)	92.7	20	µg/L	100		92.7	40-160	4.43	25	V-16	†
n-Butylbenzene	8.78	1.0	µg/L	10.0		87.8	70-130	12.1	25		
sec-Butylbenzene	9.50	1.0	µg/L	10.0		95.0	70-130	11.3	25		
tert-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130	8.47	25		
tert-Butyl Ethyl Ether (TBEE)	9.49	0.50	µg/L	10.0		94.9	70-130	8.57	25		
Carbon Disulfide	12.8	4.0	µg/L	10.0		128	70-130	9.15	25		
Carbon Tetrachloride	10.5	5.0	µg/L	10.0		105	70-130	11.6	25		
Chlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	5.97	25		
Chlorodibromomethane	11.7	0.50	µg/L	10.0		117	70-130	5.97	25	V-20	
Chloroethane	7.36	2.0	µg/L	10.0		73.6	70-130	16.6	25		
Chloroform	11.2	2.0	µg/L	10.0		112	70-130	10.8	25		
Chloromethane	7.59	2.0	µg/L	10.0		75.9	40-160	13.4	25		†
2-Chlorotoluene	11.3	1.0	µg/L	10.0		113	70-130	7.67	25		
4-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130	7.06	25		
1,2-Dibromo-3-chloropropane (DBCP)	8.11	5.0	µg/L	10.0		81.1	70-130	2.12	25		
1,2-Dibromoethane (EDB)	11.1	0.50	µg/L	10.0		111	70-130	6.01	25		
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130	5.07	25		
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	6.60	25		
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	7.78	25		
1,4-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	7.86	25		
trans-1,4-Dichloro-2-butene	10.7	2.0	µg/L	10.0		107	70-130	1.13	25		
Dichlorodifluoromethane (Freon 12)	7.79	2.0	µg/L	10.0		77.9	40-160	14.6	25	V-20	†
1,1-Dichloroethane	10.1	1.0	µg/L	10.0		101	70-130	10.5	25		
1,2-Dichloroethane	10.0	1.0	µg/L	10.0		100	70-130	6.58	25		
1,1-Dichloroethylene	7.02	1.0	µg/L	10.0		70.2	70-130	11.2	25		
cis-1,2-Dichloroethylene	10.4	1.0	µg/L	10.0		104	70-130	9.81	25		
trans-1,2-Dichloroethylene	9.15	1.0	µg/L	10.0		91.5	70-130	10.7	25		
1,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	70-130	6.61	25		
1,3-Dichloropropane	11.4	0.50	µg/L	10.0		114	70-130	5.62	25		
2,2-Dichloropropane	10.5	1.0	µg/L	10.0		105	40-130	13.4	25	V-20	†
1,1-Dichloropropene	11.1	2.0	µg/L	10.0		111	70-130	10.0	25		
cis-1,3-Dichloropropene	11.6	0.50	µg/L	10.0		116	70-130	6.18	25		
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0		128	70-130	3.00	25	V-20	
Diethyl Ether	8.38	2.0	µg/L	10.0		83.8	70-130	5.79	25		
Diisopropyl Ether (DIPE)	9.03	0.50	µg/L	10.0		90.3	70-130	7.77	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B043044 - SW-846 5030B												
LCS Dup (B043044-BSD1)				Prepared & Analyzed: 12/19/11								
1,4-Dioxane	120	50	µg/L	100		120		40-130	7.69	50	V-16, V-20	† ‡
Ethylbenzene	10.7	1.0	µg/L	10.0		107		70-130	9.28	25		
Hexachlorobutadiene	9.78	0.50	µg/L	10.0		97.8		70-130	8.42	25		
2-Hexanone (MBK)	102	10	µg/L	100		102		70-160	0.608	25		†
Isopropylbenzene (Cumene)	12.8	1.0	µg/L	10.0		128		70-130	8.94	25	V-20	
p-Isopropyltoluene (p-Cymene)	10.5	1.0	µg/L	10.0		105		70-130	9.65	25		
Methyl tert-Butyl Ether (MTBE)	9.08	1.0	µg/L	10.0		90.8		70-130	7.01	25		
Methylene Chloride	6.29	5.0	µg/L	10.0		**62.9**	*	70-130	7.06	25	L-04	
4-Methyl-2-pentanone (MIBK)	94.9	10	µg/L	100		94.9		70-160	2.52	25		†
Naphthalene	9.94	2.0	µg/L	10.0		99.4		40-130	3.38	25		†
n-Propylbenzene	11.2	1.0	µg/L	10.0		112		70-130	9.70	25		
Styrene	11.5	1.0	µg/L	10.0		115		70-130	8.67	25		
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0		105		70-130	6.80	25		
1,1,2,2-Tetrachloroethane	11.3	0.50	µg/L	10.0		113		70-130	4.08	25		
Tetrachloroethylene	10.5	1.0	µg/L	10.0		105		70-130	9.68	25		
Tetrahydrofuran	9.50	10	µg/L	10.0		95.0		70-130	8.45	25		
Toluene	10.6	1.0	µg/L	10.0		106		70-130	7.61	25		
1,2,3-Trichlorobenzene	9.89	5.0	µg/L	10.0		98.9		70-130	0.404	25		
1,2,4-Trichlorobenzene	9.49	1.0	µg/L	10.0		94.9		70-130	0.944	25		
1,3,5-Trichlorobenzene	8.80	1.0	µg/L	10.0		88.0		70-130	6.27	25		
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109		70-130	10.6	25		
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.0		104		70-130	7.30	25		
Trichloroethylene	10.5	1.0	µg/L	10.0		105		70-130	9.40	25		
Trichlorofluoromethane (Freon 11)	8.66	2.0	µg/L	10.0		86.6		70-130	13.2	25		
1,2,3-Trichloropropane	11.3	2.0	µg/L	10.0		113		70-130	2.71	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.59	1.0	µg/L	10.0		75.9		70-130	13.1	25		
1,2,4-Trimethylbenzene	10.0	1.0	µg/L	10.0		100		70-130	9.84	25		
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108		70-130	7.28	25		
Vinyl Chloride	7.06	2.0	µg/L	10.0		70.6		40-160	12.4	25		†
m+p Xylene	21.4	2.0	µg/L	20.0		107		70-130	9.46	25		
o-Xylene	11.3	1.0	µg/L	10.0		113		70-130	7.56	25		
Surrogate: 1,2-Dichloroethane-d4	*23.6*		µg/L	25.0		94.5		70-130				
Surrogate: Toluene-d8	*25.2*		µg/L	25.0		101		70-130				
Surrogate: 4-Bromofluorobenzene	*26.8*		µg/L	25.0		107		70-130				
Matrix Spike (B043044-MS1)		**Source: 11L0394-02**		Prepared & Analyzed: 12/19/11								
Acetone	86.5	50	µg/L	100	2.34	84.1		70-130				
Acrylonitrile	9.90	5.0	µg/L	10.0	ND	99.0		70-130				
tert-Amyl Methyl Ether (TAME)	11.2	0.50	µg/L	10.0	ND	112		70-130				
Benzene	12.7	1.0	µg/L	10.0	ND	127		70-130				
Bromobenzene	11.1	1.0	µg/L	10.0	ND	111		70-130				
Bromochloromethane	11.1	1.0	µg/L	10.0	ND	111		70-130				
Bromodichloromethane	9.38	0.50	µg/L	10.0	ND	93.8		70-130				
Bromoform	12.2	1.0	µg/L	10.0	ND	122		70-130				
Bromomethane	5.24	2.0	µg/L	10.0	ND	**52.4**	*	70-130			MS-07A	
2-Butanone (MEK)	124	20	µg/L	100	ND	124		70-130				
tert-Butyl Alcohol (TBA)	118	20	µg/L	100	ND	118		70-130			V-16	
n-Butylbenzene	9.77	1.0	µg/L	10.0	ND	97.7		70-130				
sec-Butylbenzene	10.5	1.0	µg/L	10.0	ND	105		70-130				
tert-Butylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.75	0.50	µg/L	10.0	ND	97.5		70-130				
Carbon Disulfide	12.4	4.0	µg/L	10.0	ND	124		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike (B043044-MS1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Carbon Tetrachloride	11.6	5.0	µg/L	10.0	ND	116		70-130			
Chlorobenzene	11.1	1.0	µg/L	10.0	ND	111		70-130			
Chlorodibromomethane	12.2	0.50	µg/L	10.0	ND	122		70-130			
Chloroethane	7.81	2.0	µg/L	10.0	ND	78.1		70-130			
Chloroform	12.6	2.0	µg/L	10.0	ND	126		70-130			
Chloromethane	6.60	2.0	µg/L	10.0	ND	**66.0**	*	70-130			MS-07A
2-Chlorotoluene	11.9	1.0	µg/L	10.0	ND	119		70-130			
4-Chlorotoluene	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.47	5.0	µg/L	10.0	ND	94.7		70-130			
1,2-Dibromoethane (EDB)	12.1	0.50	µg/L	10.0	ND	121		70-130			
Dibromomethane	12.2	1.0	µg/L	10.0	ND	122		70-130			
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130			
1,3-Dichlorobenzene	10.5	1.0	µg/L	10.0	ND	105		70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130			
trans-1,4-Dichloro-2-butene	11.8	2.0	µg/L	10.0	ND	118		70-130			
Dichlorodifluoromethane (Freon 12)	6.81	2.0	µg/L	10.0	ND	**68.1**	*	70-130			MS-07A
1,1-Dichloroethane	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130			
1,1-Dichloroethylene	7.63	1.0	µg/L	10.0	ND	76.3		70-130			
cis-1,2-Dichloroethylene	11.4	1.0	µg/L	10.0	ND	114		70-130			
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0	ND	102		70-130			
1,2-Dichloropropane	11.3	1.0	µg/L	10.0	ND	113		70-130			
1,3-Dichloropropane	12.4	0.50	µg/L	10.0	ND	124		70-130			
2,2-Dichloropropane	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,1-Dichloropropene	12.8	2.0	µg/L	10.0	ND	128		70-130			
cis-1,3-Dichloropropene	12.0	0.50	µg/L	10.0	ND	120		70-130			
trans-1,3-Dichloropropene	12.8	0.50	µg/L	10.0	ND	128		70-130			
Diethyl Ether	8.55	2.0	µg/L	10.0	ND	85.5		70-130			
Diisopropyl Ether (DIPE)	9.56	0.50	µg/L	10.0	ND	95.6		70-130			
1,4-Dioxane	148	50	µg/L	100	ND	**148**	*	70-130			MS-12, V-16
Ethylbenzene	11.7	1.0	µg/L	10.0	ND	117		70-130			
Hexachlorobutadiene	10.5	0.50	µg/L	10.0	ND	105		70-130			
2-Hexanone (MBK)	124	10	µg/L	100	ND	124		70-130			
Isopropylbenzene (Cumene)	13.9	1.0	µg/L	10.0	ND	**139**	*	70-130			MS-12
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0	ND	112		70-130			
Methyl tert-Butyl Ether (MTBE)	10.0	1.0	µg/L	10.0	0.200	98.3		70-130			
Methylene Chloride	5.97	5.0	µg/L	10.0	ND	**59.7**	*	70-130			L-04, MS-09
4-Methyl-2-pentanone (MIBK)	114	10	µg/L	100	ND	114		70-130			
Naphthalene	11.2	2.0	µg/L	10.0	ND	112		70-130			
n-Propylbenzene	12.2	1.0	µg/L	10.0	ND	122		70-130			
Styrene	11.6	1.0	µg/L	10.0	ND	116		70-130			
1,1,1,2-Tetrachloroethane	10.5	1.0	µg/L	10.0	ND	105		70-130			
1,1,2,2-Tetrachloroethane	12.6	0.50	µg/L	10.0	ND	126		70-130			
Tetrachloroethylene	11.8	1.0	µg/L	10.0	ND	118		70-130			
Tetrahydrofuran	12.2	10	µg/L	10.0	ND	122		70-130			
Toluene	11.8	1.0	µg/L	10.0	0.230	116		70-130			
1,2,3-Trichlorobenzene	11.3	5.0	µg/L	10.0	ND	113		70-130			
1,2,4-Trichlorobenzene	10.1	1.0	µg/L	10.0	ND	101		70-130			
1,3,5-Trichlorobenzene	9.09	1.0	µg/L	10.0	ND	90.9		70-130			
1,1,1-Trichloroethane	12.3	1.0	µg/L	10.0	ND	123		70-130			
1,1,2-Trichloroethane	11.4	1.0	µg/L	10.0	ND	114		70-130			
Trichloroethylene	11.7	1.0	µg/L	10.0	ND	117		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike (B043044-MS1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Trichlorofluoromethane (Freon 11)	9.51	2.0	µg/L	10.0	ND	95.1		70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.0	ND	124		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.43	1.0	µg/L	10.0	ND	84.3		70-130			
1,2,4-Trimethylbenzene	10.6	1.0	µg/L	10.0	ND	106		70-130			
1,3,5-Trimethylbenzene	11.3	1.0	µg/L	10.0	ND	113		70-130			
Vinyl Chloride	6.99	2.0	µg/L	10.0	ND	**69.9**	*	70-130			MS-07A
m+p Xylene	23.1	2.0	µg/L	20.0	ND	115		70-130			
o-Xylene	11.9	1.0	µg/L	10.0	ND	119		70-130			
Surrogate: 1,2-Dichloroethane-d4	*25.2*		µg/L	25.0		101		70-130			
Surrogate: Toluene-d8	*25.4*		µg/L	25.0		101		70-130			
Surrogate: 4-Bromofluorobenzene	*26.7*		µg/L	25.0		107		70-130			
Matrix Spike Dup (B043044-MSD1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
Acetone	86.2	50	µg/L	100	2.34	83.9		70-130	0.278	30	
Acrylonitrile	9.57	5.0	µg/L	10.0	ND	95.7		70-130	3.39	30	
tert-Amyl Methyl Ether (TAME)	11.2	0.50	µg/L	10.0	ND	112		70-130	0.179	30	
Benzene	12.3	1.0	µg/L	10.0	ND	123		70-130	3.20	30	
Bromobenzene	11.0	1.0	µg/L	10.0	ND	110		70-130	1.27	30	
Bromochloromethane	11.1	1.0	µg/L	10.0	ND	111		70-130	0.450	30	
Bromodichloromethane	9.56	0.50	µg/L	10.0	ND	95.6		70-130	1.90	30	
Bromoform	12.0	1.0	µg/L	10.0	ND	120		70-130	1.32	30	
Bromomethane	5.96	2.0	µg/L	10.0	ND	**59.6**	*	70-130	12.9	30	MS-07A
2-Butanone (MEK)	126	20	µg/L	100	ND	126		70-130	1.18	30	
tert-Butyl Alcohol (TBA)	123	20	µg/L	100	ND	123		70-130	3.52	30	V-16
n-Butylbenzene	9.61	1.0	µg/L	10.0	ND	96.1		70-130	1.65	30	
sec-Butylbenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	2.08	30	
tert-Butylbenzene	10.9	1.0	µg/L	10.0	ND	109		70-130	2.60	30	
tert-Butyl Ethyl Ether (TBEE)	9.92	0.50	µg/L	10.0	ND	99.2		70-130	1.73	30	
Carbon Disulfide	12.4	4.0	µg/L	10.0	ND	124		70-130	0.726	30	
Carbon Tetrachloride	11.7	5.0	µg/L	10.0	ND	117		70-130	0.856	30	
Chlorobenzene	11.2	1.0	µg/L	10.0	ND	112		70-130	0.537	30	
Chlorodibromomethane	12.6	0.50	µg/L	10.0	ND	126		70-130	3.47	30	
Chloroethane	7.89	2.0	µg/L	10.0	ND	78.9		70-130	1.02	30	
Chloroform	12.2	2.0	µg/L	10.0	ND	122		70-130	2.90	30	
Chloromethane	6.77	2.0	µg/L	10.0	ND	**67.7**	*	70-130	2.54	30	MS-07A
2-Chlorotoluene	12.1	1.0	µg/L	10.0	ND	121		70-130	1.08	30	
4-Chlorotoluene	11.8	1.0	µg/L	10.0	ND	118		70-130	0.852	30	
1,2-Dibromo-3-chloropropane (DBCP)	10.4	5.0	µg/L	10.0	ND	104		70-130	8.98	30	
1,2-Dibromoethane (EDB)	12.3	0.50	µg/L	10.0	ND	123		70-130	1.81	30	
Dibromomethane	12.0	1.0	µg/L	10.0	ND	120		70-130	1.57	30	
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.0933	30	
1,3-Dichlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	3.01	30	
1,4-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.650	30	
trans-1,4-Dichloro-2-butene	12.8	2.0	µg/L	10.0	ND	128		70-130	7.74	30	
Dichlorodifluoromethane (Freon 12)	6.88	2.0	µg/L	10.0	ND	**68.8**	*	70-130	1.02	30	MS-07A
1,1-Dichloroethane	11.2	1.0	µg/L	10.0	ND	112		70-130	3.74	30	
1,2-Dichloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	0.00	30	
1,1-Dichloroethylene	7.56	1.0	µg/L	10.0	ND	75.6		70-130	0.922	30	
cis-1,2-Dichloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.74	30	
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0	ND	100		70-130	1.09	30	
1,2-Dichloropropane	10.8	1.0	µg/L	10.0	ND	108		70-130	4.70	30	
1,3-Dichloropropane	12.8	0.50	µg/L	10.0	ND	128		70-130	3.27	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B043044 - SW-846 5030B											
Matrix Spike Dup (B043044-MSD1)	**Source: 11L0394-02**			Prepared & Analyzed: 12/19/11							
2,2-Dichloropropane	11.9	1.0	µg/L	10.0	ND	119		70-130	1.95	30	
1,1-Dichloropropene	12.6	2.0	µg/L	10.0	ND	126		70-130	1.42	30	
cis-1,3-Dichloropropene	12.5	0.50	µg/L	10.0	ND	125		70-130	4.57	30	
trans-1,3-Dichloropropene	12.9	0.50	µg/L	10.0	ND	129		70-130	0.855	30	
Diethyl Ether	8.67	2.0	µg/L	10.0	ND	86.7		70-130	1.39	30	
Diisopropyl Ether (DIPE)	9.60	0.50	µg/L	10.0	ND	96.0		70-130	0.418	30	
1,4-Dioxane	170	50	µg/L	100	ND	**170**	*	70-130	13.4	30	MS-12, V-16
Ethylbenzene	11.8	1.0	µg/L	10.0	ND	118		70-130	0.764	30	
Hexachlorobutadiene	10.2	0.50	µg/L	10.0	ND	102		70-130	2.60	30	
2-Hexanone (MBK)	127	10	µg/L	100	ND	127		70-130	2.15	30	
Isopropylbenzene (Cumene)	14.1	1.0	µg/L	10.0	ND	**141**	*	70-130	1.71	30	MS-12
p-Isopropyltoluene (p-Cymene)	11.6	1.0	µg/L	10.0	ND	116		70-130	2.90	30	
Methyl tert-Butyl Ether (MTBE)	10.2	1.0	µg/L	10.0	0.200	100		70-130	1.68	30	
Methylene Chloride	5.94	5.0	µg/L	10.0	ND	**59.4**	*	70-130	0.504	30	L-04, MS-09
4-Methyl-2-pentanone (MIBK)	118	10	µg/L	100	ND	118		70-130	2.99	30	
Naphthalene	10.9	2.0	µg/L	10.0	ND	109		70-130	3.35	30	
n-Propylbenzene	12.3	1.0	µg/L	10.0	ND	123		70-130	1.14	30	
Styrene	11.6	1.0	µg/L	10.0	ND	116		70-130	0.0864	30	
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	4.30	30	
1,1,2,2-Tetrachloroethane	13.1	0.50	µg/L	10.0	ND	**131**	*	70-130	3.50	30	MS-24
Tetrachloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.87	30	
Tetrahydrofuran	11.8	10	µg/L	10.0	ND	118		70-130	3.01	30	
Toluene	12.0	1.0	µg/L	10.0	0.230	118		70-130	1.93	30	
1,2,3-Trichlorobenzene	10.8	5.0	µg/L	10.0	ND	108		70-130	4.70	30	
1,2,4-Trichlorobenzene	9.73	1.0	µg/L	10.0	ND	97.3		70-130	3.63	30	
1,3,5-Trichlorobenzene	8.76	1.0	µg/L	10.0	ND	87.6		70-130	3.70	30	
1,1,1-Trichloroethane	12.1	1.0	µg/L	10.0	ND	121		70-130	1.39	30	
1,1,2-Trichloroethane	11.6	1.0	µg/L	10.0	ND	116		70-130	2.61	30	
Trichloroethylene	11.6	1.0	µg/L	10.0	ND	116		70-130	1.20	30	
Trichlorofluoromethane (Freon 11)	9.59	2.0	µg/L	10.0	ND	95.9		70-130	0.838	30	
1,2,3-Trichloropropane	12.9	2.0	µg/L	10.0	ND	129		70-130	4.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.47	1.0	µg/L	10.0	ND	84.7		70-130	0.473	30	
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0	ND	107		70-130	0.846	30	
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0	ND	114		70-130	0.353	30	
Vinyl Chloride	6.94	2.0	µg/L	10.0	ND	**69.4**	*	70-130	0.718	30	MS-07A
m+p Xylene	23.3	2.0	µg/L	20.0	ND	116		70-130	0.992	20	
o-Xylene	12.1	1.0	µg/L	10.0	ND	121		70-130	1.17	30	
Surrogate: 1,2-Dichloroethane-d4	*24.2*		µg/L	25.0		96.7		70-130			
Surrogate: Toluene-d8	*25.6*		µg/L	25.0		102		70-130			
Surrogate: 4-Bromofluorobenzene	*27.0*		µg/L	25.0		108		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NY,ME,RI
tert-Amyl Methyl Ether (TAME)	NH,NY,ME
Benzene	CT,NH,NY,ME,RI
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME,RI
Bromoform	CT,NH,NY,ME,RI
Bromomethane	CT,NH,NY,ME,RI
2-Butanone (MEK)	CT,NH,NY,ME
tert-Butyl Alcohol (TBA)	NH,NY,ME
n-Butylbenzene	NY,ME
sec-Butylbenzene	NY,ME
tert-Butylbenzene	NY,ME
tert-Butyl Ethyl Ether (TBEE)	NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME,RI
Chlorobenzene	CT,NH,NY,ME,RI
Chlorodibromomethane	CT,NH,NY,ME,RI
Chloroethane	CT,NH,NY,ME,RI
Chloroform	CT,NH,NY,ME,RI
Chloromethane	CT,NH,NY,ME,RI
2-Chlorotoluene	NY,ME
4-Chlorotoluene	NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NY,ME,RI
1,3-Dichlorobenzene	CT,NH,NY,ME,RI
1,4-Dichlorobenzene	CT,NH,NY,ME,RI
trans-1,4-Dichloro-2-butene	NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,RI
1,1-Dichloroethane	CT,NH,NY,ME,RI
1,2-Dichloroethane	CT,NH,NY,ME,RI
1,1-Dichloroethylene	CT,NH,NY,ME,RI
cis-1,2-Dichloroethylene	ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME,RI
1,2-Dichloropropane	CT,NH,NY,ME,RI
1,3-Dichloropropane	NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME,RI
trans-1,3-Dichloropropene	CT,NH,NY,ME,RI
Diisopropyl Ether (DIPE)	NH,NY,ME
Ethylbenzene	CT,NH,NY,ME,RI
Hexachlorobutadiene	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	NY,ME
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,ME
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NH,NY,ME,RI
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,RI
Tetrachloroethylene	CT,NH,NY,ME,RI
Toluene	CT,NH,NY,ME,RI
1,2,3-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	CT,NH,NY,ME
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,RI
1,1,2-Trichloroethane	CT,NH,NY,ME,RI
Trichloroethylene	CT,NH,NY,ME,RI
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,RI
1,2,3-Trichloropropane	NH,NY,ME
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY
1,2,4-Trimethylbenzene	NY,ME
1,3,5-Trimethylbenzene	NY,ME
Vinyl Chloride	CT,NH,NY,ME,RI
m+p Xylene	CT,NH,NY,ME,RI
o-Xylene	CT,NH,NY,ME,RI

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East longmeadow, MA 01028

1IL0394

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr.
Lancaster, NY 14086
Attention: Bryan Kroon/Rick Watt
Project Location: Farming dale, NY
Sampled By: Brian Cervi

Telephone: (716) 684-8060
Project # 002699.ID25.03
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
○ OTHER
○ "Enhanced Data Package"

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/~~Time~~	Collection Ending ~~Date~~/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	***Container Code
								H		V
-01	TB-120811	12/8/11	0830		X	DW	C	3		
-02	PW21-100	12/8/11	0840		X	GW	L	9		
-03	PW21-125	12/8/11	1010		X	GW	L	3		
-04	PW21-150	12/8/11	1235		X	GW	L	3		
-05	PW21-175	12/8/11	1430		X	GW	L	3		

ANALYSIS REQUESTED: VOCs (8260B)

Dissolved Metals
○ Field Filtered
○ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Comments: PW21-100 was collected as a MS/MSD sample

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
Received by: (signature) 2.0°	Date/Time: 12/9/11 0950 / 1008 12/9/11
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day SEE SOW
☒ Other SOW
RUSH †
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

ACCREDITED IN ACCORDANCE WITH nelac
AIHA Environmental Lead & Industrial Hygiene
NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

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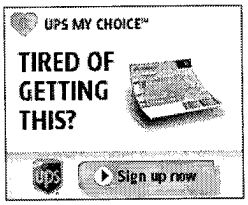
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Sample Receipt Checklist

CLIENT NAME: Ecology & Environment RECEIVED BY: CEC DATE: 12/10/11

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? Yes (No)

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 2.0c

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	21	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: 2 vials for PW21-100 Received Broken CEC 12/10/11

40 mL vials: # HCl 21 # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 Ma

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

TB-120811

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Trip Blank Water	Laboratory ID:	11L0394-01	File ID:	VC353011.D
Sampled:	12/08/11 08:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:12
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353011.D Vial: 11
Acq On : 19 Dec 2011 11:12 am Operator:
Sample : 11L0394-01 @ TB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:00 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Jan 27 12:11:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	440786	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	637793	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	320534	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	296522	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	203343	24.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%			
49) TOLUENE SS	5.603	98	640494	25.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.00%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	246495	26.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%			
Target Compounds						Qvalue
23) METHYLENE CHLORIDE	1.844	49	8774	0.51	UG/L	# 68

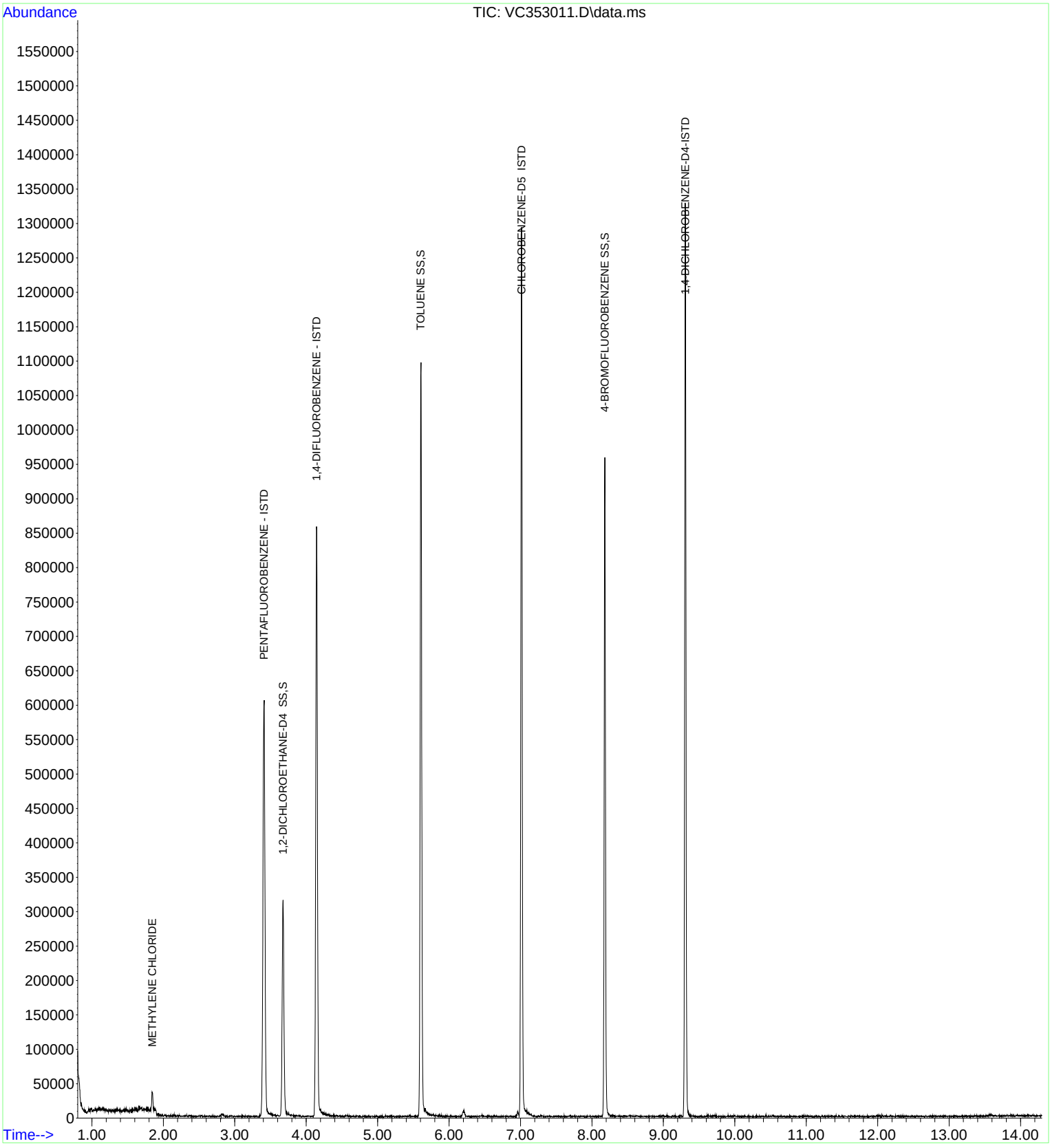
(#) = qualifier out of range (m) = manual integration (+) = signals summed

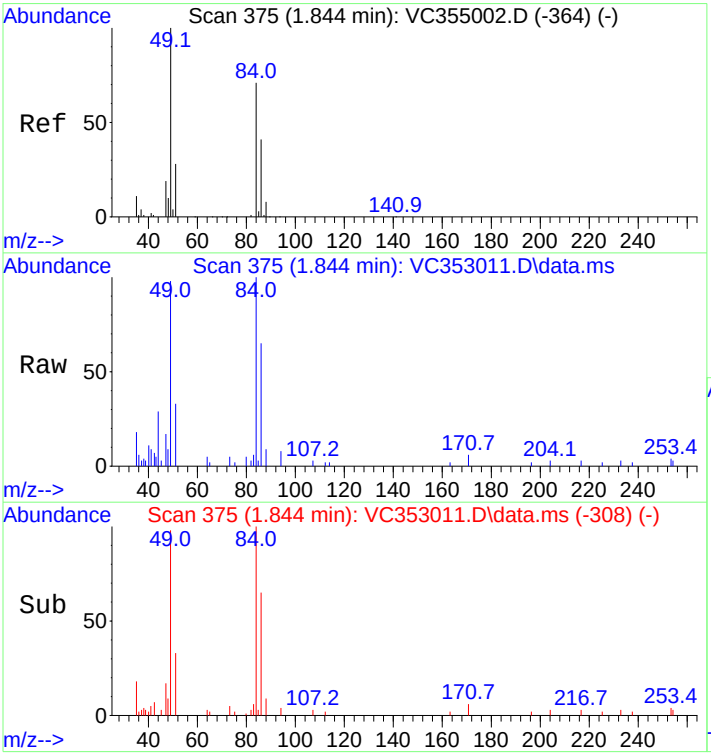
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353011.D
Acq On : 19 Dec 2011 11:12 am
Sample : 11L0394-01 @ TB
Misc :
Quant Time: Dec 19 14:41:00 2011

Vial: 11
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Jan 27 12:11:35 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

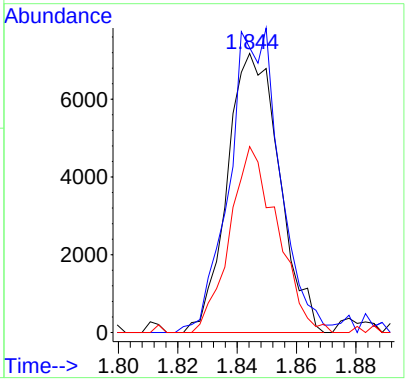




#23
METHYLENE CHLORIDE
Concen: 0.51 UG/L
RT: 1.844 min Scan# 375
Delta R.T. -0.002 min
Lab File: VC353011.D
Acq: 19 Dec 2011 11:12 am

Tgt Ion: 49 Resp: 8774

Ion	Ratio	Lower	Upper
49	100		
84	105.2	57.8	86.8#
86	60.9	37.5	56.3#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	MS-12, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	MS-12

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	MS-07A
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-100

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-02	File ID:	VC353012.D
Sampled:	12/08/11 08:40	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 11:42
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353012.D Vial: 12
Acq On : 19 Dec 2011 11:42 am Operator:
Sample : 11L0394-02 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:16 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	444894	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	661286	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	329907	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	309730	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	209576	25.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.40%			
49) TOLUENE SS	5.606	98	653556	24.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%			
71) 4-BROMOFLUOROBENZENE SS	8.183	95	249953	25.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	5598	2.34	UG/L	# 87
35) ETHYL ACETATE	2.943	43	1336	Below Cal		# 68

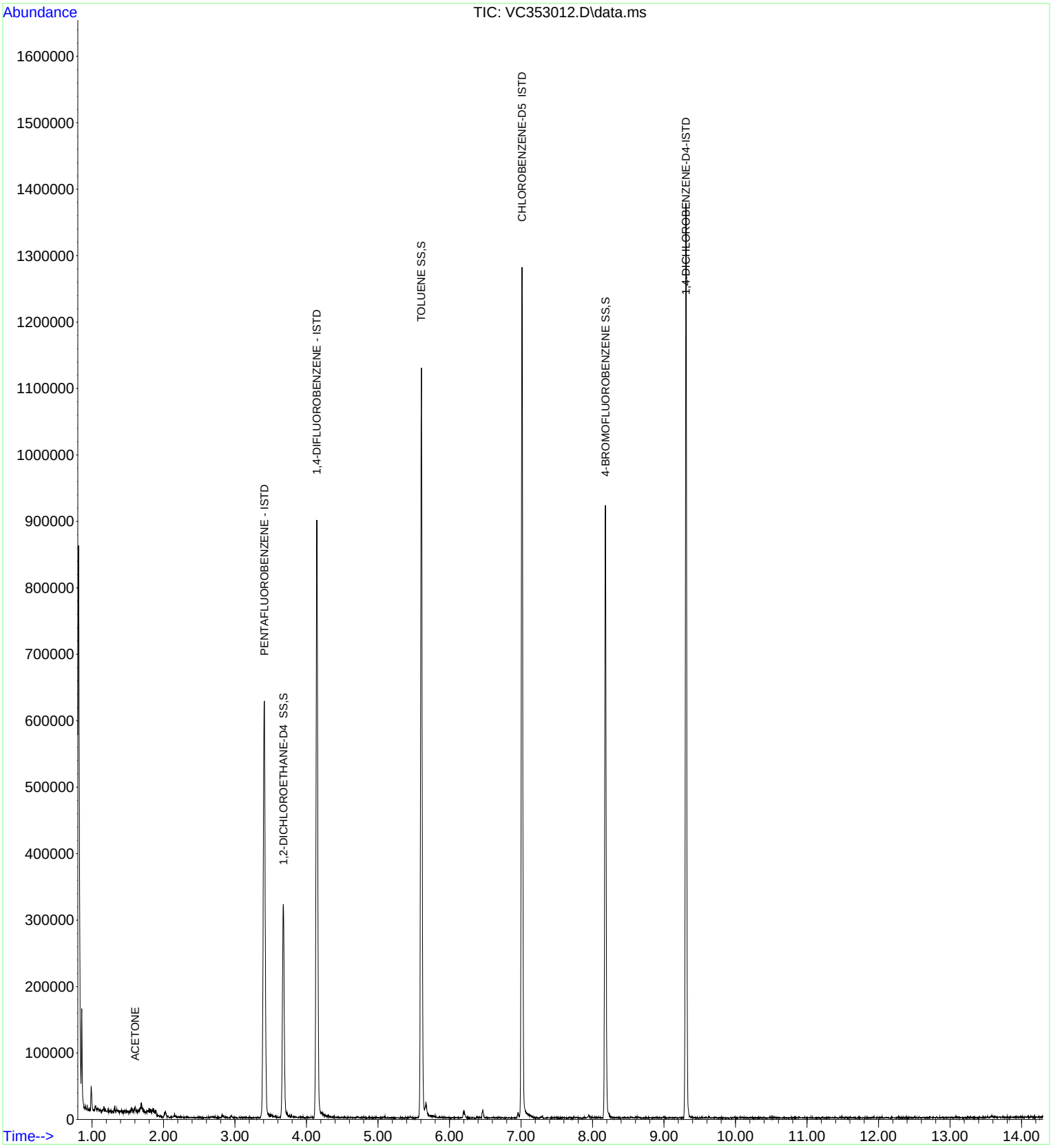
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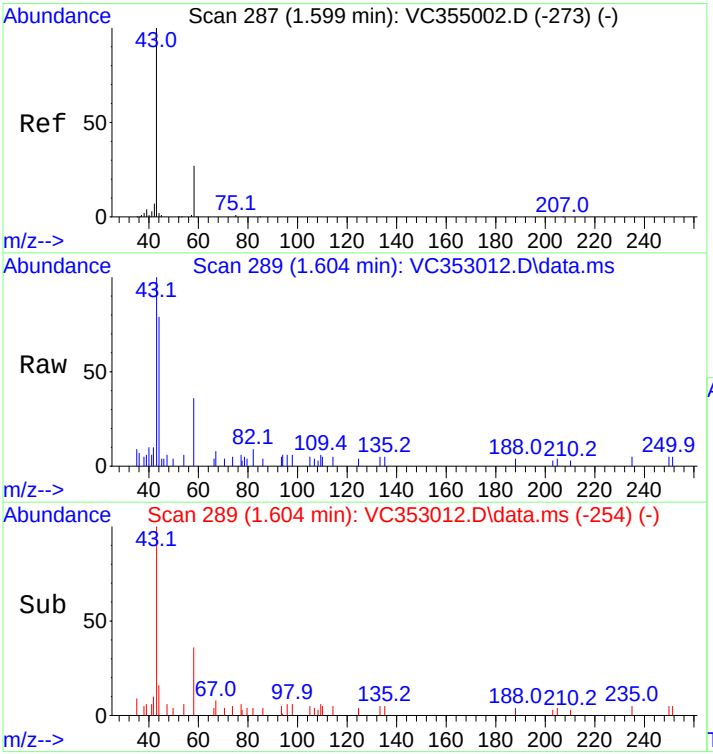
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353012.D
Acq On : 19 Dec 2011 11:42 am
Sample : 11L0394-02
Misc :
Quant Time: Dec 19 14:41:16 2011

Vial: 12
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

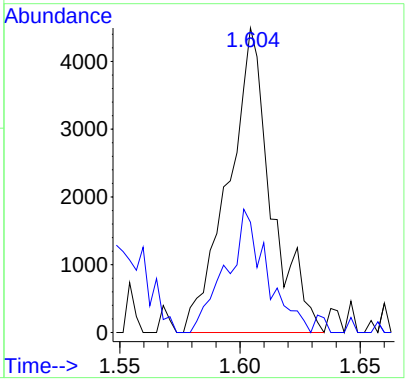


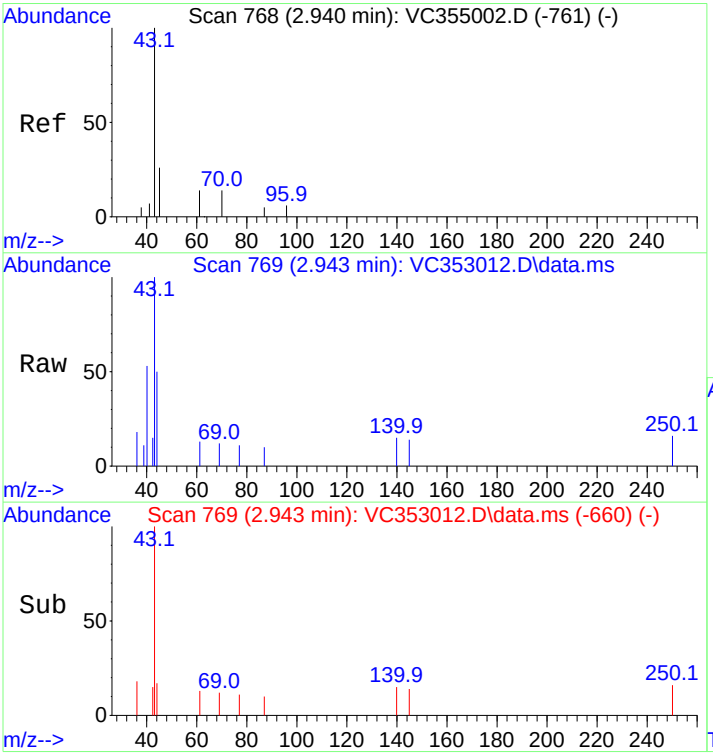


#14
ACETONE
Concen: 2.34 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353012.D
Acq: 19 Dec 2011 11:42 am

Tgt Ion: 43 Resp: 5598

Ion	Ratio	Lower	Upper
43	100		
58	38.1	24.8	37.2#

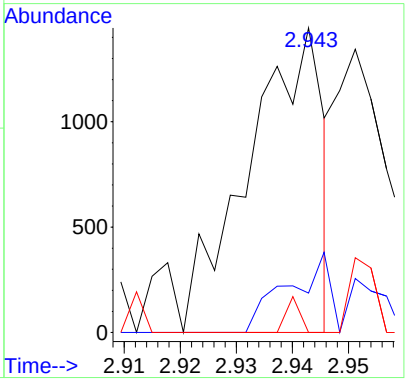




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC353012.D
Acq: 19 Dec 2011 11:42 am

Tgt Ion: 43 Resp: 1336

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-125

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-03	File ID:	VC353013.D
Sampled:	12/08/11 10:10	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353013.D Vial: 13
Acq On : 19 Dec 2011 12:13 pm Operator:
Sample : 11L0394-03 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:41:36 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	431672	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	636091	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	319234	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	304423	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	199094	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%			
49) TOLUENE SS	5.606	98	620365	24.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.12%			
71) 4-BROMOFLUOROBENZENE SS	8.177	95	243628	25.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.48%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	5119	2.20	UG/L	# 67
35) ETHYL ACETATE	2.946	43	1135	Below Cal		# 68

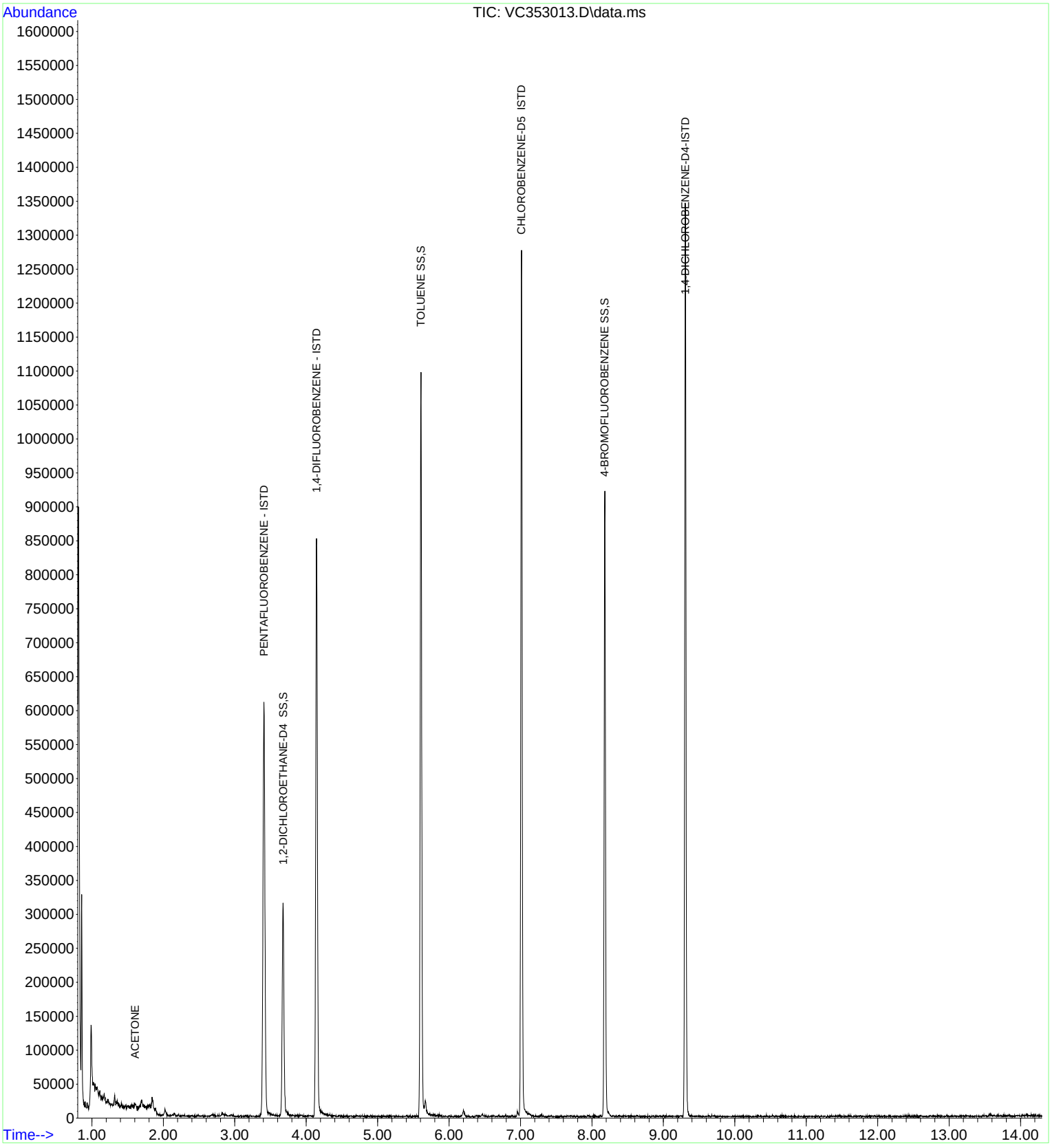
(#) = qualifier out of range (m) = manual integration (+) = signals summed

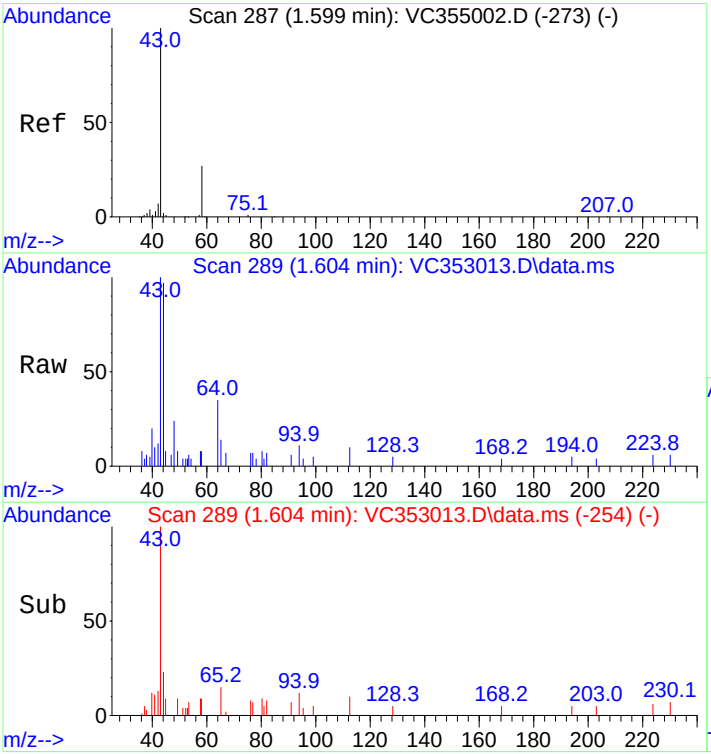
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353013.D
Acq On : 19 Dec 2011 12:13 pm
Sample : 11L0394-03
Misc :
Quant Time: Dec 19 14:41:36 2011

Vial: 13
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

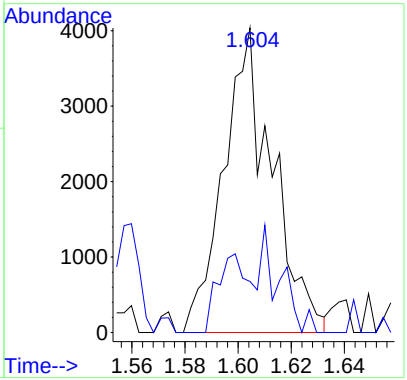


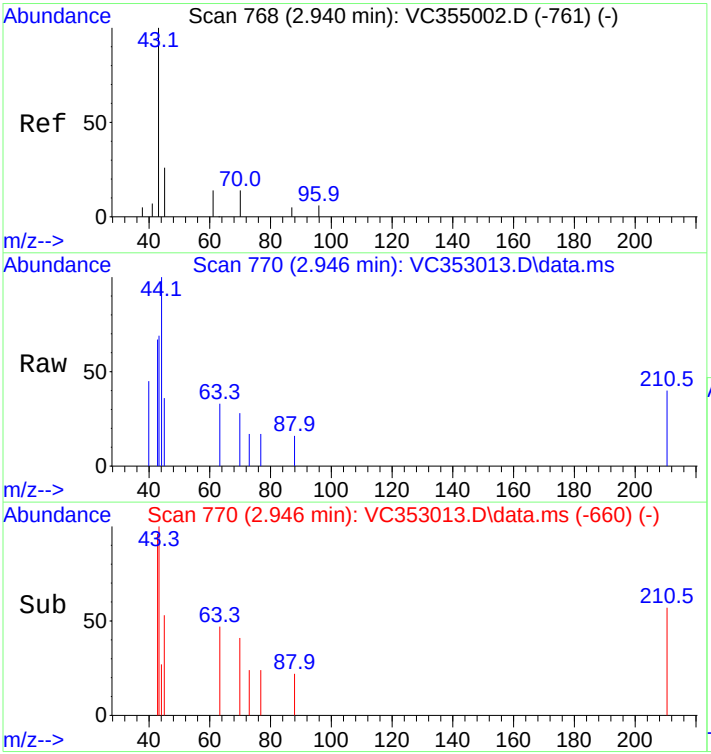


#14
ACETONE
Concen: 2.20 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353013.D
Acq: 19 Dec 2011 12:13 pm

Tgt Ion: 43 Resp: 5119

Ion	Ratio	Lower	Upper
43	100		
58	13.1	24.8	37.2#

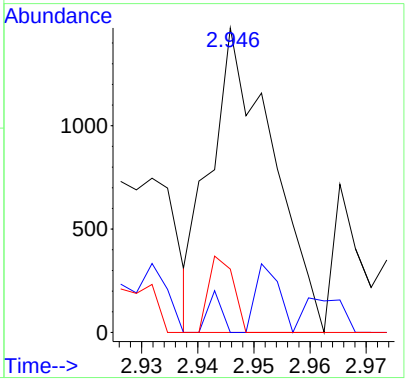




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.946 min Scan# 770
Delta R.T. 0.006 min
Lab File: VC353013.D
Acq: 19 Dec 2011 12:13 pm

Tgt Ion: 43 Resp: 1135

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	3.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-150

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-04	File ID:	VC353014.D
Sampled:	12/08/11 12:35	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 12:44
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353014.D Vial: 14
Acq On : 19 Dec 2011 12:44 pm Operator:
Sample : 11L0394-04 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:05 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	442122	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	646148	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	325072	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	312000	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	207541	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.04%			
49) TOLUENE SS	5.609	98	657455	25.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.32%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	254236	26.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.04%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	14410	6.06	UG/L	98
31) 2-BUTANONE	2.876	43	7053	2.29	UG/L #	92
35) ETHYL ACETATE	2.943	43	6983	Below Cal	#	68
61) TOLUENE	5.670	91	109948	2.98	UG/L	98

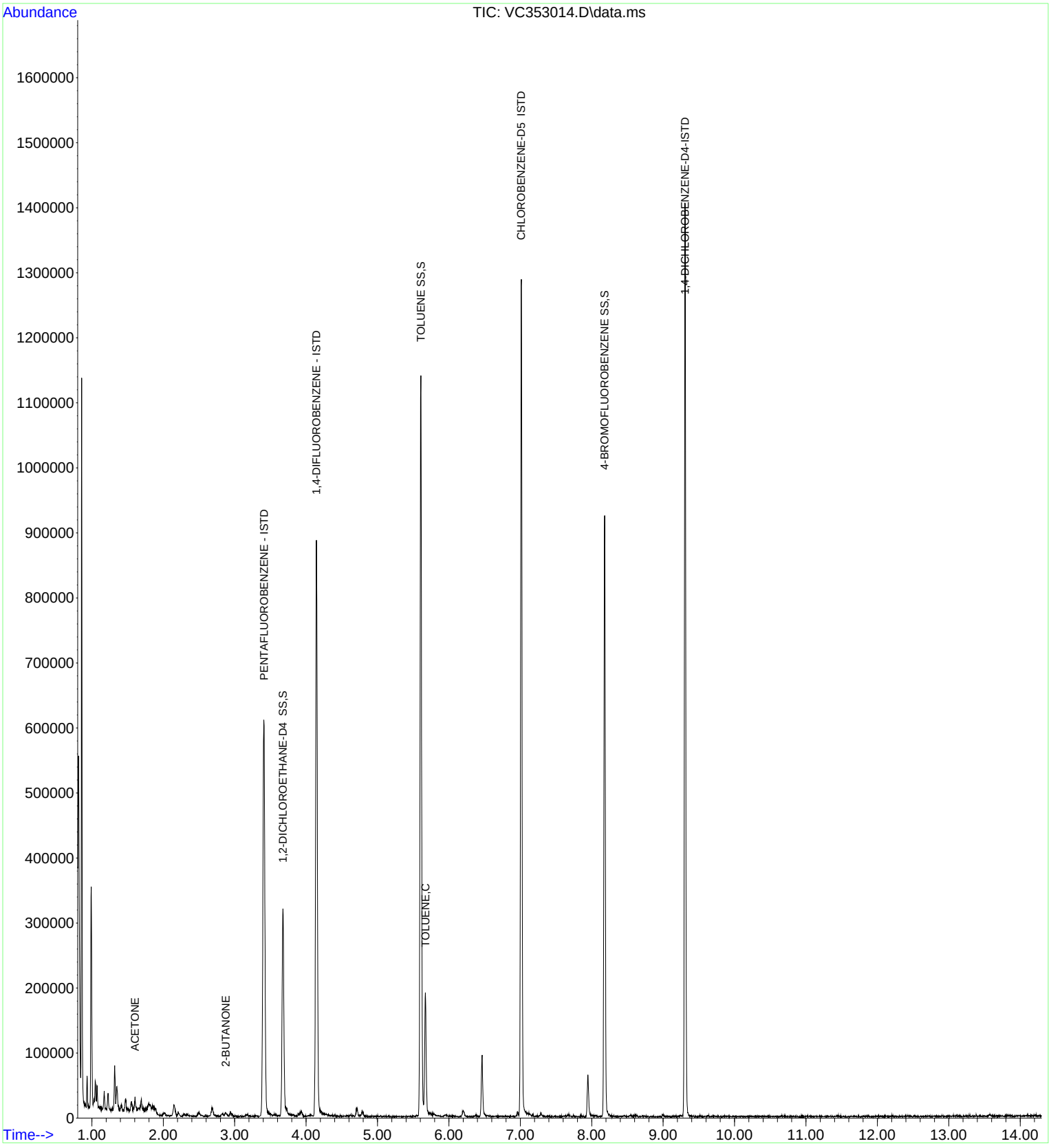
(#) = qualifier out of range (m) = manual integration (+) = signals summed

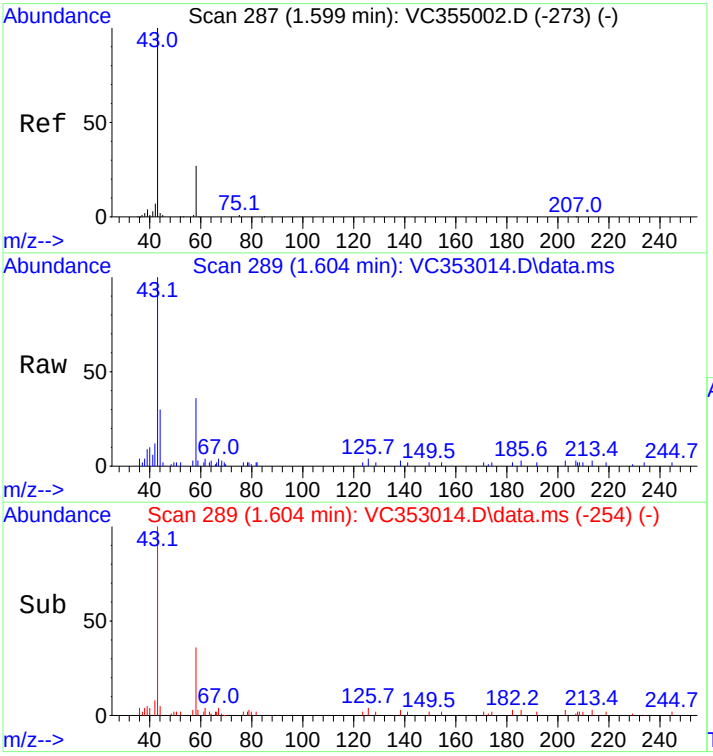
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353014.D
Acq On : 19 Dec 2011 12:44 pm
Sample : 11L0394-04
Misc :
Quant Time: Dec 19 14:42:05 2011

Vial: 14
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

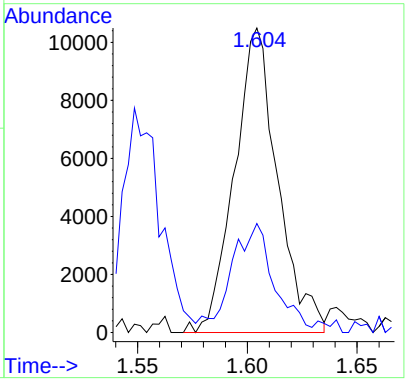


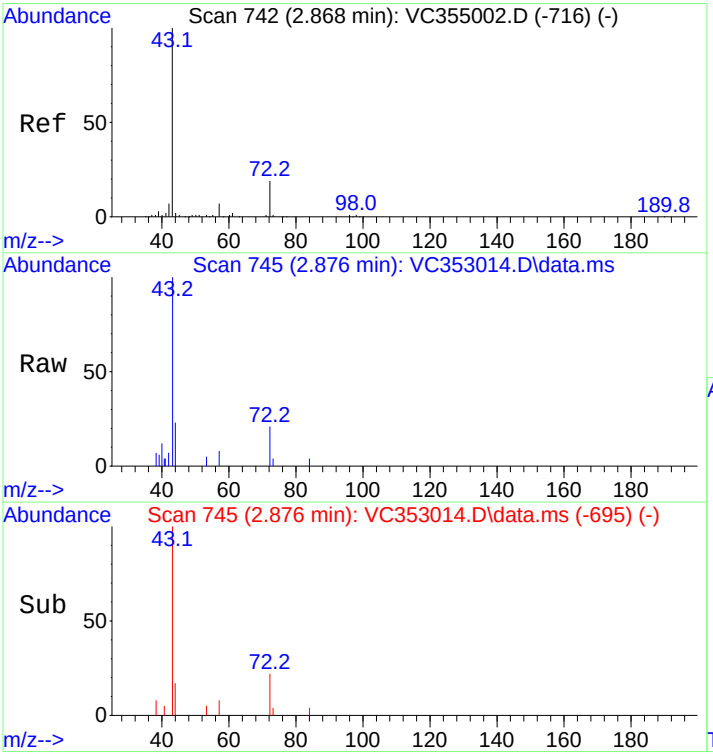


#14
ACETONE
Concen: 6.06 UG/L
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 14410

Ion	Ratio	Lower	Upper
43	100		
58	32.3	24.8	37.2

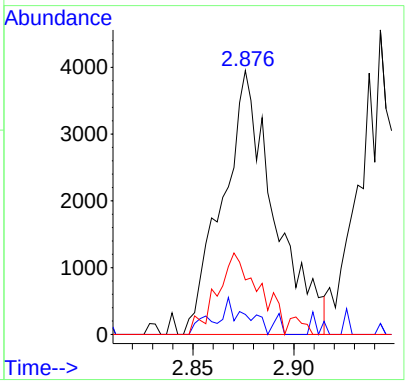


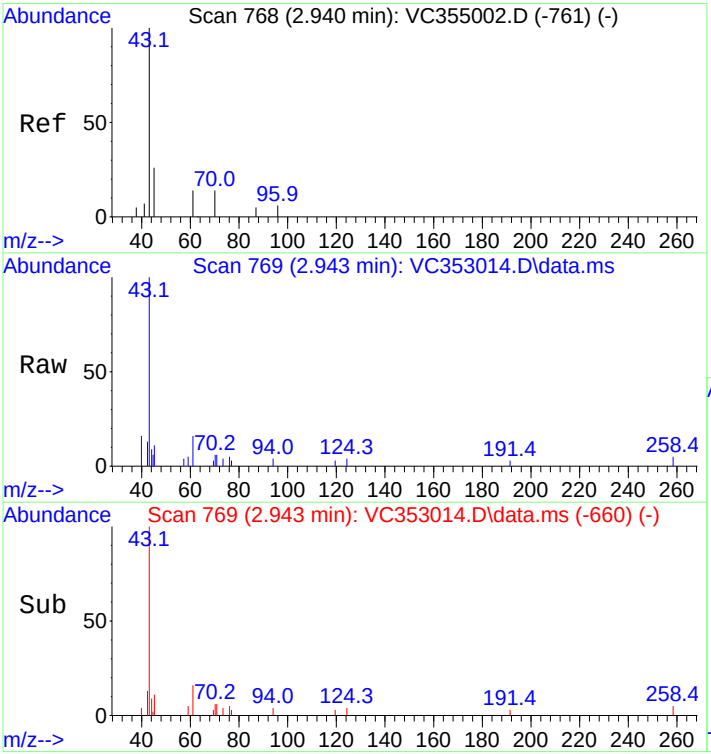


#31
2-BUTANONE
Concen: 2.29 UG/L
RT: 2.876 min Scan# 745
Delta R.T. 0.006 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 7053

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	24.8	18.5	27.7

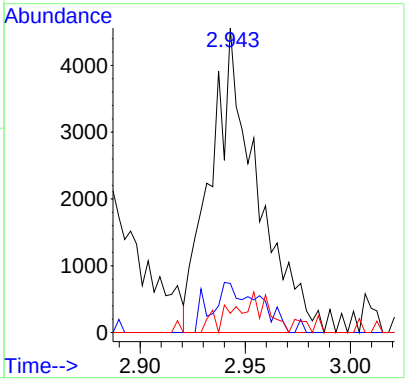


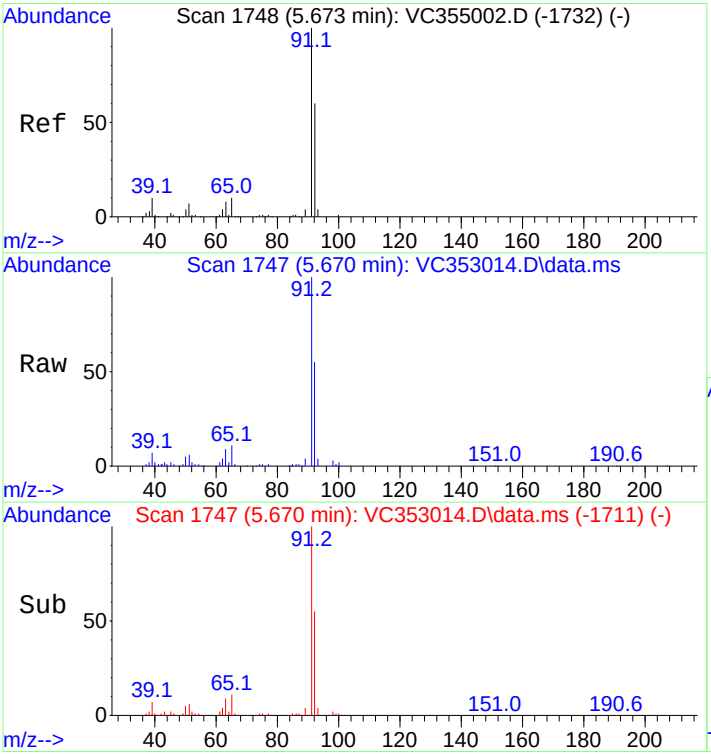


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.943 min Scan# 769
Delta R.T. 0.003 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 43 Resp: 6983

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

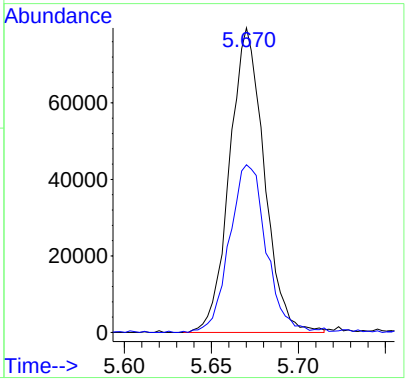




#61
TOLUENE
Concen: 2.98 UG/L
RT: 5.670 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VC353014.D
Acq: 19 Dec 2011 12:44 pm

Tgt Ion: 91 Resp: 109948

Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.9	71.9



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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098	Instrument:	GCMSVOA3

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.9	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

PW21-175

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Ground Water	Laboratory ID:	11L0394-05	File ID:	VC353015.D
Sampled:	12/08/11 14:30	Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:15
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353015.D Vial: 15
Acq On : 19 Dec 2011 1:15 pm Operator:
Sample : 11L0394-05 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:36 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	442275	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	646974	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	324013	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	300553	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	208277	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%			
49) TOLUENE SS	5.606	98	646667	24.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.52%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	250909	26.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.00%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	12839m	5.39	UG/L	
31) 2-BUTANONE	2.873	43	6024m	1.95	UG/L	
35) ETHYL ACETATE	2.951	43	5470	Below Cal	#	68
61) TOLUENE	5.667	91	68705	1.86	UG/L	99

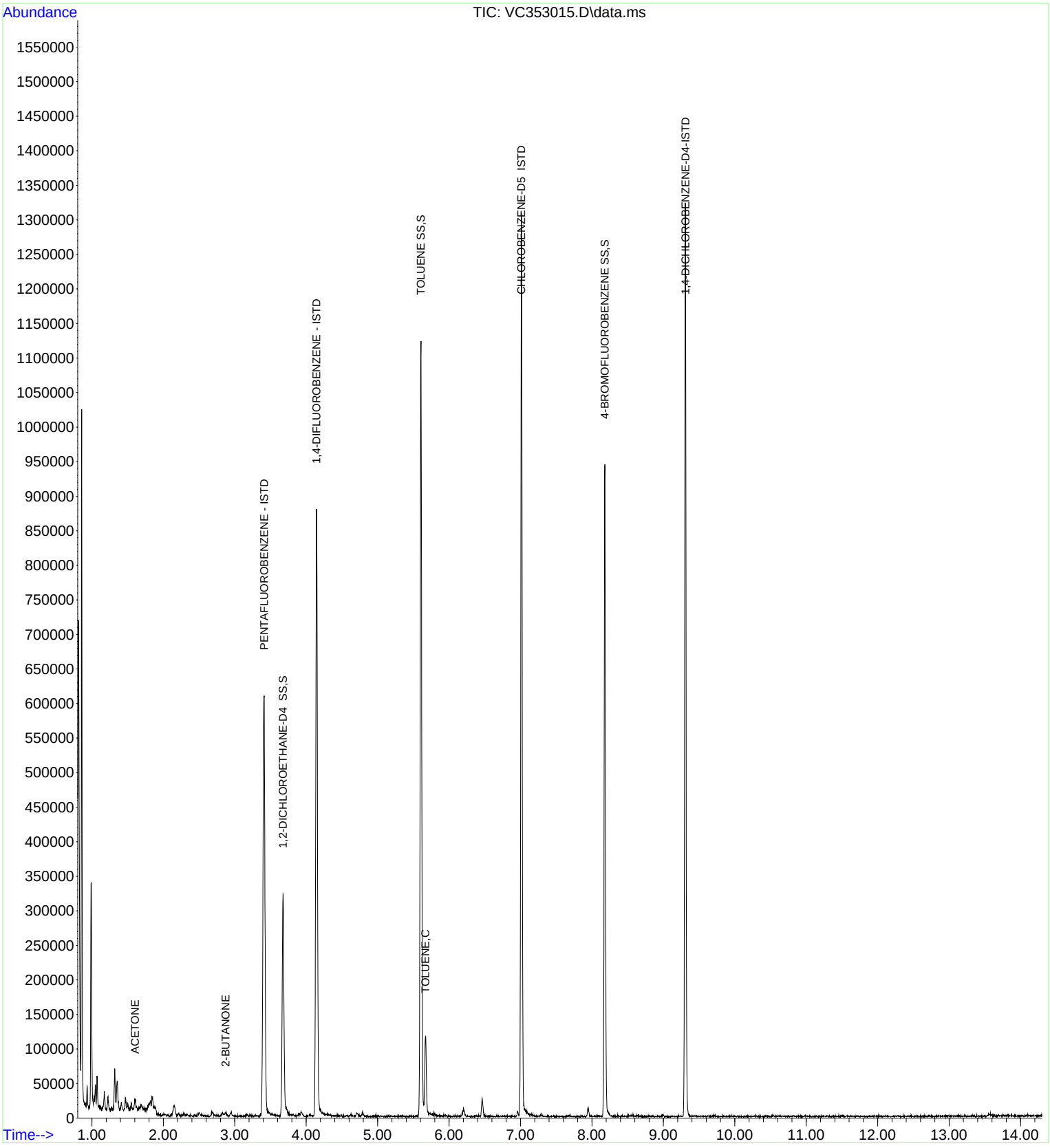
(#) = qualifier out of range (m) = manual integration (+) = signals summed

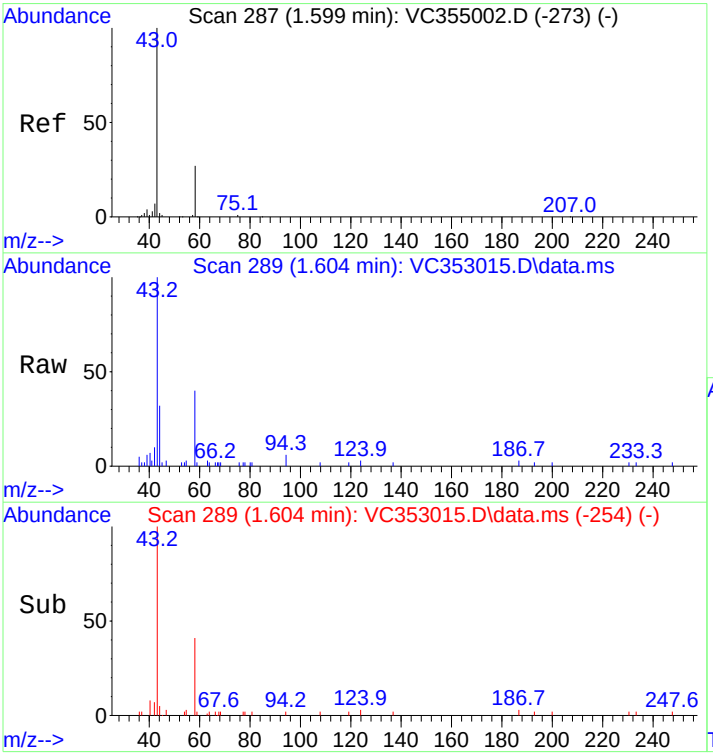
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353015.D
Acq On : 19 Dec 2011 1:15 pm
Sample : 11L0394-05
Misc :
Quant Time: Dec 19 14:42:36 2011

Vial: 15
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

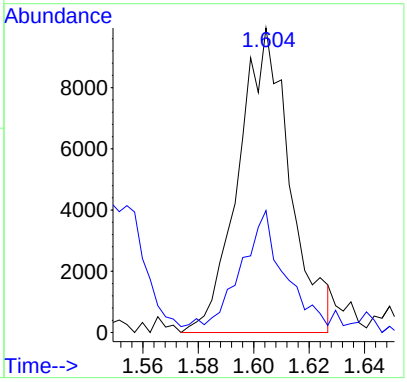


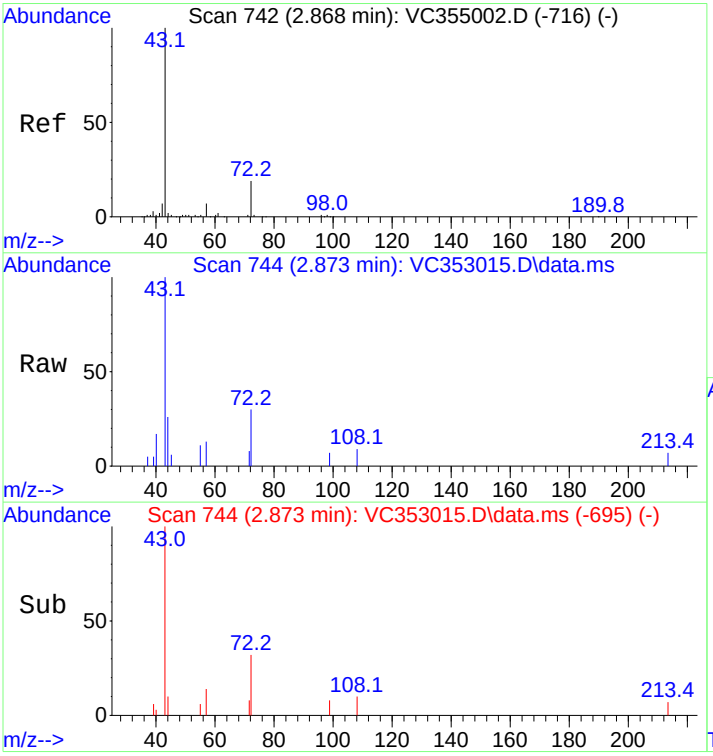


#14
ACETONE
Concen: 5.39 UG/L m
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 12839

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

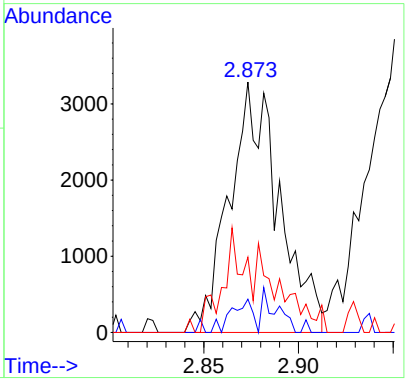


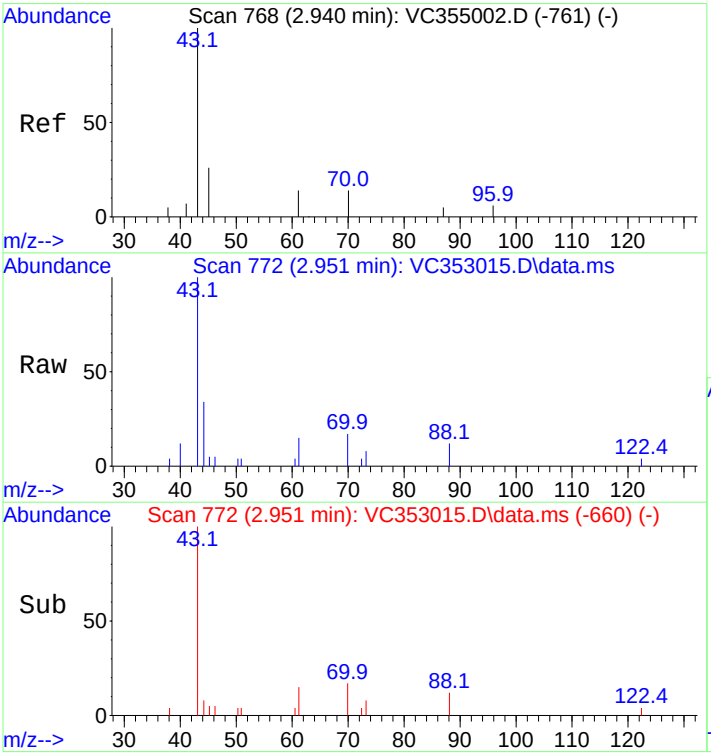


#31
2-BUTANONE
Concen: 1.95 UG/L m
RT: 2.873 min Scan# 744
Delta R.T. 0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 6024

Ion	Ratio	Lower	Upper
43	100		
57	0.0	6.2	9.4#
72	0.0	18.5	27.7#

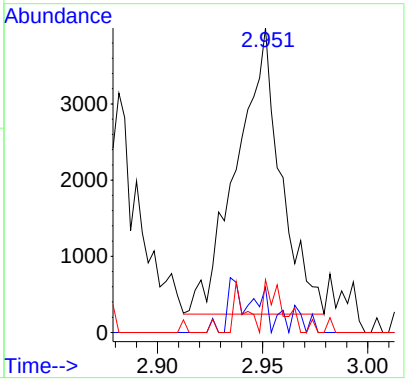


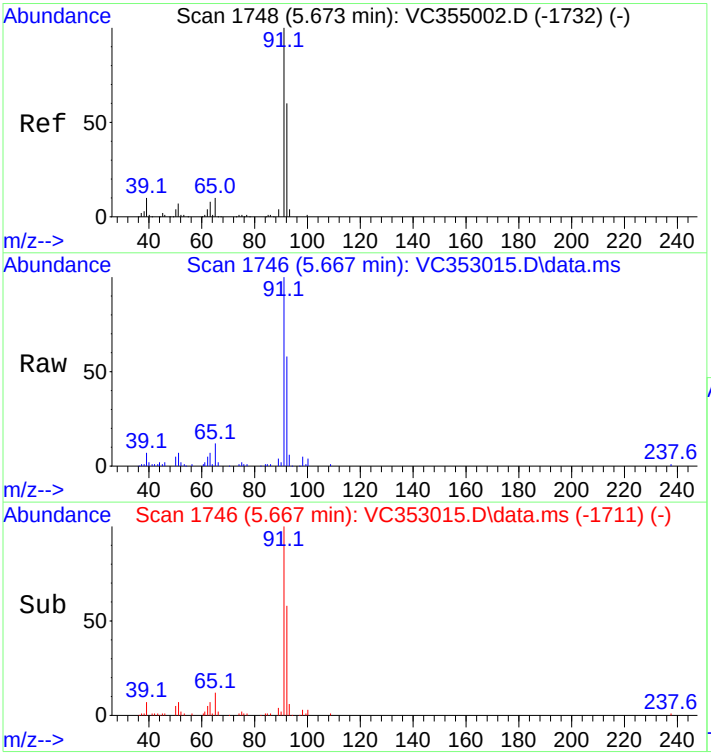


#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.951 min Scan# 772
Delta R.T. 0.011 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 43 Resp: 5470

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#

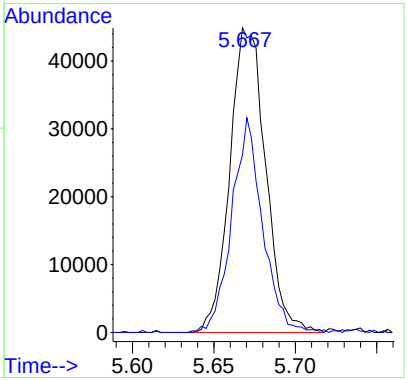




#61
TOLUENE
Concen: 1.86 UG/L
RT: 5.667 min Scan# 1746
Delta R.T. -0.003 min
Lab File: VC353015.D
Acq: 19 Dec 2011 1:15 pm

Tgt Ion: 91 Resp: 68705

Ion	Ratio	Lower	Upper
91	100		
92	60.5	47.9	71.9



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Instrument:	GCMSVOA3

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
11L0394-01	98.3	104	100
11L0394-02	100	103	98.4
11L0394-03	98.3	103	97.1
11L0394-04	100	106	101
11L0394-05	100	105	99.5
B043044-BLK1	95.6	104	100
B043044-BS1	96.3	107	100
B043044-BSD1	94.5	107	101
B043044-MS1	101	107	101
B043044-MSD1	96.7	108	102

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	2.34	86.5	84.1		70 - 130
Acrylonitrile	10.0	ND	9.90	99.0		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	11.2	112		70 - 130
Benzene	10.0	ND	12.7	127		70 - 130
Bromobenzene	10.0	ND	11.1	111		70 - 130
Bromochloromethane	10.0	ND	11.1	111		70 - 130
Bromodichloromethane	10.0	ND	9.38	93.8		70 - 130
Bromoform	10.0	ND	12.2	122		70 - 130
Bromomethane	10.0	ND	5.24	52.4	*	70 - 130
2-Butanone (MEK)	100	ND	124	124		70 - 130
tert-Butyl Alcohol (TBA)	100	ND	118	118		70 - 130
n-Butylbenzene	10.0	ND	9.77	97.7		70 - 130
sec-Butylbenzene	10.0	ND	10.5	105		70 - 130
tert-Butylbenzene	10.0	ND	10.6	106		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	9.75	97.5		70 - 130
Carbon Disulfide	10.0	ND	12.4	124		70 - 130
Carbon Tetrachloride	10.0	ND	11.6	116		70 - 130
Chlorobenzene	10.0	ND	11.1	111		70 - 130
Chlorodibromomethane	10.0	ND	12.2	122		70 - 130
Chloroethane	10.0	ND	7.81	78.1		70 - 130
Chloroform	10.0	ND	12.6	126		70 - 130
Chloromethane	10.0	ND	6.60	66.0	*	70 - 130
2-Chlorotoluene	10.0	ND	11.9	119		70 - 130
4-Chlorotoluene	10.0	ND	11.7	117		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	9.47	94.7		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	12.1	121		70 - 130
Dibromomethane	10.0	ND	12.2	122		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.7	107		70 - 130
1,3-Dichlorobenzene	10.0	ND	10.5	105		70 - 130
1,4-Dichlorobenzene	10.0	ND	10.8	108		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	11.8	118		70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	6.81	68.1	*	70 - 130
1,1-Dichloroethane	10.0	ND	10.8	108		70 - 130
1,2-Dichloroethane	10.0	ND	10.9	109		70 - 130
1,1-Dichloroethylene	10.0	ND	7.63	76.3		70 - 130
cis-1,2-Dichloroethylene	10.0	ND	11.4	114		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	10.2	102		70 - 130
1,2-Dichloropropane	10.0	ND	11.3	113		70 - 130
1,3-Dichloropropane	10.0	ND	12.4	124		70 - 130
2,2-Dichloropropane	10.0	ND	11.7	117		70 - 130
1,1-Dichloropropene	10.0	ND	12.8	128		70 - 130
cis-1,3-Dichloropropene	10.0	ND	12.0	120		70 - 130
trans-1,3-Dichloropropene	10.0	ND	12.8	128		70 - 130
Diethyl Ether	10.0	ND	8.55	85.5		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	9.56	95.6		70 - 130
1,4-Dioxane	100	ND	148	148	*	70 - 130
Ethylbenzene	10.0	ND	11.7	117		70 - 130
Hexachlorobutadiene	10.0	ND	10.5	105		70 - 130
2-Hexanone (MBK)	100	ND	124	124		70 - 130
Isopropylbenzene (Cumene)	10.0	ND	13.9	139	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	11.2	112		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	0.200	10.0	98.3		70 - 130
Methylene Chloride	10.0	ND	5.97	59.7	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	114	114		70 - 130
Naphthalene	10.0	ND	11.2	112		70 - 130
n-Propylbenzene	10.0	ND	12.2	122		70 - 130
Styrene	10.0	ND	11.6	116		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	10.5	105		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	12.6	126		70 - 130
Tetrachloroethylene	10.0	ND	11.8	118		70 - 130
Tetrahydrofuran	10.0	ND	12.2	122		70 - 130
Toluene	10.0	0.230	11.8	116		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	11.3	113		70 - 130
1,2,4-Trichlorobenzene	10.0	ND	10.1	101		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.09	90.9		70 - 130
1,1,1-Trichloroethane	10.0	ND	12.3	123		70 - 130
1,1,2-Trichloroethane	10.0	ND	11.4	114		70 - 130
Trichloroethylene	10.0	ND	11.7	117		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	9.51	95.1		70 - 130
1,2,3-Trichloropropane	10.0	ND	12.4	124		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	8.43	84.3		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	10.6	106		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	11.3	113		70 - 130
Vinyl Chloride	10.0	ND	6.99	69.9	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	ND	23.1	115	70 - 130
o-Xylene	10.0	ND	11.9	119	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	86.2	83.9		0.278	30	70 - 130
Acrylonitrile	10.0	9.57	95.7		3.39	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.2	112		0.179	30	70 - 130
Benzene	10.0	12.3	123		3.20	30	70 - 130
Bromobenzene	10.0	11.0	110		1.27	30	70 - 130
Bromochloromethane	10.0	11.1	111		0.450	30	70 - 130
Bromodichloromethane	10.0	9.56	95.6		1.90	30	70 - 130
Bromoform	10.0	12.0	120		1.32	30	70 - 130
Bromomethane	10.0	5.96	59.6	*	12.9	30	70 - 130
2-Butanone (MEK)	100	126	126		1.18	30	70 - 130
tert-Butyl Alcohol (TBA)	100	123	123		3.52	30	70 - 130
n-Butylbenzene	10.0	9.61	96.1		1.65	30	70 - 130
sec-Butylbenzene	10.0	10.7	107		2.08	30	70 - 130
tert-Butylbenzene	10.0	10.9	109		2.60	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.92	99.2		1.73	30	70 - 130
Carbon Disulfide	10.0	12.4	124		0.726	30	70 - 130
Carbon Tetrachloride	10.0	11.7	117		0.856	30	70 - 130
Chlorobenzene	10.0	11.2	112		0.537	30	70 - 130
Chlorodibromomethane	10.0	12.6	126		3.47	30	70 - 130
Chloroethane	10.0	7.89	78.9		1.02	30	70 - 130
Chloroform	10.0	12.2	122		2.90	30	70 - 130
Chloromethane	10.0	6.77	67.7	*	2.54	30	70 - 130
2-Chlorotoluene	10.0	12.1	121		1.08	30	70 - 130
4-Chlorotoluene	10.0	11.8	118		0.852	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	10.4	104		8.98	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	12.3	123		1.81	30	70 - 130
Dibromomethane	10.0	12.0	120		1.57	30	70 - 130
1,2-Dichlorobenzene	10.0	10.7	107		0.0933	30	70 - 130
1,3-Dichlorobenzene	10.0	10.8	108		3.01	30	70 - 130
1,4-Dichlorobenzene	10.0	10.7	107		0.650	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	12.8	128		7.74	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.88	68.8	*	1.02	30	70 - 130
1,1-Dichloroethane	10.0	11.2	112		3.74	30	70 - 130
1,2-Dichloroethane	10.0	10.9	109		0.00	30	70 - 130
1,1-Dichloroethylene	10.0	7.56	75.6		0.922	30	70 - 130
cis-1,2-Dichloroethylene	10.0	11.6	116		1.74	30	70 - 130
trans-1,2-Dichloroethylene	10.0	10.0	100		1.09	30	70 - 130
1,2-Dichloropropane	10.0	10.8	108		4.70	30	70 - 130
1,3-Dichloropropane	10.0	12.8	128		3.27	30	70 - 130
2,2-Dichloropropane	10.0	11.9	119		1.95	30	70 - 130
1,1-Dichloropropene	10.0	12.6	126		1.42	30	70 - 130
cis-1,3-Dichloropropene	10.0	12.5	125		4.57	30	70 - 130
trans-1,3-Dichloropropene	10.0	12.9	129		0.855	30	70 - 130
Diethyl Ether	10.0	8.67	86.7		1.39	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.60	96.0		0.418	30	70 - 130
1,4-Dioxane	100	170	170	*	13.4	30	70 - 130
Ethylbenzene	10.0	11.8	118		0.764	30	70 - 130
Hexachlorobutadiene	10.0	10.2	102		2.60	30	70 - 130
2-Hexanone (MBK)	100	127	127		2.15	30	70 - 130
Isopropylbenzene (Cumene)	10.0	14.1	141	*	1.71	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	11.6	116		2.90	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.2	100		1.68	30	70 - 130
Methylene Chloride	10.0	5.94	59.4	*	0.504	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	118	118		2.99	30	70 - 130
Naphthalene	10.0	10.9	109		3.35	30	70 - 130
n-Propylbenzene	10.0	12.3	123		1.14	30	70 - 130
Styrene	10.0	11.6	116		0.0864	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9	109		4.30	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	13.1	131	*	3.50	30	70 - 130
Tetrachloroethylene	10.0	11.6	116		1.87	30	70 - 130
Tetrahydrofuran	10.0	11.8	118		3.01	30	70 - 130
Toluene	10.0	12.0	118		1.93	30	70 - 130
1,2,3-Trichlorobenzene	10.0	10.8	108		4.70	30	70 - 130
1,2,4-Trichlorobenzene	10.0	9.73	97.3		3.63	30	70 - 130
1,3,5-Trichlorobenzene	10.0	8.76	87.6		3.70	30	70 - 130
1,1,1-Trichloroethane	10.0	12.1	121		1.39	30	70 - 130
1,1,2-Trichloroethane	10.0	11.6	116		2.61	30	70 - 130
Trichloroethylene	10.0	11.6	116		1.20	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.59	95.9		0.838	30	70 - 130
1,2,3-Trichloropropane	10.0	12.9	129		4.51	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.47	84.7		0.473	30	70 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107		0.846	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114		0.353	30	70 - 130
Vinyl Chloride	10.0	6.94	69.4	*	0.718	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

PW21-100

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B043044	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B043044-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	11L0394-02
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	23.3	116	0.992	20	70 - 130
o-Xylene	10.0	12.1	121	1.17	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Acetone	100	88.2	88.2		70 - 160
Acrylonitrile	10.0	9.09	90.9		70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.4	114		70 - 130
Benzene	10.0	12.6	126		70 - 130
Bromobenzene	10.0	11.4	114		70 - 130
Bromochloromethane	10.0	11.0	110		70 - 130
Bromodichloromethane	10.0	9.56	95.6		70 - 130
Bromoform	10.0	12.0	120		70 - 130
Bromomethane	10.0	5.81	58.1		40 - 160
2-Butanone (MEK)	100	108	108		40 - 160
tert-Butyl Alcohol (TBA)	100	96.9	96.9		40 - 160
n-Butylbenzene	10.0	9.91	99.1		70 - 130
sec-Butylbenzene	10.0	10.6	106		70 - 130
tert-Butylbenzene	10.0	11.0	110		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.3	103		70 - 130
Carbon Disulfide	10.0	14.1	141	*	70 - 130
Carbon Tetrachloride	10.0	11.8	118		70 - 130
Chlorobenzene	10.0	11.6	116		70 - 130
Chlorodibromomethane	10.0	12.4	124		70 - 130
Chloroethane	10.0	8.69	86.9		70 - 130
Chloroform	10.0	12.5	125		70 - 130
Chloromethane	10.0	8.68	86.8		40 - 160
2-Chlorotoluene	10.0	12.2	122		70 - 130
4-Chlorotoluene	10.0	11.9	119		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.94	79.4		70 - 130
1,2-Dibromoethane (EDB)	10.0	11.8	118		70 - 130
Dibromomethane	10.0	11.7	117		70 - 130
1,2-Dichlorobenzene	10.0	11.0	110		70 - 130
1,3-Dichlorobenzene	10.0	11.1	111		70 - 130
1,4-Dichlorobenzene	10.0	11.1	111		70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.6	106		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	9.02	90.2		40 - 160
1,1-Dichloroethane	10.0	11.2	112		70 - 130
1,2-Dichloroethane	10.0	10.7	107		70 - 130
1,1-Dichloroethylene	10.0	7.85	78.5		70 - 130
cis-1,2-Dichloroethylene	10.0	11.4	114		70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102		70 - 130
1,2-Dichloropropane	10.0	11.3	113		70 - 130
1,3-Dichloropropane	10.0	12.1	121		70 - 130
2,2-Dichloropropane	10.0	12.0	120		40 - 130
1,1-Dichloropropene	10.0	12.3	123		70 - 130
cis-1,3-Dichloropropene	10.0	12.3	123		70 - 130
trans-1,3-Dichloropropene	10.0	13.2	132	*	70 - 130
Diethyl Ether	10.0	8.88	88.8		70 - 130
Diisopropyl Ether (DIPE)	10.0	9.76	97.6		70 - 130
1,4-Dioxane	100	130	130		40 - 130
Ethylbenzene	10.0	11.7	117		70 - 130
Hexachlorobutadiene	10.0	10.6	106		70 - 130
2-Hexanone (MBK)	100	102	102		70 - 160
Isopropylbenzene (Cumene)	10.0	14.0	140	*	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.5	115		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.74	97.4		70 - 130
Methylene Chloride	10.0	6.75	67.5	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	97.4	97.4		70 - 160
Naphthalene	10.0	9.61	96.1		40 - 130
n-Propylbenzene	10.0	12.3	123		70 - 130
Styrene	10.0	12.5	125		70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.3	113		70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.8	118		70 - 130
Tetrachloroethylene	10.0	11.6	116		70 - 130
Tetrahydrofuran	10.0	8.73	87.3		70 - 130
Toluene	10.0	11.5	115		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.93	99.3	70 - 130
1,2,4-Trichlorobenzene	10.0	9.58	95.8	70 - 130
1,3,5-Trichlorobenzene	10.0	9.37	93.7	70 - 130
1,1,1-Trichloroethane	10.0	12.2	122	70 - 130
1,1,2-Trichloroethane	10.0	11.2	112	70 - 130
Trichloroethylene	10.0	11.6	116	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.88	98.8	70 - 130
1,2,3-Trichloropropane	10.0	11.6	116	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.65	86.5	70 - 130
1,2,4-Trimethylbenzene	10.0	11.1	111	70 - 130
1,3,5-Trimethylbenzene	10.0	11.7	117	70 - 130
Vinyl Chloride	10.0	7.99	79.9	40 - 160
m+p Xylene	20.0	23.6	118	70 - 130
o-Xylene	10.0	12.2	122	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	85.5	85.5	3.06	25	70 - 160
Acrylonitrile	10.0	8.32	83.2	8.85	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.8	108	5.67	25	70 - 130
Benzene	10.0	11.4	114	10.0	25	70 - 130
Bromobenzene	10.0	10.7	107	6.07	25	70 - 130
Bromochloromethane	10.0	10.5	105	5.02	25	70 - 130
Bromodichloromethane	10.0	8.96	89.6	6.48	25	70 - 130
Bromoform	10.0	11.3	113	6.42	25	70 - 130
Bromomethane	10.0	6.12	61.2	5.20	25	40 - 160
2-Butanone (MEK)	100	104	104	4.22	25	40 - 160
tert-Butyl Alcohol (TBA)	100	92.7	92.7	4.43	25	40 - 160
n-Butylbenzene	10.0	8.78	87.8	12.1	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	9.50	95.0	11.3	25	70 - 130
tert-Butylbenzene	10.0	10.1	101	8.47	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.49	94.9	8.57	25	70 - 130
Carbon Disulfide	10.0	12.8	128	9.15	25	70 - 130
Carbon Tetrachloride	10.0	10.5	105	11.6	25	70 - 130
Chlorobenzene	10.0	10.9	109	5.97	25	70 - 130
Chlorodibromomethane	10.0	11.7	117	5.97	25	70 - 130
Chloroethane	10.0	7.36	73.6	16.6	25	70 - 130
Chloroform	10.0	11.2	112	10.8	25	70 - 130
Chloromethane	10.0	7.59	75.9	13.4	25	40 - 160
2-Chlorotoluene	10.0	11.3	113	7.67	25	70 - 130
4-Chlorotoluene	10.0	11.1	111	7.06	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.11	81.1	2.12	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.1	111	6.01	25	70 - 130
Dibromomethane	10.0	11.2	112	5.07	25	70 - 130
1,2-Dichlorobenzene	10.0	10.3	103	6.60	25	70 - 130
1,3-Dichlorobenzene	10.0	10.3	103	7.78	25	70 - 130
1,4-Dichlorobenzene	10.0	10.3	103	7.86	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	10.7	107	1.13	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.79	77.9	14.6	25	40 - 160
1,1-Dichloroethane	10.0	10.1	101	10.5	25	70 - 130
1,2-Dichloroethane	10.0	10.0	100	6.58	25	70 - 130
1,1-Dichloroethylene	10.0	7.02	70.2	11.2	25	70 - 130
cis-1,2-Dichloroethylene	10.0	10.4	104	9.81	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.15	91.5	10.7	25	70 - 130
1,2-Dichloropropane	10.0	10.5	105	6.61	25	70 - 130
1,3-Dichloropropane	10.0	11.4	114	5.62	25	70 - 130
2,2-Dichloropropane	10.0	10.5	105	13.4	25	40 - 130
1,1-Dichloropropene	10.0	11.1	111	10.0	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	11.6	116		6.18	25	70 - 130
trans-1,3-Dichloropropene	10.0	12.8	128		3.00	25	70 - 130
Diethyl Ether	10.0	8.38	83.8		5.79	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.03	90.3		7.77	25	70 - 130
1,4-Dioxane	100	120	120		7.69	50	40 - 130
Ethylbenzene	10.0	10.7	107		9.28	25	70 - 130
Hexachlorobutadiene	10.0	9.78	97.8		8.42	25	70 - 130
2-Hexanone (MBK)	100	102	102		0.608	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.8	128		8.94	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.5	105		9.65	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	9.08	90.8		7.01	25	70 - 130
Methylene Chloride	10.0	6.29	62.9	*	7.06	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	94.9	94.9		2.52	25	70 - 160
Naphthalene	10.0	9.94	99.4		3.38	25	40 - 130
n-Propylbenzene	10.0	11.2	112		9.70	25	70 - 130
Styrene	10.0	11.5	115		8.67	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.5	105		6.80	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	11.3	113		4.08	25	70 - 130
Tetrachloroethylene	10.0	10.5	105		9.68	25	70 - 130
Tetrahydrofuran	10.0	9.50	95.0		8.45	25	70 - 130
Toluene	10.0	10.6	106		7.61	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.89	98.9		0.404	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.49	94.9		0.944	25	70 - 130
1,3,5-Trichlorobenzene	10.0	8.80	88.0		6.27	25	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109		10.6	25	70 - 130
1,1,2-Trichloroethane	10.0	10.4	104		7.30	25	70 - 130
Trichloroethylene	10.0	10.5	105		9.40	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.66	86.6		13.2	25	70 - 130
1,2,3-Trichloropropane	10.0	11.3	113		2.71	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B043044	Laboratory ID:	B043044-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	7.59	75.9	13.1	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.0	100	9.84	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	7.28	25	70 - 130
Vinyl Chloride	10.0	7.06	70.6	12.4	25	40 - 160
m+p Xylene	20.0	21.4	107	9.46	25	70 - 130
o-Xylene	10.0	11.3	113	7.56	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B043044-BLK1	Batch:	B043044

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B043044-MSD1	VC353017.D	14:17
Matrix Spike	B043044-MS1	VC353016.D	13:46
LCS Dup	B043044-BSD1	VC353007.D	09:10
LCS	B043044-BS1	VC353006.D	08:39
PW21-175	11L0394-05	VC353015.D	13:15
PW21-150	11L0394-04	VC353014.D	12:44
PW21-125	11L0394-03	VC353013.D	12:13
PW21-100	11L0394-02	VC353012.D	11:42
TB-120811	11L0394-01	VC353011.D	11:12

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VC353004.D	Injection Date:	12/19/11
Instrument ID:	GCMSVOA3	Injection Time:	07:35
Sequence:	S001578	Lab Sample ID:	S001578-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.1	PASS
75	30 - 60% of 95	46.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.39	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	92.8	PASS
175	5 - 9% of 174	7.54	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 9% of 176	6.54	PASS

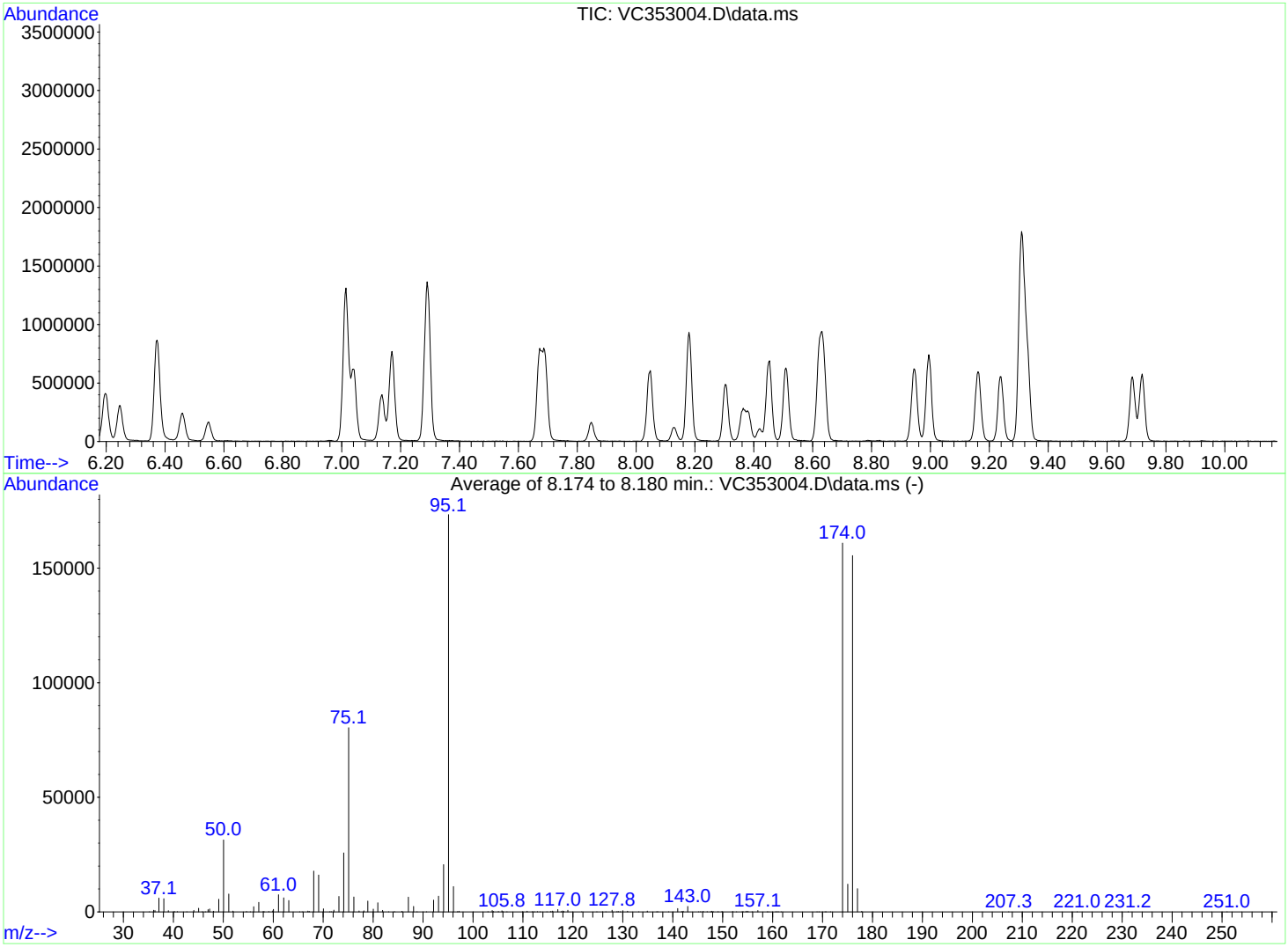
Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001578-CCV1	VC353004.D	12/19/2011	7:35:00
LCS	B043044-BS1	VC353006.D	12/19/2011	8:39:00
LCS Dup	B043044-BSD1	VC353007.D	12/19/2011	9:10:00
Blank	B043044-BLK1	VC353009.D	12/19/2011	10:10:00
TB-120811	11L0394-01	VC353011.D	12/19/2011	11:12:00
PW21-100	11L0394-02	VC353012.D	12/19/2011	11:42:00
PW21-125	11L0394-03	VC353013.D	12/19/2011	12:13:00
PW21-150	11L0394-04	VC353014.D	12/19/2011	12:44:00
PW21-175	11L0394-05	VC353015.D	12/19/2011	13:15:00
Matrix Spike	B043044-MS1	VC353016.D	12/19/2011	13:46:00
Matrix Spike Dup	B043044-MSD1	VC353017.D	12/19/2011	14:17:00

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Data Path : Y:\1\DATA\121911\
Data File : VC353004.D
Acq On : 19 Dec 2011 7:35 am
Operator :
Sample : 8260 STD 10PPB/BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2645, 2646, 2647; Background Corrected with Scan 2634

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	31420	PASS
75	95	30	60	46.4	80377	PASS
95	95	100	100	100.0	173333	PASS
96	95	5	9	6.4	11083	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.8	160917	PASS
175	174	5	9	7.5	12133	PASS
176	174	95	101	96.6	155477	PASS
177	176	5	9	6.5	10167	PASS

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VOLATILES CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	0.4	0.1735585	0.5	0.1615208	1	0.183608	2	0.1576183	5	0.2543982	10	0.2270566
Ethyl Methacrylate	0.4	0.3120944	0.5	0.3184248	1	0.3823829	2	0.3331603	5	0.5263728	10	0.3743926
Acetone	4	0.1554043	5	0.1675105	10	0.1595649	20	0.1407027	50	0.1655124	100	0.1378071
Acrolein	4	2.214989E-02	5	2.459122E-02	10	2.403438E-02	20	2.916116E-02	50	4.090153E-02	100	3.533886E-02
Acrylonitrile	0.4	0.232374	0.5	0.2593189	1	0.2441684	2	0.2291564	5	0.2954679	10	0.2290744
tert-Amyl Methyl Ether (TAME)	0.4	1.296146	0.5	1.316429	1	1.236643	2	1.164808	5	1.221491	10	1.163852
Benzene	0.4	2.298883	0.5	2.284467	1	2.138033	2	2.042247	5	2.188259	10	2.050384
Bromobenzene			0.5	1.37265	1	1.383101	2	1.257432	5	1.597306	10	1.362268
Bromochloromethane	0.4	0.4989273	0.5	0.5140464	1	0.577107	2	0.5001036	5	0.4921447	10	0.536249
Bromodichloromethane	0.4	0.4656298	0.5	0.4610418	1	0.5502508	2	0.5002065	5	0.7346128	10	0.5172008
Bromoform	0.4	0.4531623	0.5	0.4257268	1	0.4628235	2	0.4727172	5	0.5520071	10	0.5527317
Bromomethane	0.4	0.654953	0.5	0.9494891	1	0.7242521	2	0.6052736	5	0.6228465	10	0.4329208
2-Butanone (MEK)	4	0.2051417	5	0.2077306	10	0.2155445	20	0.2061988	50	0.1937696	100	0.2324402
tert-Butyl Alcohol (TBA)	4	4.416661E-02	5	4.418706E-02	10	3.408896E-02	20	0.041921	50	4.878132E-02	100	4.024843E-02
n-Butylbenzene	0.4	1.290612	0.5	1.431339	1	1.733816	2	1.813207	5	2.370621	10	2.708798
sec-Butylbenzene	0.4	3.250919	0.5	3.153298	1	3.204015	2	3.139867	5	3.312352	10	3.198559
tert-Butylbenzene	0.4	2.340633	0.5	2.424729	1	2.318174	2	2.291033	5	2.477728	10	2.253446
tert-Butyl Ethyl Ether (TBEE)	0.4	1.840793	0.5	1.781807	1	1.771781	2	1.687718	5	1.747137	10	1.889951
Carbon Disulfide	4	1.344041	5	1.334335	10	1.501464	20	1.377463	50	1.944044	100	1.535119
Carbon Tetrachloride	0.4	0.6591699	0.5	0.6683155	1	0.6780554	2	0.6432844	5	0.6546838	10	0.6825337
Chlorobenzene	0.4	2.40479	0.5	2.322348	1	2.321426	2	2.112926	5	2.271646	10	2.178357
Chlorodibromomethane	0.4	0.3026751	0.5	0.3169986	1	0.4198244	2	0.3612769	5	0.4376995	10	0.3975693
Chloroethane	0.4	0.4352297	0.5	0.4097312	1	0.4477762	2	0.3775452	5	0.455046	10	0.3571921
2-Chloroethyl Vinyl Ether	4	0.1987169	5	0.1868023	10	0.2081794	20	0.2025665	50	0.2201649	100	0.2106516
Chloroform	0.4	1.051787	0.5	1.083556	1	1.047931	2	1.010203	5	1.041699	10	1.063486
Chloromethane	0.4	0.6800326	0.5	0.7028423	1	0.7539428	2	0.6086337	5	0.7863645	10	0.5479636

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene											10	2.505747
4-Chlorotoluene	0.4	2.907023	0.5	2.813016	1	2.772317	2	2.478543	5	3.122606	10	2.856938
Cyclohexane									5	0.9701938	10	0.9659838
1,2-Dibromo-3-chloropropane (D					1	0.1127935	2	9.068737E-02	5	0.1138942	10	0.1228291
1,2-Dibromoethane (EDB)	0.4	0.3422364	0.5	0.3098678	1	0.3891904	2	0.2907898	5	0.4177158	10	0.3486287
Dibromomethane	0.4	0.2825805	0.5	0.290809	1	0.2692848	2	0.2254147	5	0.2645898	10	0.2504243
1,2-Dichlorobenzene	0.4	1.583283	0.5	1.468327	1	1.713749	2	1.640477	5	1.650722	10	2.014451
1,3-Dichlorobenzene	0.4	1.796368	0.5	1.774798	1	1.747895	2	1.591776	5	1.736705	10	1.741841
1,4-Dichlorobenzene	0.4	1.912262	0.5	1.640523	1	1.847095	2	1.657456	5	1.771126	10	1.721234
trans-1,4-Dichloro-2-butene	0.4	0.1781692	0.5	0.1692916	1	0.1630248	2	0.1620981	5	0.1872946	10	0.2057365
Dichlorodifluoromethane (Freon	0.4	0.7386254	0.5	0.6589491	1	0.6807728	2	0.5607948	5	0.7669342	10	0.5947683
1,1-Dichloroethane	0.4	1.114153	0.5	1.0033	1	1.103085	2	0.9944951	5	1.230178	10	1.102254
1,2-Dichloroethane	0.4	0.5656319	0.5	0.6275147	1	0.6836168	2	0.6414515	5	0.6223722	10	0.7705025
1,1-Dichloroethylene	0.4	0.8458238	0.5	0.8358076	1	0.9867381	2	0.8902491	5	1.170174	10	0.9508327
cis-1,2-Dichloroethylene	0.4	1.004513	0.5	0.9691401	1	1.098556	2	0.9251518	5	0.95463	10	1.005602
trans-1,2-Dichloroethylene	0.4	0.8458238	0.5	0.8302979	1	0.9633882	2	0.9091915	5	1.130531	10	0.9440044
Dichlorofluoromethane (Freon 2	0.4	1.106828	0.5	1.109635	1	1.207959	2	1.077741	5	1.467894	10	1.172882
1,2-Dichloropropane	0.4	0.3923159	0.5	0.4177381	1	0.4219131	2	0.385334	5	0.4179806	10	0.3672447
1,3-Dichloropropane	0.4	0.5201051	0.5	0.5415556	1	0.5946545	2	0.5330745	5	0.6155933	10	0.5524675
2,2-Dichloropropane	0.4	0.5395428	0.5	0.6304828	1	0.5213488	2	0.5024136	5	0.5495301	10	0.5898999
1,1-Dichloropropene	0.4	0.8629134	0.5	0.792649	1	0.7477027	2	0.7163238	5	0.8050607	10	0.7427891
cis-1,3-Dichloropropene	0.4	0.4989115	0.5	0.4297957	1	0.4878225	2	0.4549792	5	0.5848233	10	0.5023743
trans-1,3-Dichloropropene	0.4	0.3849374	0.5	0.3575797	1	0.3402225	2	0.3329498	5	0.4158092	10	0.3951977
Diethyl Ether	0.4	0.496042	0.5	0.4040379	1	0.5110829	2	0.4482326	5	0.5587803	10	0.4701855
Difluorochloromethane (Freon 2	0.4	0.7823482	0.5	0.8936584	1	0.8127204	2	0.7223719	5	1.011869	10	0.7284256
Diisopropyl Ether (DIPE)	0.4	1.967966	0.5	1.89604	1	2.056409	2	1.913347	5	2.143794	10	2.120368

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	3.196582E-03	50	3.129956E-03	100	2.883196E-03
Ethyl Acetate	0.4	0.8074277	0.5	0.781997	1	0.4441529	2	0.4914514	5	0.43148	10	0.5309331
Ethylbenzene	0.4	3.725086	0.5	3.6431	1	3.853233	2	3.627565	5	3.979666	10	3.741184
Hexachlorobutadiene			0.5	0.2098054	1	0.273326	2	0.2986123	5	0.4582088	10	0.4050887
2-Hexanone (MBK)			5	0.1653449	10	0.2025554	20	0.1711961	50	0.2255704	100	0.2051464
Iodomethane	4	0.2550788	5	0.3616323	10	0.4641313	20	0.5443557	50	0.9388631	100	0.852968
Isopropylbenzene (Cumene)	0.4	2.804929	0.5	2.811351	1	2.875531	2	2.650841	5	3.135533	10	2.976234
p-Isopropyltoluene (p-Cymene)	0.4	2.269849	0.5	2.552166	1	2.596031	2	2.572897	5	2.783985	10	2.688827
Methyl Acetate	0.4	1.136791	0.5	1.224235	1	1.12865	2	1.071105	5	1.378108	10	1.144853
Methyl tert-Butyl Ether (MTBE)	0.4	1.490124	0.5	1.586951	1	1.6502	2	1.501739	5	1.979052	10	1.66911
Methyl Cyclohexane	0.4	0.5417696	0.5	0.5445376	1	0.5183017	2	0.4883885	5	0.5453855	10	0.4910804
Methylene Chloride							2	1.222769	5	1.324246	10	0.9459196
4-Methyl-2-pentanone (MIBK)	4	0.2962542	5	0.3052263	10	0.3156922	20	0.3061081	50	0.3561865	100	0.3112061
Naphthalene							2	0.1697205	5	0.7465285	10	1.081126
n-Propylbenzene	0.4	3.514642	0.5	3.51516	1	3.718995	2	3.382764	5	4.377785	10	3.981043
Styrene	0.4	2.193029	0.5	1.926317	1	2.330375	2	2.180467	5	2.496233	10	2.44184
1,1,1,2-Tetrachloroethane	0.4	0.776238	0.5	0.6804968	1	0.7299575	2	0.7027007	5	0.8311335	10	0.7424871
1,1,2,2-Tetrachloroethane	0.4	0.9488085	0.5	0.9743981	1	0.848982	2	0.7104886	5	0.9468581	10	0.8957271
Tetrachloroethylene	0.4	0.4403546	0.5	0.4760814	1	0.4775338	2	0.3874991	5	0.4548587	10	0.4053059
Tetrahydrofuran					1	0.138087	2	0.1680872	5	0.1343481	10	0.1475287
Toluene	0.4	1.651526	0.5	1.596273	1	1.878573	2	1.556883	5	2.092463	10	1.595684
1,2,3-Trichlorobenzene							2	0.1600729	5	0.4438378	10	0.6237953
1,2,4-Trichlorobenzene					1	7.816251E-02	2	0.2536159	5	0.665497	10	0.7236138
1,3,5-Trichlorobenzene	0.4	0.3069742	0.5	0.3235666	1	0.6123539	2	0.8168038	5	1.024979	10	1.292162
1,1,1-Trichloroethane	0.4	0.7619294	0.5	0.7673048	1	0.7992337	2	0.7668927	5	0.8752692	10	0.8379735
1,1,2-Trichloroethane	0.4	0.3584062	0.5	0.4017909	1	0.3707791	2	0.327988	5	0.4571183	10	0.3390347

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.4828986	0.5	0.3549866	1	0.4349093	2	0.3850032	5	0.4684165	10	0.4081999
Trichlorofluoromethane (Freon 1	0.4	0.891544	0.5	0.8909036	1	0.8927343	2	0.8409401	5	1.121134	10	0.922392
1,2,3-Trichloropropane	0.4	0.6428581	0.5	0.7129675	1	0.6283839	2	0.6348153	5	0.6911527	10	0.659314
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.4802841	0.5	0.4464619	1	0.5480201	2	0.4935515	5	0.6326596	10	0.5259573
1,2,4-Trimethylbenzene	0.4	2.811546	0.5	2.773161	1	2.952051	2	2.99114	5	2.820034	10	2.853383
1,3,5-Trimethylbenzene	0.4	2.687687	0.5	2.479983	1	2.71892	2	2.539054	5	3.095009	10	2.867044
Vinyl Acetate	4	0.8337057	5	0.8375339	10	0.9012993	20	0.8889303	50	1.084857	100	1.089256
Vinyl Chloride	0.4	0.7874528	0.5	0.7763038	1	0.8165449	2	0.7121237	5	0.941758	10	0.6613329
m+p Xylene	0.8	2.911139	1	2.860057	2	2.891267	4	2.837578	10	3.264075	20	3.275482
o-Xylene	0.4	2.916573	0.5	2.683688	1	3.090014	2	2.768142	5	3.100238	10	3.025641
1,2-Dichloroethane-d4	25	0.5848671	25	0.5736273	25	0.5535758	25	0.5732572	25	0.5637676	25	0.5530933
Toluene-d8	25	1.16541	25	1.183067	25	1.245431	25	1.135472	25	1.241726	25	1.148661
4-Bromofluorobenzene	25	0.8989422	25	0.8792618	25	0.9286837	25	0.8140522	25	0.9974691	25	0.9579516

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene												
Ethyl Methacrylate	20	0.4365997	50	0.5028054	100	0.5207257						
Acetone	200	0.1857258	500	0.1795072								
Acrolein	200	0.0505898	500	4.917894E-02	1000	5.503758E-02						
Acrylonitrile	20	0.3187789	50	0.2683178	100	0.2889643						
tert-Amyl Methyl Ether (TAME)	20	1.3252	50	1.344232	100	1.500752	200	1.167222				
Benzene	20	2.129681	50	2.211424	100	2.21074	200	1.788023				
Bromobenzene	20	1.095612	50	1.198263	100	1.723847						
Bromochloromethane	20	0.5030887	50	0.4830379	100	0.4721613	200	0.4352615				
Bromodichloromethane	20	0.605502	50	0.6751782	100	0.6487815	200	0.4868702				
Bromoform	20	0.4875301										
Bromomethane	20	0.5552633	50	0.6211301	100	0.6864128						
2-Butanone (MEK)	200	0.2104967	500	0.1973787	1000	0.2289904	2000	0.1944682				
tert-Butyl Alcohol (TBA)												
n-Butylbenzene	20	2.411004	50	2.416923	100	2.200866	200	1.867141				
sec-Butylbenzene	20	4.152309	50	3.259998	100	3.393057	200	2.493507				
tert-Butylbenzene	20	2.596993	50	2.397583	100	2.282169	200	1.830731				
tert-Butyl Ethyl Ether (TBEE)	20	1.799295	50	1.650319	100	1.755201	200	1.608954				
Carbon Disulfide	200	2.208304	500	2.044101								
Carbon Tetrachloride	20	0.7498092	50	0.7610584	100	0.8117846	200	0.6451614				
Chlorobenzene	20	2.147495	50	2.382677	100	2.420243	200	1.799061				
Chlorodibromomethane												
Chloroethane	20	0.4893615	50	0.5056893	100	0.5321492						
2-Chloroethyl Vinyl Ether	200	0.2355335	500	0.2526967	1000	0.2583613						
Chloroform	20	1.059309	50	1.029284	100	1.00425	200	0.8573507				
Chloromethane	20	0.7625478	50	0.7458241	100	0.9070562						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	2.20288	50	2.132334	100	2.907891	200	2.044111				
4-Chlorotoluene	20	2.375731	50	2.676036	100	3.466228	200	2.319853				
Cyclohexane	20	0.8902721	50	0.8583454	100	0.8774456	200	0.7943506				
1,2-Dibromo-3-chloropropane (D	20	0.1631985	50	0.1344723								
1,2-Dibromoethane (EDB)	20	0.378893	50	0.4134853	100	0.4269205	200	0.3039543				
Dibromomethane	20	0.2690068	50	0.2903415	100	0.286537	200	0.2168938				
1,2-Dichlorobenzene	20	1.853946	50	1.69704	100	1.606448	200	1.308157				
1,3-Dichlorobenzene	20	1.869582	50	1.720756	100	1.670529	200	1.344767				
1,4-Dichlorobenzene	20	1.807305	50	1.789286	100	1.78242	200	1.376928				
trans-1,4-Dichloro-2-butene	20	0.1721061										
Dichlorodifluoromethane (Freon	20	0.7768882	50	0.6869432	100	0.6755002						
1,1-Dichloroethane	20	1.48275	50	0.982545	100	1.026374						
1,2-Dichloroethane	20	0.6230718	50	0.6739395	100	0.6571987	200	0.4992612				
1,1-Dichloroethylene	20	1.334423	50	1.253588	100	1.374544						
cis-1,2-Dichloroethylene	20	0.9698448	50	0.8848888	100	0.9169575	200	0.8209079				
trans-1,2-Dichloroethylene	20	1.28639	50	1.079231	100	1.061325						
Dichlorofluoromethane (Freon 2	20	1.634012	50	1.62392	100	1.719325						
1,2-Dichloropropane	20	0.4069014	50	0.4439664	100	0.4294892	200	0.3521903				
1,3-Dichloropropane	20	0.6123387	50	0.637619	100	0.6479616	200	0.4969883				
2,2-Dichloropropane	20	0.6239932	50	0.6127571	100	0.6597573	200	0.5732735				
1,1-Dichloropropene	20	0.7920294	50	0.7592248	100	0.776682	200	0.6496683				
cis-1,3-Dichloropropene	20	0.5999248										
trans-1,3-Dichloropropene	20	0.4948547										
Diethyl Ether	20	0.6334658	50	0.5967256								
Difluorochloromethane (Freon 2	20	0.9982189	50	0.9408431	100	0.9593559						
Diisopropyl Ether (DIPE)	20	2.42175	50	1.760607	100	1.808605	200	1.594777				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.002456E-03	500	3.134451E-03	1000	3.440139E-03	2000	2.466246E-03				
Ethyl Acetate	20	0.4612126	50	0.3737248	100	0.4486124	200	0.3780754				
Ethylbenzene	20	3.179224	50	3.987535	100	4.375435	200	3.129197				
Hexachlorobutadiene	20	0.3998459	50	0.3793502	100	0.4279586						
2-Hexanone (MBK)	200	0.2303786										
Iodomethane	200	1.307929	500	1.303821								
Isopropylbenzene (Cumene)	20	2.454155	50	2.427366	100	3.327298	200	2.483363				
p-Isopropyltoluene (p-Cymene)	20	2.803705	50	2.750884	100	2.741213	200	2.101775				
Methyl Acetate	20	1.49848	50	1.428729								
Methyl tert-Butyl Ether (MTBE)	20	2.217819	50	1.949134	100	2.032323						
Methyl Cyclohexane	20	0.5302617	50	0.5838687	100	0.5745839	200	0.4732418				
Methylene Chloride	20	1.200798	50	1.080326	100	1.185522						
4-Methyl-2-pentanone (MIBK)	200	0.3363144	500	0.3714068	1000	0.3923807	2000	0.2790742				
Naphthalene	20	1.510054	50	1.830972	100	2.238494	200	1.660524				
n-Propylbenzene	20	3.145963	50	3.721013	100	4.62515	200	3.303387				
Styrene	20	2.044374	50	1.986642	100	2.765132	200	2.01988				
1,1,1,2-Tetrachloroethane	20	0.6603687	50	0.848588	100	0.9071217	200	0.6759214				
1,1,2,2-Tetrachloroethane	20	0.7368084	50	1.012062								
Tetrachloroethylene	20	0.4623519	50	0.4819185	100	0.4759365	200	0.3417671				
Tetrahydrofuran	20	0.1221871	50	0.1241049	100	0.1363181	200	0.1243058				
Toluene	20	1.77158	50	1.821754	100	1.817141	200	1.37208				
1,2,3-Trichlorobenzene	20	0.7005352	50	0.7635543	100	0.8882298						
1,2,4-Trichlorobenzene	20	0.8721403	50	0.9213869	100	0.9691781						
1,3,5-Trichlorobenzene	20	1.337953	50	1.120846	100	1.194302						
1,1,1-Trichloroethane	20	0.8926559	50	0.908418	100	0.9364687	200	0.7634756				
1,1,2-Trichloroethane	20	0.378304	50	0.3986245	100	0.4092153	200	0.3036339				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 11L0394

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1100098 Instrument: GCMSVOA3

Calibration Date: 12/7/2011 12:00:32AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.431906	50	0.4607443	100	0.4461909	200	0.3420923				
Trichlorofluoromethane (Freon 1												
1,2,3-Trichloropropane	20	0.5629586	50	0.7568638								
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.7261588	50	0.6917626	100	0.7725343						
1,2,4-Trimethylbenzene	20	3.046245	50	3.027988	100	2.932644	200	2.317608				
1,3,5-Trimethylbenzene	20	2.524404	50	2.557343	100	3.65494	200	2.338969				
Vinyl Acetate	200	1.309281										
Vinyl Chloride	20	0.8685301	50	0.9160032	100	1.052594						
m+p Xylene	40	2.36008	100	2.895467	200	3.157614	400	2.363743				
o-Xylene	20	2.502072	50	2.418859	100	3.380775	200	2.438732				
1,2-Dichloroethane-d4	25	0.5438173	25	0.5619795	25	0.5501465	25	0.5731934				
Toluene-d8	25	1.215295	25	1.286152	25	1.214235	25	1.21729				
4-Bromofluorobenzene	25	0.6827094	25	0.7843039	25	0.9829861	25	0.9228368				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1929601	20.3	0.9915423		0.995	*
Ethyl Methacrylate	0.4118843	21.2	0.9985879		0.995	
Acetone	0.1614669	10.5			15	
Acrolein	3.677593E-02	34.4	0.9971956		0.995	
Acrylonitrile	0.2628468	12.4			15	
tert-Amyl Methyl Ether (TAME)	1.273677	8.3			15	
Benzene	2.134214	7.0			15	
Bromobenzene	1.37381	14.9			15	
Bromochloromethane	0.5012127	7.5			15	
Bromodichloromethane	0.5645274	17.0	0.976105		0.995	*
Bromoform	0.4866712	10.0			15	
Bromomethane	0.6502824	21.5	0.9963807		0.995	
2-Butanone (MEK)	0.2092159	6.4			15	
tert-Butyl Alcohol (TBA)	4.223223E-02	11.6			15	
n-Butylbenzene	2.024433	23.1	0.9907136		0.995	*
sec-Butylbenzene	3.255788	12.3			15	
tert-Butylbenzene	2.321322	8.7			15	
tert-Butyl Ethyl Ether (TBEE)	1.753296	4.9			15	
Carbon Disulfide	1.661109	21.0	0.9961002		0.995	
Carbon Tetrachloride	0.6953856	8.3			15	
Chlorobenzene	2.236097	8.4			15	
Chlorodibromomethane	0.372674	14.8			15	
Chloroethane	0.4455245	13.0			15	
2-Chloroethyl Vinyl Ether	0.219297	11.2			15	
Chloroform	1.024886	6.2			15	
Chloromethane	0.7216897	14.4			15	
2-Chlorotoluene	2.358593	15.0			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	2.778829	12.5			15	
Cyclohexane	0.8927652	7.5			15	
1,2-Dibromo-3-chloropropane (DBCP)	0.1229792	19.8	0.99008		0.995	*
1,2-Dibromoethane (EDB)	0.3621682	13.9			15	
Dibromomethane	0.2645882	9.9			15	
1,2-Dichlorobenzene	1.65366	11.7			15	
1,3-Dichlorobenzene	1.699502	8.5			15	
1,4-Dichlorobenzene	1.730563	8.6			15	
trans-1,4-Dichloro-2-butene	0.1768173	8.7			15	
Dichlorodifluoromethane (Freon 12)	0.6822418	10.7			15	
1,1-Dichloroethane	1.115459	14.2			15	
1,2-Dichloroethane	0.6364561	11.3			15	
1,1-Dichloroethylene	1.071353	19.9	0.9979253		0.995	
cis-1,2-Dichloroethylene	0.9550192	7.9			15	
trans-1,2-Dichloroethylene	1.005576	14.7			15	
Dichlorofluoromethane (Freon 21)	1.346688	19.4	0.998794		0.995	
1,2-Dichloropropane	0.4035074	7.1			15	
1,3-Dichloropropane	0.5752358	9.2			15	
2,2-Dichloropropane	0.5802999	8.9			15	
1,1-Dichloropropene	0.7645043	7.5			15	
cis-1,3-Dichloropropene	0.5083759	12.4			15	
trans-1,3-Dichloropropene	0.388793	14.3			15	
Diethyl Ether	0.5148191	15.0			15	
Difluorochloromethane (Freon 22)	0.8722013	13.0			15	
Diisopropyl Ether (DIPE)	1.968366	11.8			15	
1,4-Dioxane	3.036147E-03	10.0			15	
Ethyl Acetate	0.5149067	30.1	0.9929144		0.995	*

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	3.724122	10.0			15	
Hexachlorobutadiene	0.3565245	24.2	0.9970728		0.995	
2-Hexanone (MBK)	0.200032	13.5			15	
Iodomethane	0.7535974	54.6	0.9959532		0.995	
Isopropylbenzene (Cumene)	2.79466	10.7			15	
p-Isopropyltoluene (p-Cymene)	2.586133	9.0			15	
Methyl Acetate	1.251369	12.9			15	
Methyl tert-Butyl Ether (MTBE)	1.786272	14.7			15	
Methyl Cyclohexane	0.5291419	6.9			15	
Methylene Chloride	1.15993	11.3			15	
4-Methyl-2-pentanone (MIBK)	0.3269849	11.0			15	
Naphthalene	1.319631	53.3	0.9725041		0.995	*
n-Propylbenzene	3.72859	12.7			15	
Styrene	2.238429	12.0			15	
1,1,1,2-Tetrachloroethane	0.7555013	11.0			15	
1,1,2,2-Tetrachloroethane	0.8842666	12.5			15	
Tetrachloroethylene	0.4403607	10.7			15	
Tetrahydrofuran	0.1368709	11.2			15	
Toluene	1.715396	11.8			15	
1,2,3-Trichlorobenzene	0.5966709	43.6	0.9962805		0.995	
1,2,4-Trichlorobenzene	0.6405135	53.9	0.9995467		0.995	
1,3,5-Trichlorobenzene	0.8922156	44.7	0.9981785		0.995	
1,1,1-Trichloroethane	0.8309621	8.2			15	
1,1,2-Trichloroethane	0.3744895	12.0			15	
Trichloroethylene	0.4215348	11.4			15	
Trichlorofluoromethane (Freon 11)	0.926608	10.7			15	
1,2,3-Trichloropropane	0.6611642	8.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1100098	Instrument:	GCMSVOA3
		Calibration Date:	12/7/2011 12:00:32AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.5908211	20.0	0.9973037		0.995	
1,2,4-Trimethylbenzene	2.85258	7.4			15	
1,3,5-Trimethylbenzene	2.746335	14.0			15	
Vinyl Acetate	0.9921233	17.8	0.9935081		0.995	*
Vinyl Chloride	0.8369604	14.5			15	
m+p Xylene	2.88165	11.1			15	
o-Xylene	2.832473	11.4			15	
1,2-Dichloroethane-d4	0.5631325	2.3			15	
Toluene-d8	1.205274	3.9			15	
4-Bromofluorobenzene	0.8849197	11.1			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001555	Instrument:	GCMSVOA3
Calibration:	1100098		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1110119	0.4ppb 8260 Calibration Standard	S001555-CAL1	VC341005.D	12/07/11 13:12
1110120	0.5ppb 8260 Calibration Standard	S001555-CAL2	VC341006.D	12/07/11 13:42
1110121	1ppb 8260 Calibration Standard	S001555-CAL3	VC341007.D	12/07/11 14:12
1110122	2ppb 8260 Calibration Standard	S001555-CAL4	VC341008.D	12/07/11 14:43
1110123	5ppb 8260 Calibration Standard	S001555-CAL5	VC341009.D	12/07/11 15:13
1110125	10ppb 8260 Calibration Standard	S001555-CAL6	VC341010.D	12/07/11 15:43
1110126	20ppb 8260 Calibration Standard	S001555-CAL7	VC341011.D	12/07/11 16:13
1110127	50ppb 8260 Calibration Standard	S001555-CAL8	VC341012.D	12/07/11 16:44
1110128	100ppb 8260 Calibration Standard	S001555-CAL9	VC341013.D	12/07/11 17:14
1110129	200ppb 8260 Calibration Standard	S001555-CALA	VC341014.D	12/07/11 17:44

Y:\1\DATA\120711\

Date	Filename	Lab ID	Sample Info
7 Dec 2011 11:10 am	VC341001.D	CLEAN UP	
7 Dec 2011 11:41 am	VC341002.D	CLEAN UP	
7 Dec 2011 12:11 pm	VC341003.D	CLEAN UP	
7 Dec 2011 12:41 pm	VC341004.D	BFB	
7 Dec 2011 1:12 pm	VC341005.D	8260 STD 0.4 PPB	
7 Dec 2011 1:42 pm	VC341006.D	8260 STD 0.5 PPB	
7 Dec 2011 2:12 pm	VC341007.D	8260 STD 1.0 PPB	
7 Dec 2011 2:43 pm	VC341008.D	8260 STD 2.0 PPB	
7 Dec 2011 3:13 pm	VC341009.D	8260 STD 5.0 PPB	
7 Dec 2011 3:43 pm	VC341010.D	8260 STD 10 PPB	
7 Dec 2011 4:13 pm	VC341011.D	8260 STD 20 PPB	
7 Dec 2011 4:44 pm	VC341012.D	8260 STD 50 PPB	
7 Dec 2011 5:14 pm	VC341013.D	8260 STD 100 PPB	
7 Dec 2011 5:44 pm	VC341014.D	8260 STD 200 PPB	
7 Dec 2011 6:15 pm	VC341015.D	CLEAN UP	
7 Dec 2011 6:45 pm	VC341016.D	CLEAN UP	
7 Dec 2011 7:15 pm	VC341017.D	B042284-BS1	
7 Dec 2011 7:45 pm	VC341018.D	B042284-BSD1	
7 Dec 2011 8:16 pm	VC341019.D	CLEAN UP	
7 Dec 2011 8:46 pm	VC341020.D	B042284-BLK1	
7 Dec 2011 9:16 pm	VC341021.D	11L0095-01 @ TB	
7 Dec 2011 9:47 pm	VC341022.D	11L0095-02	
7 Dec 2011 10:17 pm	VC341023.D	11L0095-03	
7 Dec 2011 10:47 pm	VC341024.D	11L0095-04	
7 Dec 2011 11:18 pm	VC341025.D	11L0095-05	
7 Dec 2011 11:48 pm	VC341026.D	11L0095-06	
8 Dec 2011 12:18 am	VC341027.D	CLEAN UP	
8 Dec 2011 12:49 am	VC341028.D	CLEAN UP	
8 Dec 2011 1:19 am	VC341029.D	11L0150-01 TB LOT CHECK	
8 Dec 2011 1:50 am	VC341030.D	BFB	
8 Dec 2011 2:20 am	VC341031.D	8260STD 10PPB	
8 Dec 2011 2:51 am	VC341032.D	B0-BS1 RCP	
8 Dec 2011 3:21 am	VC341033.D	B0-BS1	
8 Dec 2011 3:52 am	VC341034.D	B0-BSD1	

Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011
Response Via : Initial Calibration

Calibration Files
0.4 =VC341005.D 0.5 =VC341006.D 1.0 =VC341007.D 2.0 =VC341008.D 5.0 =VC341009.D 10 =VC341014.D 20 =VC341011.D
50 =VC341012.D 100 =VC341013.D 200 =VC341014.D

		Compound	0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	----------ISTD----------											
2)	S	1,2-DICHLOROET...	0.585	0.574	0.554	0.573	0.564	0.553	0.544	0.562	0.550	0.573	0.563	2.31
3)		DICHLORODIFLUO...	0.739	0.659	0.681	0.561	0.767	0.595	0.777	0.687	0.676		0.682	10.66
4)		DIFLUOROCHLORO...	0.782	0.894	0.813	0.722	1.012	0.728	0.998	0.941	0.959		0.872	13.00
5)	P	CHLOROMETHANE	0.680	0.703	0.754	0.609	0.786	0.548	0.763	0.746	0.907		0.722	14.44
6)	C	VINYL CHLORIDE	0.787	0.776	0.817	0.712	0.942	0.661	0.869	0.916	1.053		0.837	14.49#
7)		BROMOMETHANE	0.655	0.949	0.724	0.605	0.623	0.433	0.555	0.621	0.686		0.650	21.49
8)		CHLOROETHANE	0.435	0.410	0.448	0.378	0.455	0.357	0.489	0.506	0.532		0.446	13.03
9)		FLUORODICHLORO...	1.107	1.110	1.208	1.078	1.468	1.173	1.634	1.624	1.719		1.347	19.44
10)		TRICHLOROFLUOR...	0.892	0.891	0.893	0.841	1.121	0.922					0.927	10.67
11)		ETHANOL					0.007	0.004	0.006				0.006	22.92
12)		DI ETHYL ETHER	0.496	0.404	0.511	0.448	0.559	0.470	0.633	0.597			0.515	15.01
13)		ACROLEIN	0.022	0.025	0.024	0.029	0.041	0.035	0.051	0.049	0.055		0.037	34.39
14)		ACETONE	0.155	0.168	0.160	0.141	0.166	0.138	0.186	0.180			0.161	10.46
15)	C	1,1-DICHLOROET...	0.846	0.836	0.987	0.890	1.170	0.951	1.334	1.254	1.375		1.071	19.94#
16)		1,1,2-TRICL-1,...	0.480	0.446	0.548	0.494	0.633	0.526	0.726	0.692	0.773		0.591	20.01
17)		IODOMETHANE	0.255	0.362	0.464	0.544	0.939	0.853	1.308	1.304			0.754	54.57
18)		ACETONITRILE											0.000	-1.00
19)		ALLYL CHLORIDE											0.000	-1.00
20)		METHYL ACETATE	1.137	1.224	1.129	1.071	1.378	1.145	1.498	1.429			1.251	12.86
21)		T-BUTYL ALCOHOL	0.044	0.044	0.034	0.042	0.049	0.040					0.042	11.64
22)		ACRYLONITRILE	0.232	0.259	0.244	0.229	0.295	0.229	0.319	0.268	0.289		0.263	12.38
23)		METHYLENE CHLO...			1.223	1.324	0.946	1.201	1.080	1.186			1.160	11.27
24)		CARBON DISULFIDE	1.344	1.334	1.501	1.377	1.944	1.535	2.208	2.044			1.661	21.04
25)		METHYL TERT-BU...	1.490	1.587	1.650	1.502	1.979	1.669	2.218	1.949	2.032		1.786	14.69
26)		TRANS 1,2-DICH...	0.846	0.830	0.963	0.909	1.131	0.944	1.286	1.079	1.061		1.006	14.67
27)	P	1,1-DICHLOROET...	1.114	1.003	1.103	0.994	1.230	1.102	1.483	0.983	1.026		1.115	14.22
28)		VINYL ACETATE	0.834	0.838	0.901	0.889	1.085	1.089	1.309				0.992	17.77
29)		DI ISOPROYL ETHER	1.968	1.896	2.056	1.913	2.144	2.120	2.422	1.761	1.809	1.595	1.968	11.78
30)		CHLOROPRENE											0.000	-1.00
31)		2-BUTANONE	0.205	0.208	0.216	0.206	0.194	0.232	0.210	0.197	0.229	0.194	0.209	6.37
32)		T-BUTYL ETHYL ...	1.841	1.782	1.772	1.688	1.747	1.890	1.799	1.650	1.755	1.609	1.753	4.86
33)		CIS-1,2-DICHLO...	1.005	0.969	1.099	0.925	0.955	1.006	0.970	0.885	0.917	0.821	0.955	7.90
34)		2,2-DICHLOROPR...	0.540	0.630	0.521	0.502	0.550	0.590	0.624	0.613	0.660	0.573	0.580	8.91
35)		ETHYL ACETATE	0.807	0.782	0.444	0.491	0.431	0.531	0.461	0.374	0.449	0.378	0.515	30.06
36)		PROPIONITRILE											0.000	-1.00
37)		METHACRYLONITRILE											0.000	-1.00
38)		BROMOCHLOROMET...	0.499	0.514	0.577	0.500	0.492	0.536	0.503	0.483	0.472	0.435	0.501	7.51
39)		TETRAHYDROFURAN			0.138	0.168	0.134	0.148	0.122	0.124	0.136	0.124	0.137	11.16
40)	C	CHLOROFORM	1.052	1.084	1.048	1.010	1.042	1.063	1.059	1.029	1.004	0.857	1.025	6.20#
41)		1,1,1-TRICHLOR...	0.762	0.767	0.799	0.767	0.875	0.838	0.893	0.908	0.936	0.763	0.831	8.17
42)		CYCLOHEXANE					0.970	0.966	0.890	0.858	0.877	0.794	0.893	7.51
43)		CARBON TETRACH...	0.659	0.668	0.678	0.643	0.655	0.683	0.750	0.761	0.812	0.645	0.695	8.33

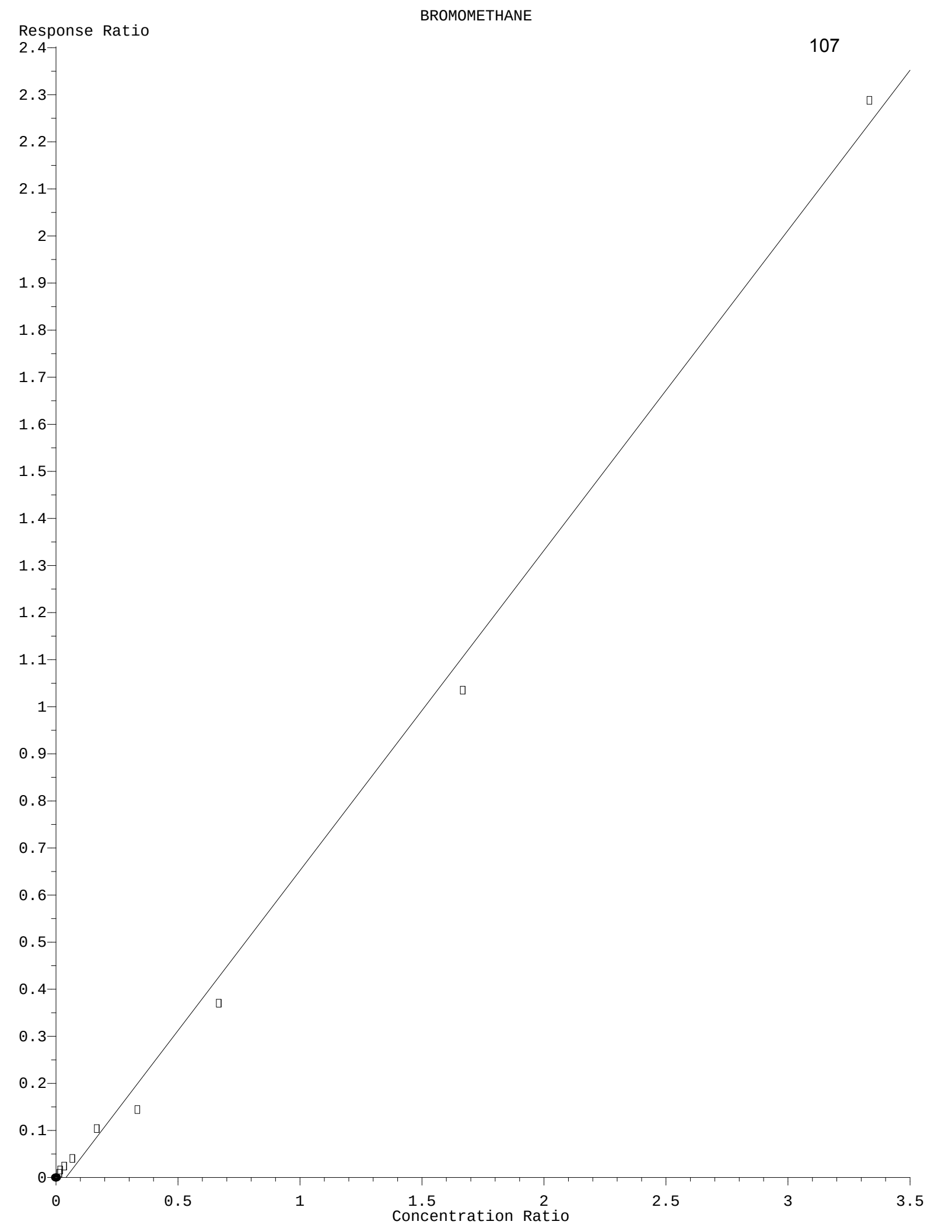
Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

44)		1,1-DICHLOROPR...	0.863	0.793	0.748	0.716	0.805	0.743	0.792	0.759	0.777	0.650	0.765	7.47
45)		BENZENE	2.299	2.284	2.138	2.042	2.188	2.050	2.130	2.211	2.211	1.788	2.134	6.98
46)		ISOBUTANOL											0.000	-1.00
47)		T-AMYLMETHYL E...	1.296	1.316	1.237	1.165	1.221	1.164	1.325	1.344	1.501	1.167	1.274	8.31
48)		1,4-DIFLUOROBENZEN...	----------ISTD----------											
49)	S	TOLUENE SS	1.165	1.183	1.245	1.135	1.242	1.149	1.215	1.286	1.214	1.217	1.205	3.91
50)		1,2-DICHLOROET...	0.566	0.628	0.684	0.641	0.622	0.771	0.623	0.674	0.657	0.499	0.636	11.28
51)		TRICHLOROETHENE	0.483	0.355	0.435	0.385	0.468	0.408	0.432	0.461	0.446	0.342	0.422	11.36
52)		METHYLCYCLOHEXANE	0.542	0.545	0.518	0.488	0.545	0.491	0.530	0.584	0.575	0.473	0.529	6.92
53)	C	1,2-DICHLOROPR...	0.392	0.418	0.422	0.385	0.418	0.367	0.407	0.444	0.429	0.352	0.404	7.14#
54)		DIBROMOMETHANE	0.283	0.291	0.269	0.225	0.265	0.250	0.269	0.290	0.287	0.217	0.265	9.93
55)		METHYL METHACR...											0.000	-1.00
56)		1,4-DIOXANE				0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.003	10.03
57)		BROMODICHLOROM...	0.466	0.461	0.550	0.500	0.735	0.517	0.606	0.675	0.649		0.573	17.04
58)		2-CHLOROETHYLV...	0.199	0.187	0.208	0.203	0.220	0.211	0.236	0.253	0.258	0.196	0.217	11.23
59)		MIBK	0.296	0.305	0.316	0.306	0.356	0.311	0.336	0.371	0.392	0.279	0.327	11.03
60)		CIS-1,3-DICHLO...	0.499	0.430	0.488	0.455	0.585	0.502	0.600				0.508	12.39
61)	C	TOLUENE	1.652	1.596	1.879	1.557	2.092	1.596	1.772	1.822	1.817	1.372	1.715	11.81#
62)		TRANS-1,3,-DIC...	0.385	0.358	0.340	0.333	0.416	0.395	0.495				0.389	14.28
63)		ETHYL METHACRY...	0.312	0.318	0.382	0.333	0.526	0.374	0.437	0.503	0.521		0.412	21.20
64)		1,1,2-TRICHLOR...	0.358	0.402	0.371	0.328	0.457	0.339	0.378	0.399	0.409	0.304	0.374	11.97
65)		2-HEXANONE		0.165	0.203	0.171	0.226	0.205	0.230				0.200	13.49
66)		TETRACHLOROETHENE	0.440	0.476	0.478	0.387	0.455	0.405	0.462	0.482	0.476	0.342	0.440	10.73
67)		1,3-DICHLOROPR...	0.520	0.542	0.595	0.533	0.616	0.552	0.612	0.638	0.648	0.497	0.575	9.19
68)		DIBROMOCHLOROM...	0.303	0.317	0.420	0.361	0.438	0.398					0.373	14.80
69)		1,2-DIBROMOETHANE	0.342	0.310	0.389	0.291	0.418	0.349	0.379	0.413	0.427	0.304	0.362	13.87
70)		CHLOROBENZENE-D5	... ----------ISTD----------											
71)	S	4-BROMOFLUOROB...	0.899	0.879	0.929	0.814	0.997	0.958	0.683	0.784	0.983	0.923	0.885	11.13
72)	T	CHLOROBENZENE	2.405	2.322	2.321	2.113	2.272	2.178	2.147	2.383	2.420	1.799	2.236	8.40
73)		1,1,1,2-TETRAC...	0.776	0.680	0.730	0.703	0.831	0.742	0.660	0.849	0.907	0.676	0.756	11.02
74)	C	ETHYLBENZENE	3.725	3.643	3.853	3.628	3.980	3.741	3.179	3.988	4.375	3.129	3.724	9.98#
75)		M/P-XYLENES	2.911	2.860	2.891	2.838	3.264	3.275	2.360	2.895	3.158	2.364	2.882	11.10
76)		0-XYLENE	2.917	2.684	3.090	2.768	3.100	3.026	2.502	2.419	3.381	2.439	2.832	11.44
77)		STYRENE	2.193	1.926	2.330	2.180	2.496	2.442	2.044	1.987	2.765	2.020	2.238	11.96
78)	P	BROMOFORM	0.453	0.426	0.463	0.473	0.552	0.553	0.488				0.487	10.01
79)		ISOPROPYLBENZENE	2.805	2.811	2.876	2.651	3.136	2.976	2.454	2.427	3.327	2.483	2.795	10.72
80)		CIS-1,4-DICHLO...	0.174	0.162	0.184	0.158	0.254	0.227					0.193	20.26
81)	P	1,1,2,2-TETRAC...	0.949	0.974	0.849	0.710	0.947	0.896	0.737	1.012			0.884	12.52
82)		1,4-DICHLORO-2...	0.178	0.169	0.163	0.162	0.187	0.206	0.172				0.177	8.74
83)		BROMOBENZENE		1.373	1.383	1.257	1.597	1.362	1.096	1.198	1.724		1.374	14.93
84)		1,2,3-TRICHLOR...	0.643	0.713	0.628	0.635	0.691	0.659	0.563	0.757			0.661	8.95
85)		N-PROPYLBENZENE	3.515	3.515	3.719	3.383	4.378	3.981	3.146	3.721	4.625	3.303	3.729	12.71
86)		2-CHLOROT0LUENE						2.506	2.203	2.132	2.908	2.044	2.359	14.96
87)		1,3,5-TRIMETHY...	2.688	2.480	2.719	2.539	3.095	2.867	2.524	2.557	3.655	2.339	2.746	14.00
88)		4-CHLOROTOLUENE	2.907	2.813	2.772	2.479	3.123	2.857	2.376	2.676	3.466	2.320	2.779	12.51
89)		1,4-DICHLOROBENZEN...	----------ISTD----------											
90)		TERT-BUTYLBENZENE	2.341	2.425	2.318	2.291	2.478	2.253	2.597	2.398	2.282	1.831	2.321	8.68
91)		1,2,4-TRIMETHY...	2.812	2.773	2.952	2.991	2.820	2.853	3.046	3.028	2.933	2.318	2.853	7.38
92)		SEC-BUTYLBENZENE	3.251	3.153	3.204	3.140	3.312	3.199	4.152	3.260	3.393	2.494	3.256	12.27
93)		1,3-DICHLOROBE...	1.796	1.775	1.748	1.592	1.737	1.742	1.870	1.721	1.671	1.345	1.700	8.51

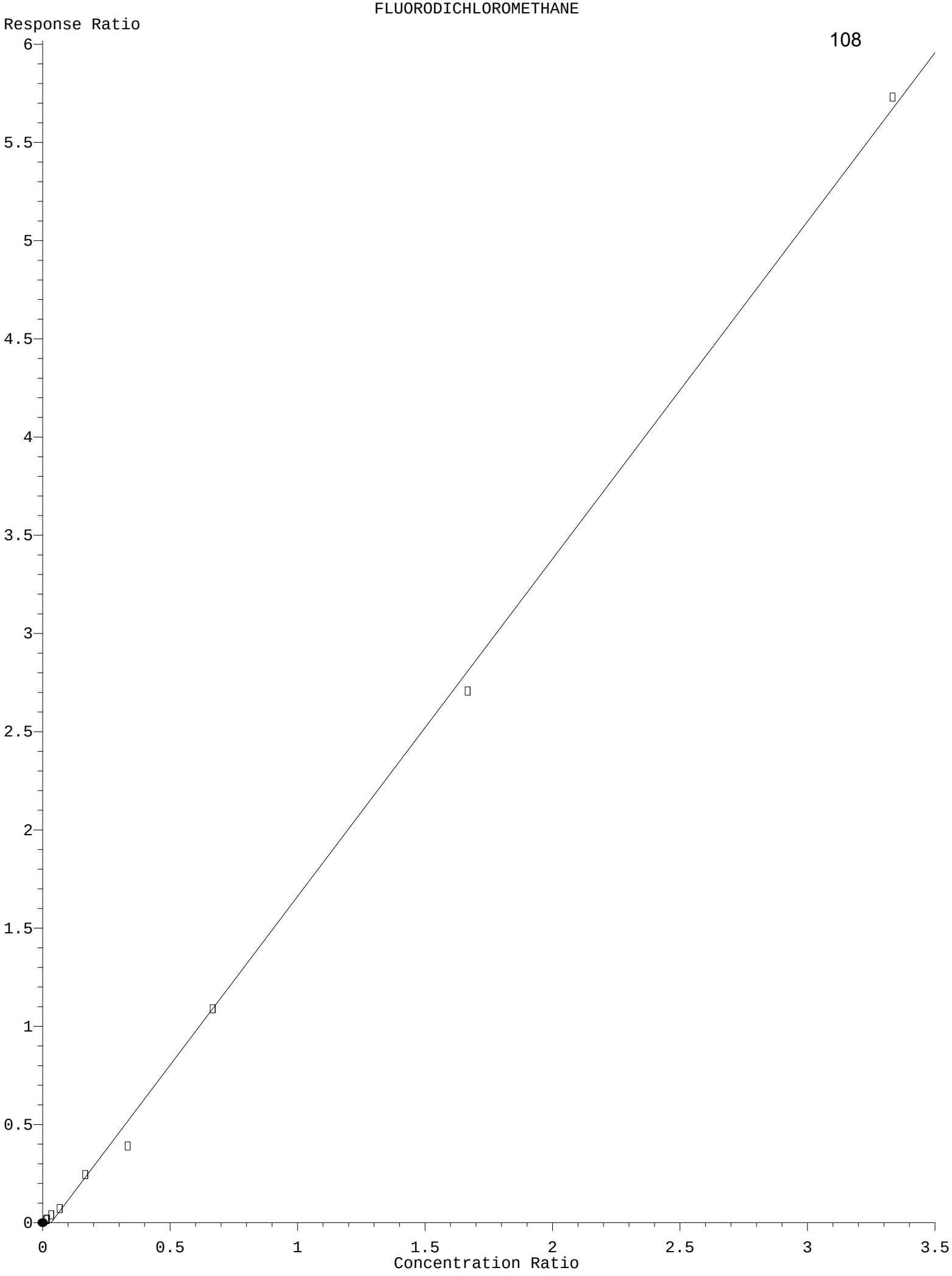
Method Path : Y:\1\METHODS\
Method File : C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3

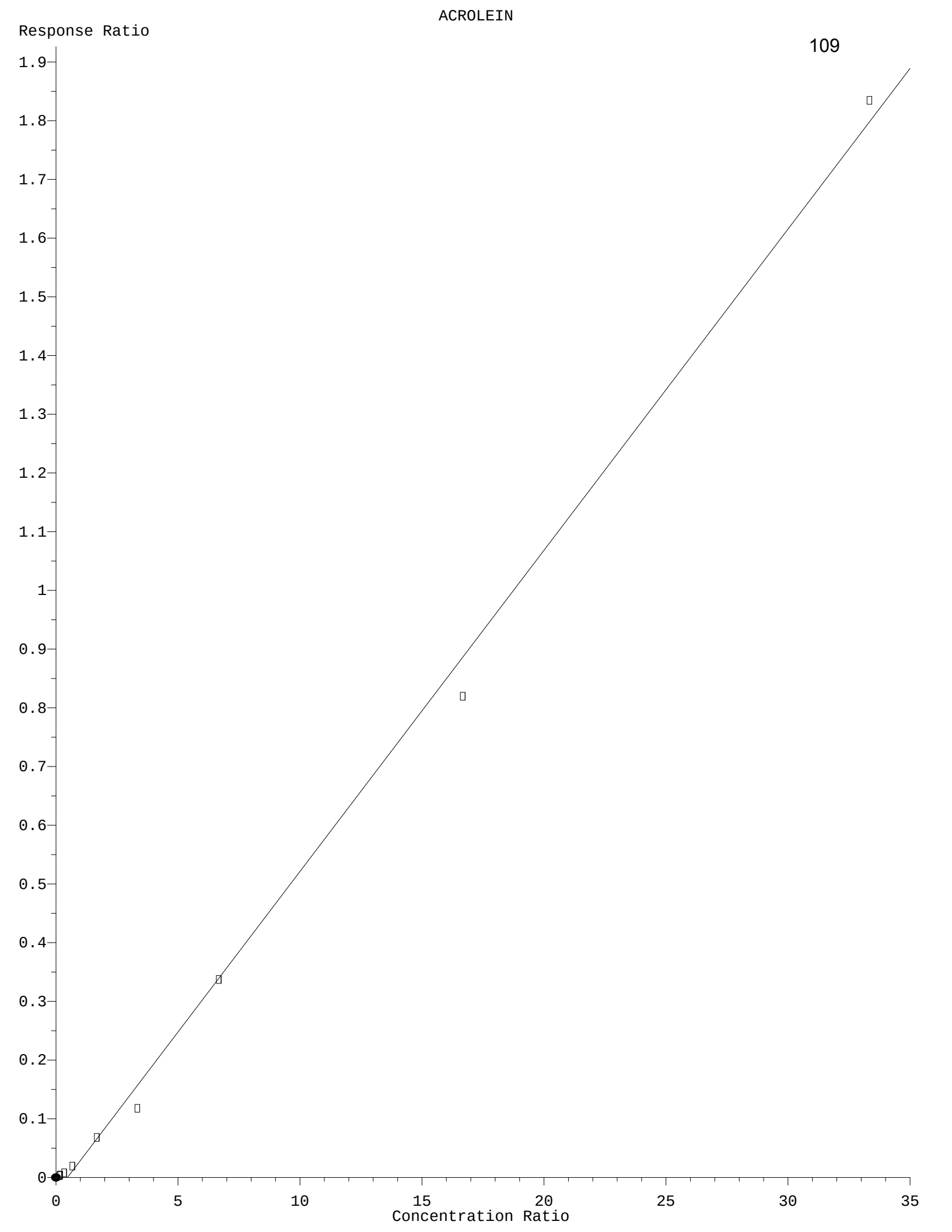
94)	P-ISOPROPYLTOL...	2.270	2.552	2.596	2.573	2.784	2.689	2.804	2.751	2.741	2.102	2.586	8.97
95)	1,4-DICHLOROBE...	1.912	1.641	1.847	1.657	1.771	1.721	1.807	1.789	1.782	1.377	1.731	8.59
96)	N-BUTYLBENZENE	1.291	1.431	1.734	1.813	2.371	2.709	2.411	2.417	2.201	1.867	2.024	23.09
97)	1,2-DICHLOROBE...	1.583	1.468	1.714	1.640	1.651	2.014	1.854	1.697	1.606	1.308	1.654	11.70
98)	1,2-DIBROMO-3-...			0.113	0.091	0.114	0.123	0.163	0.134			0.123	19.85
99)	1,3,5-TRICHLOR...	0.307	0.324	0.612	0.817	1.025	1.292	1.338	1.121	1.194		0.892	44.65
100)	1,2,4-TRICHLOR...			0.078	0.254	0.665	0.724	0.872	0.921	0.969		0.641	53.86
101)	HEXACHLOROBUTA...		0.210	0.273	0.299	0.458	0.405	0.400	0.379	0.428		0.357	24.18
102)	NAPHTHALENE				0.170	0.747	1.081	1.510	1.831	2.238		1.263	59.58
103)	1,2,3-TRICHLOR...				0.160	0.444	0.624	0.701	0.764	0.888		0.597	43.60

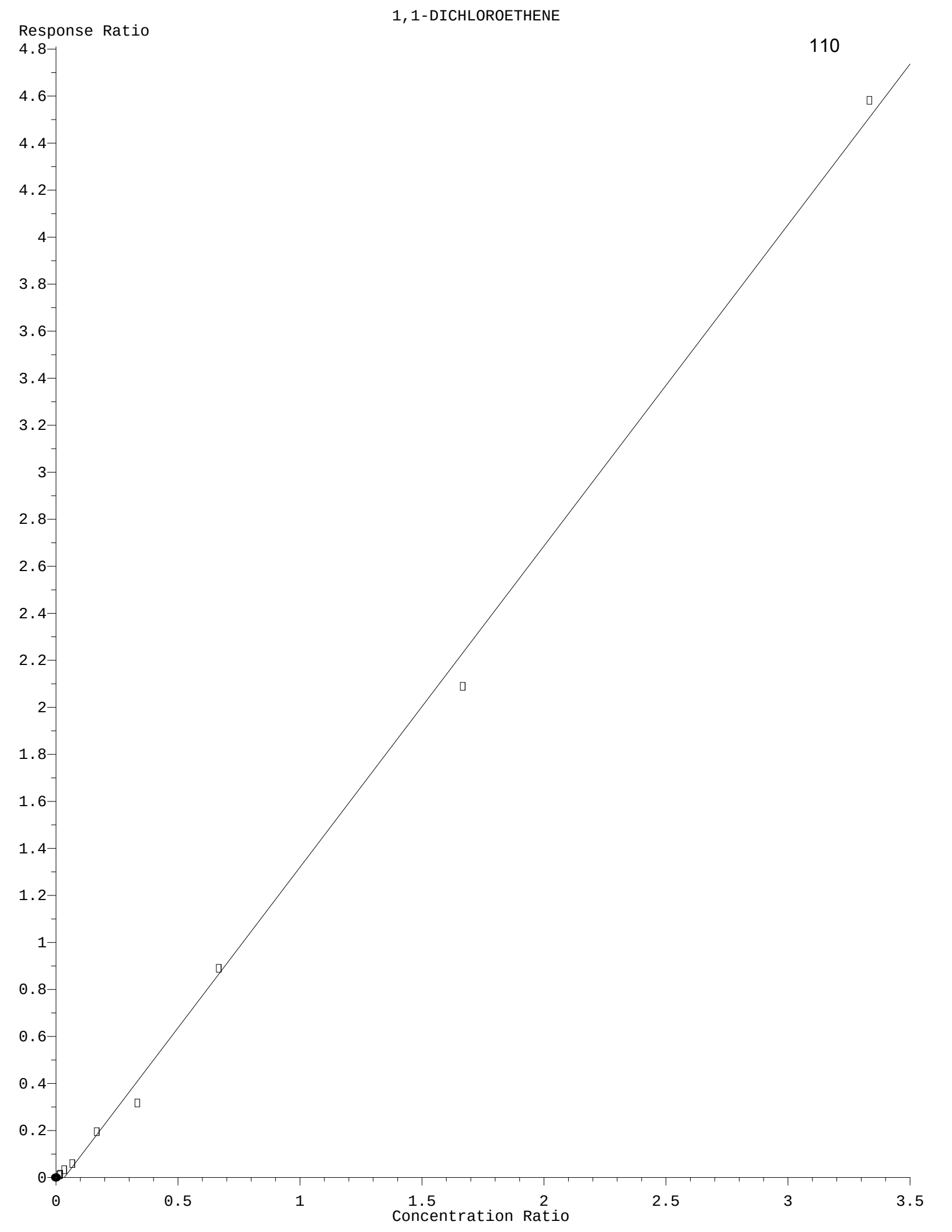
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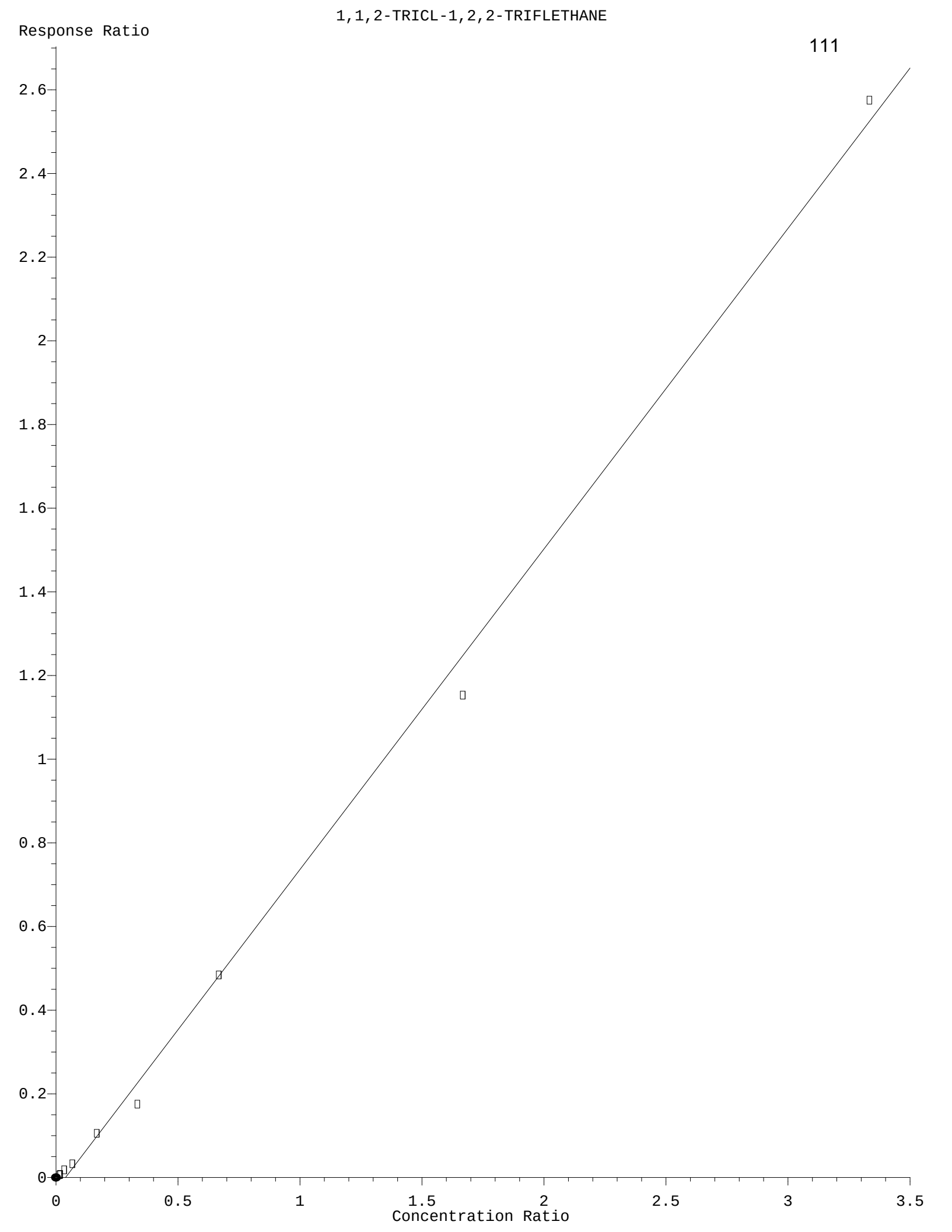

BROMOMETHANE
Response Ratio
107
2.4
2.3
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

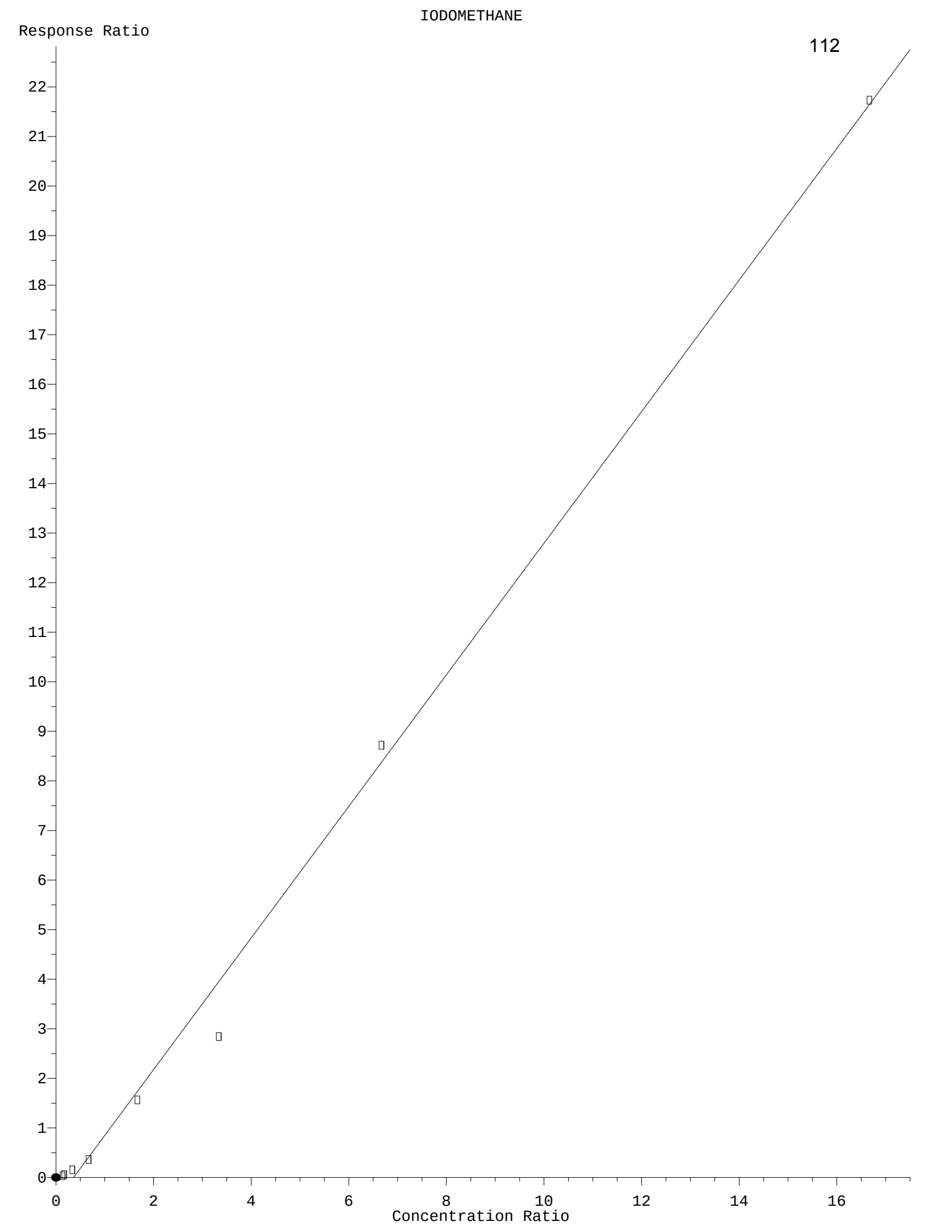
FLUORODICHLOROMETHANE

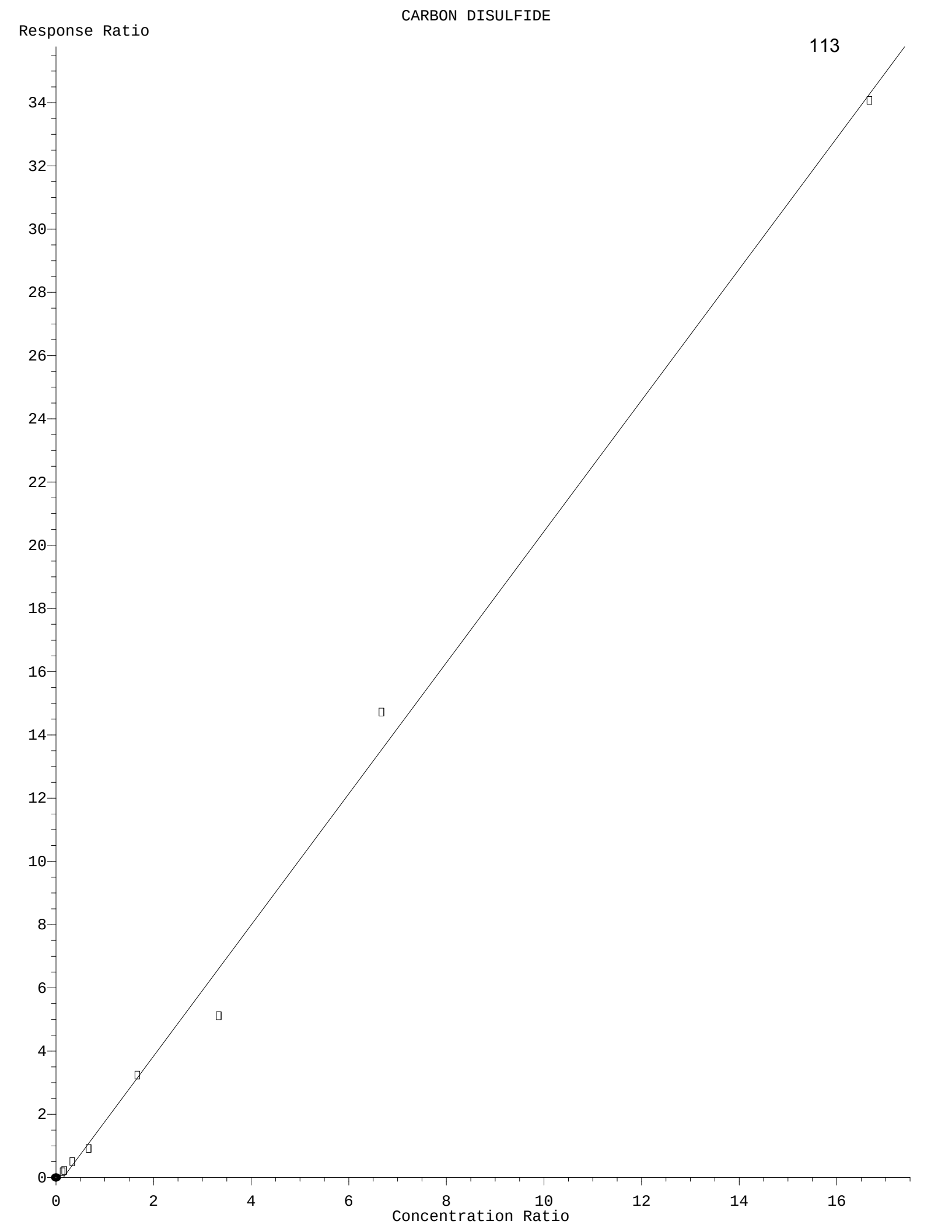



ACROLEIN
Response Ratio
109
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
5
10
15
20
25
30
35
Concentration Ratio

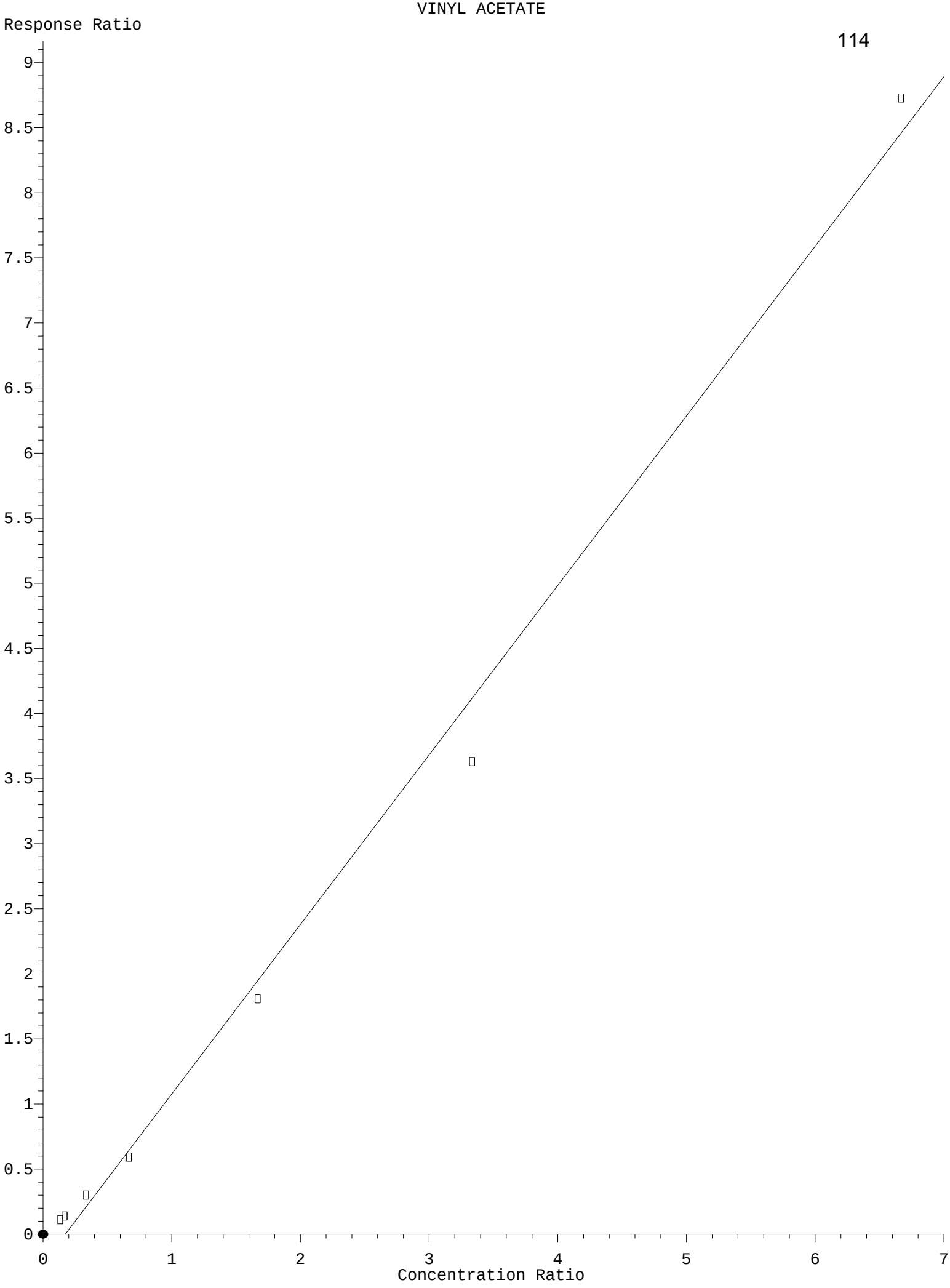

1,1-DICHLOROETHENE
Response Ratio
110
4.8
4.6
4.4
4.2
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

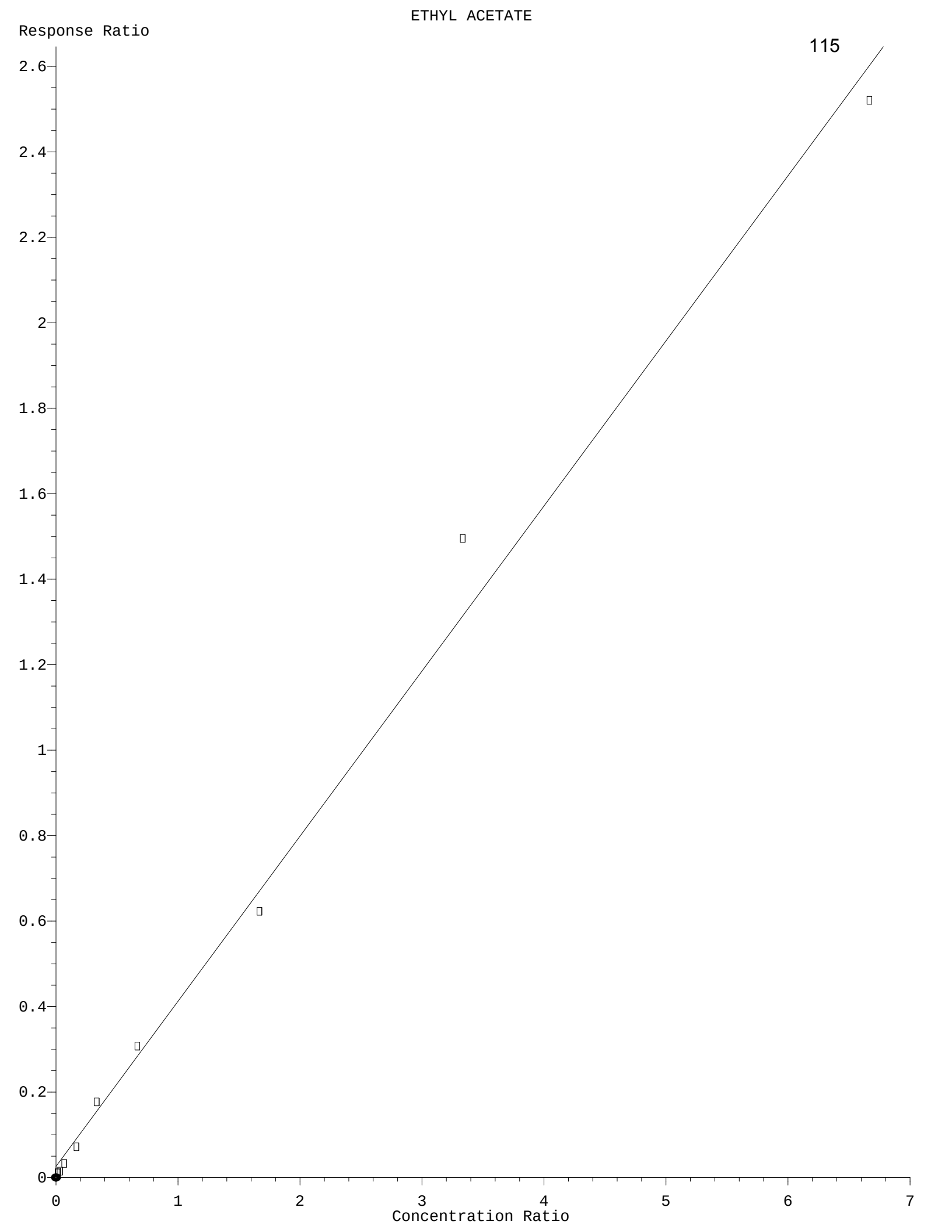

1,1,2-TRICL-1,2,2-TRIFLETHANE
Response Ratio
111
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

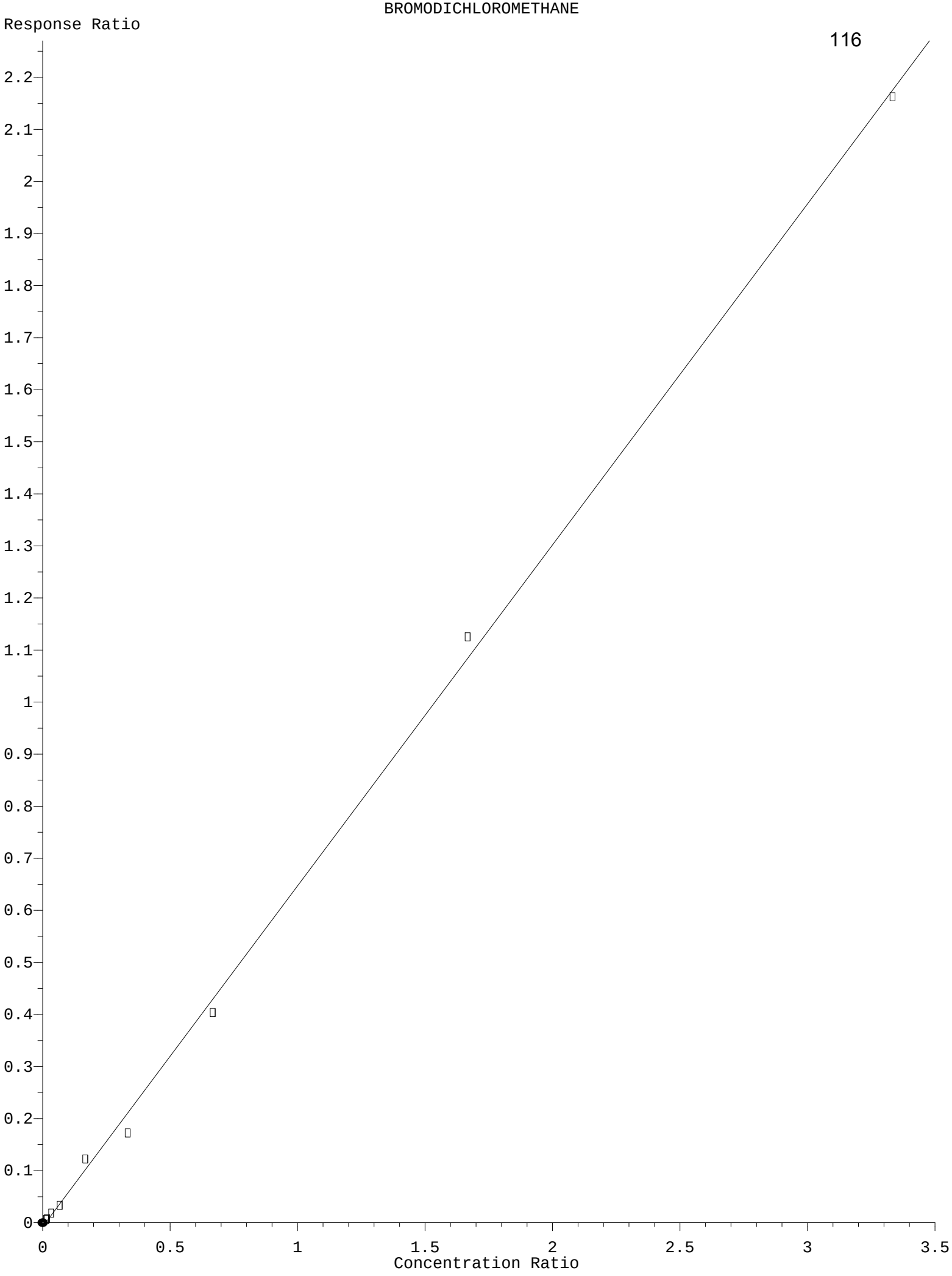

IODOMETHANE
Response Ratio
112
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

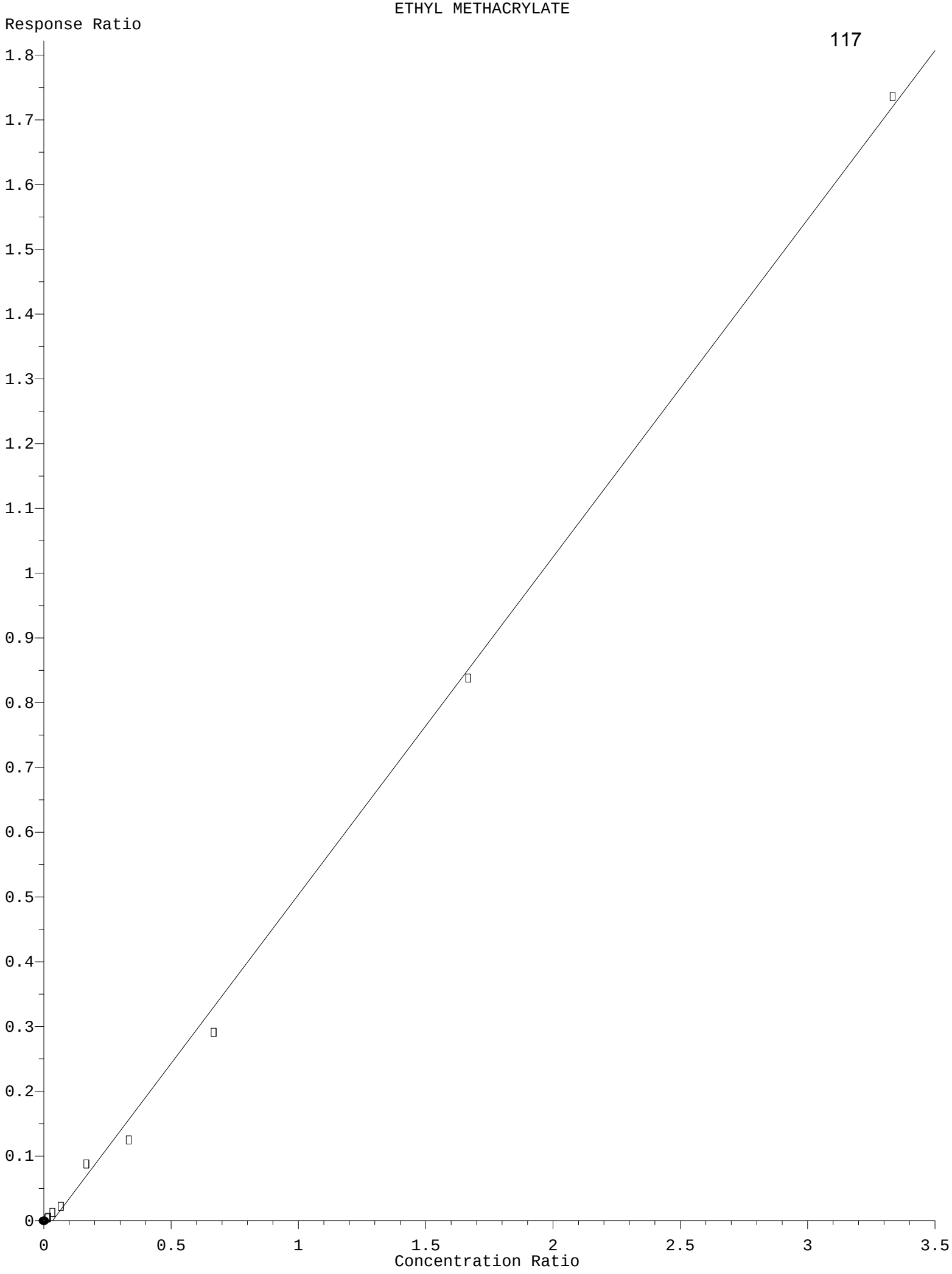

CARBON DISULFIDE
Response Ratio
113
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
0
2
4
6
8
10
12
14
16
Concentration Ratio

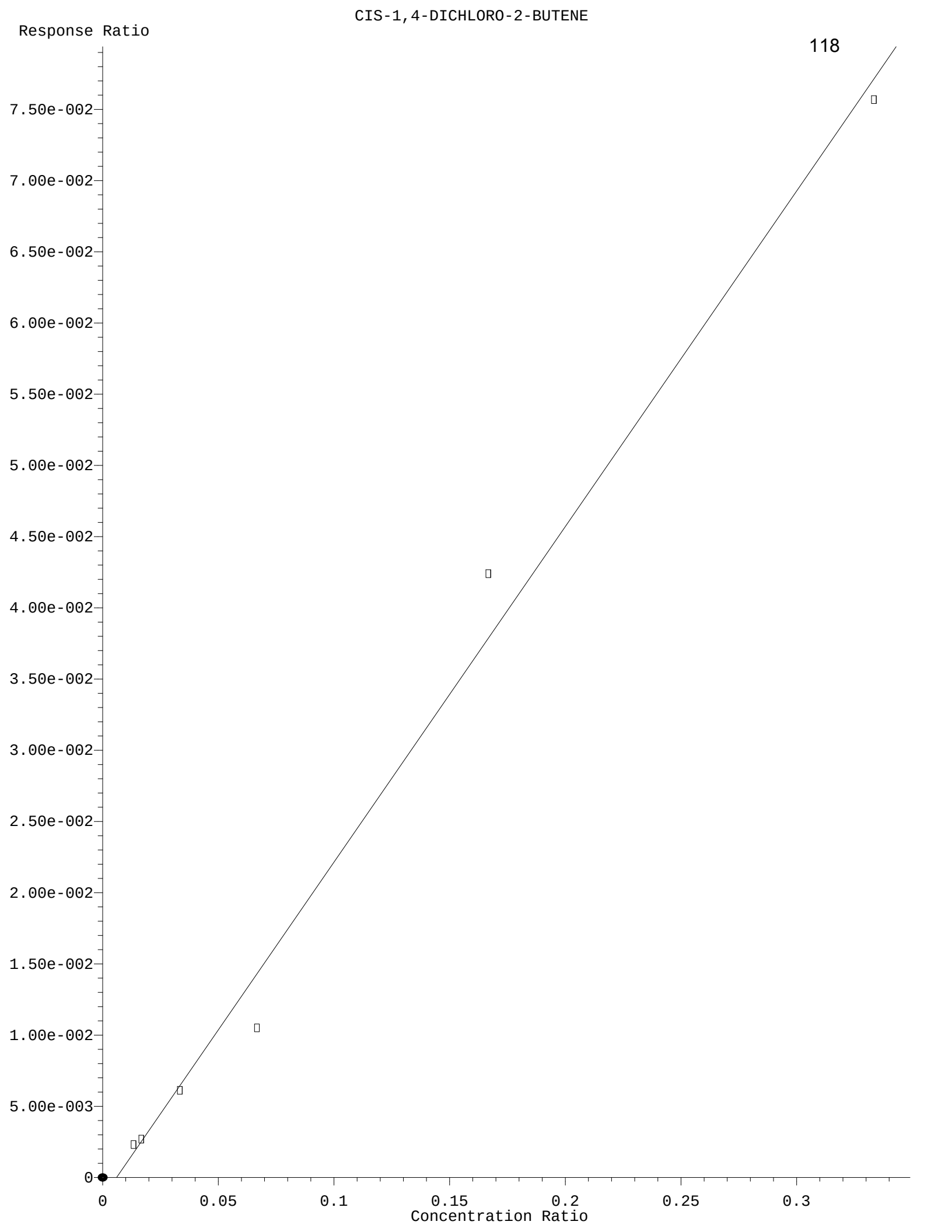
VINYL ACETATE

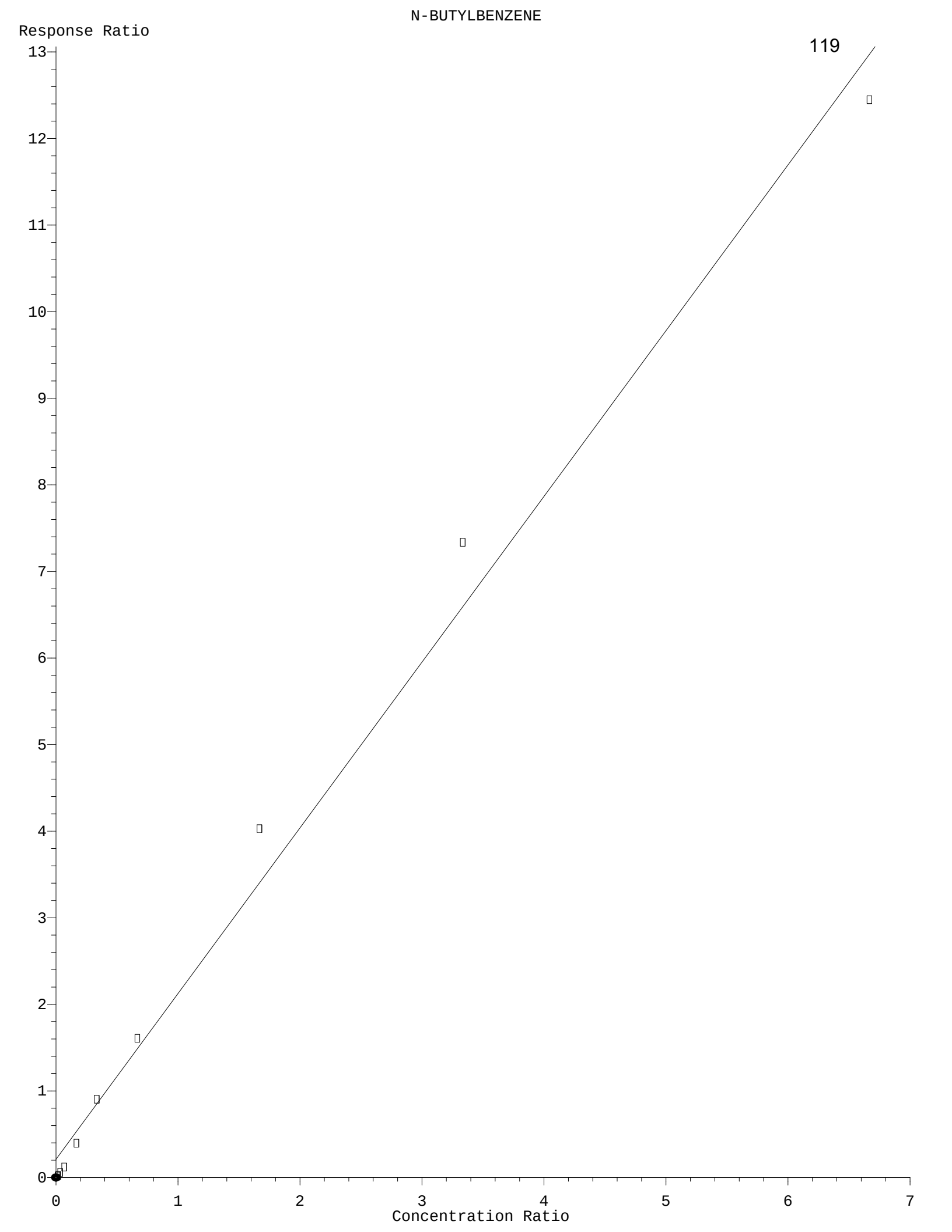


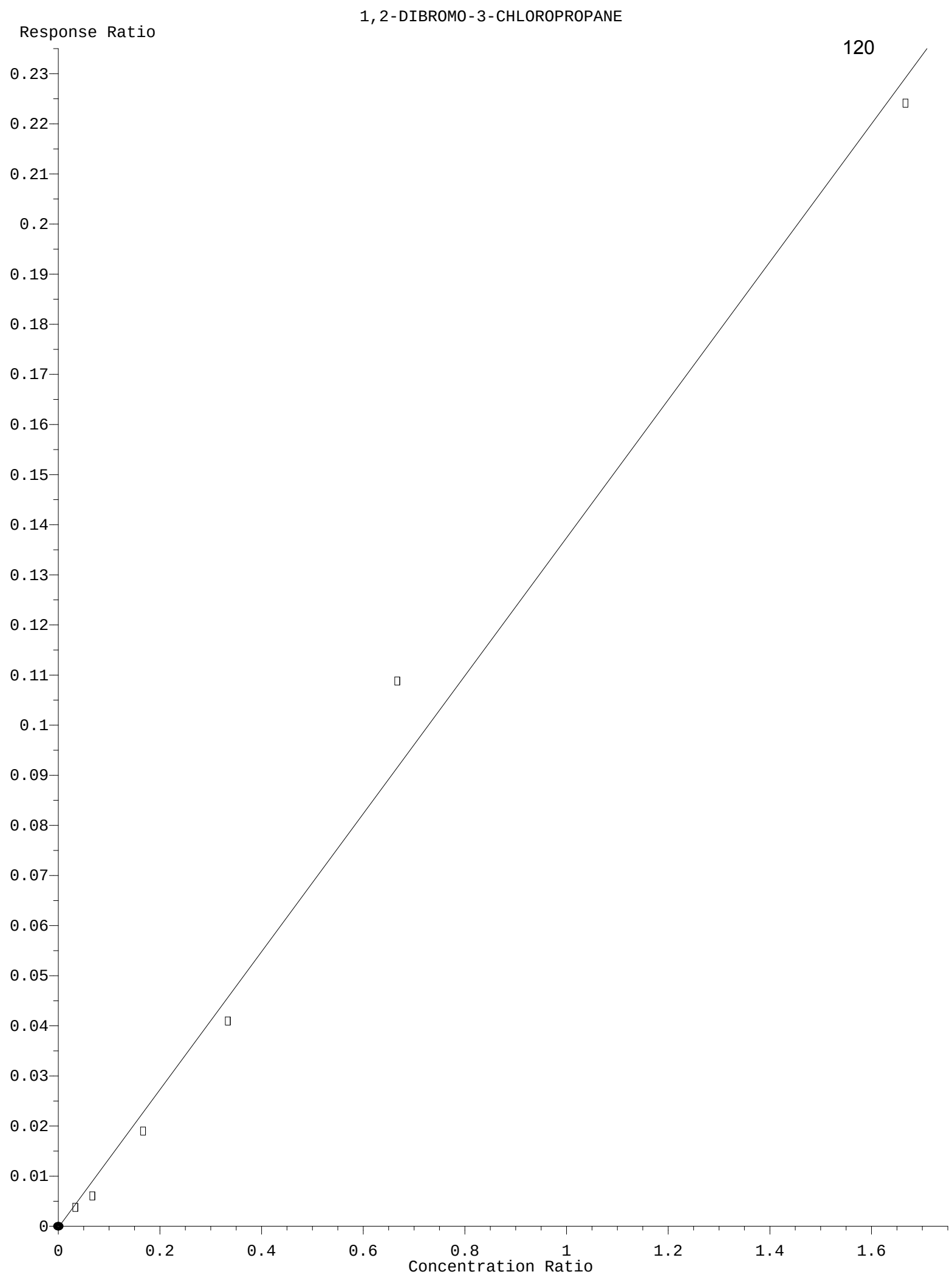

ETHYL ACETATE
Response Ratio
115
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
1
2
3
4
5
6
7
Concentration Ratio

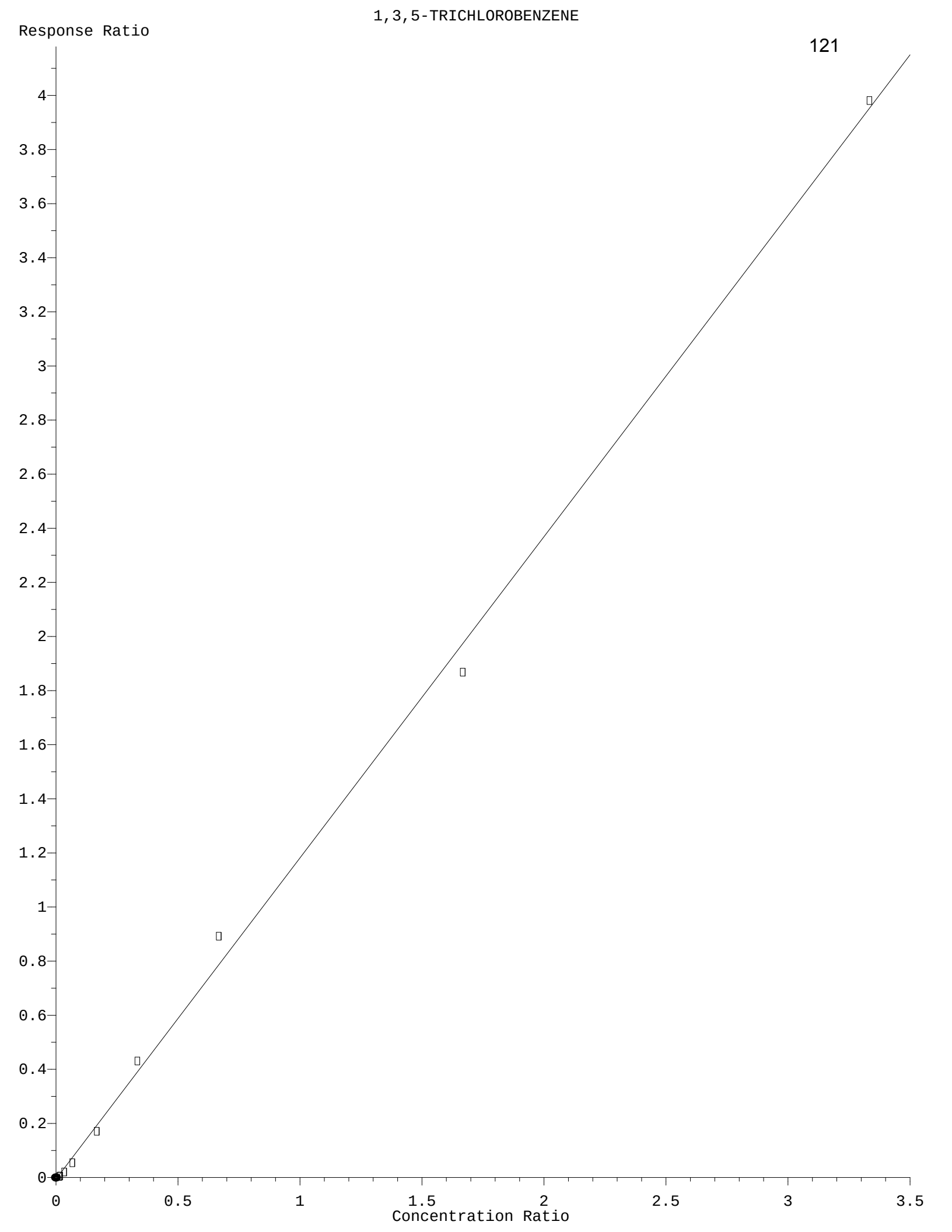

BROMODICHLOROMETHANE
Response Ratio
2.2
2.1
2
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

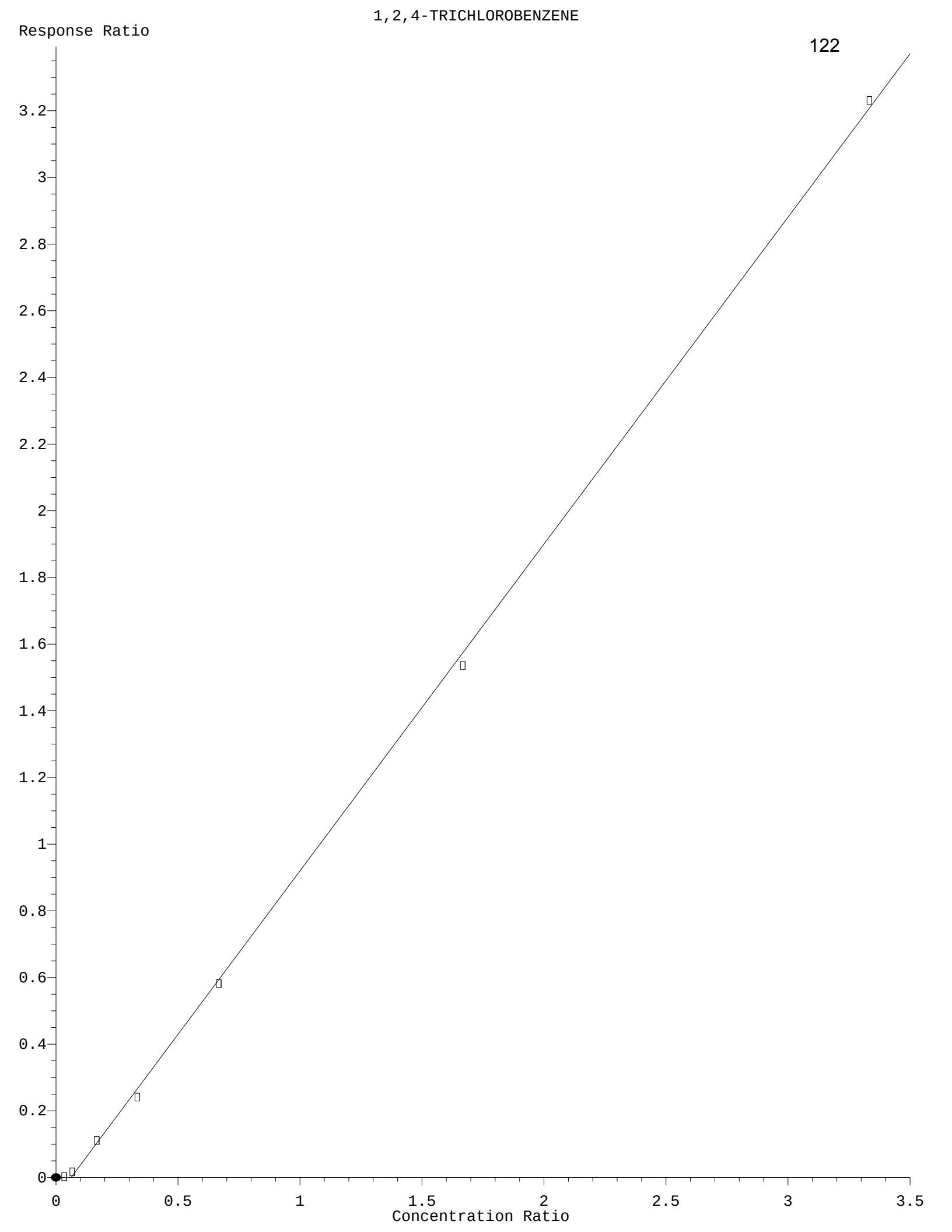

ETHYL METHACRYLATE
Response Ratio
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

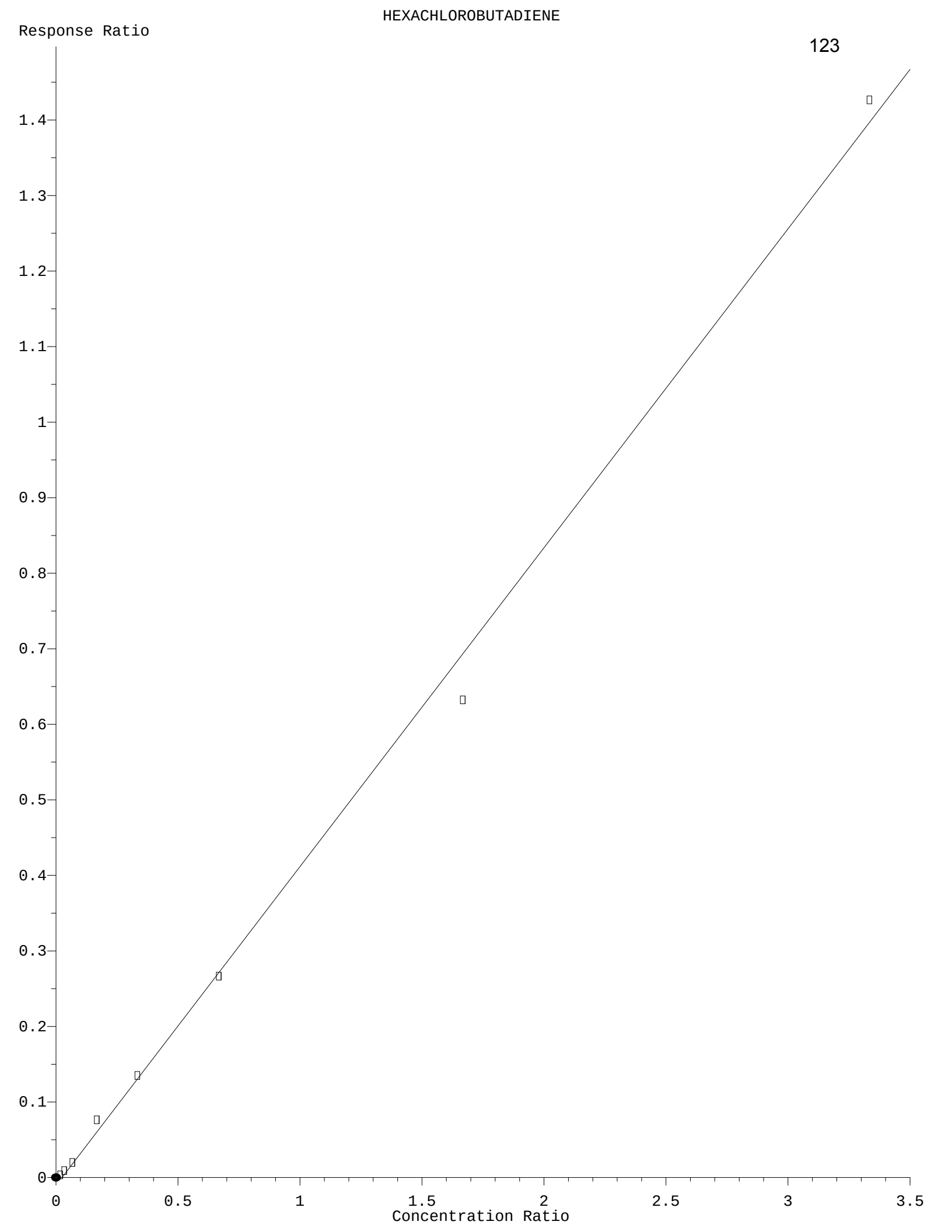

CIS-1,4-DICHLORO-2-BUTENE
Response Ratio
118
7.50e-002
7.00e-002
6.50e-002
6.00e-002
5.50e-002
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.05
0.1
0.15
0.2
0.25
0.3
Concentration Ratio

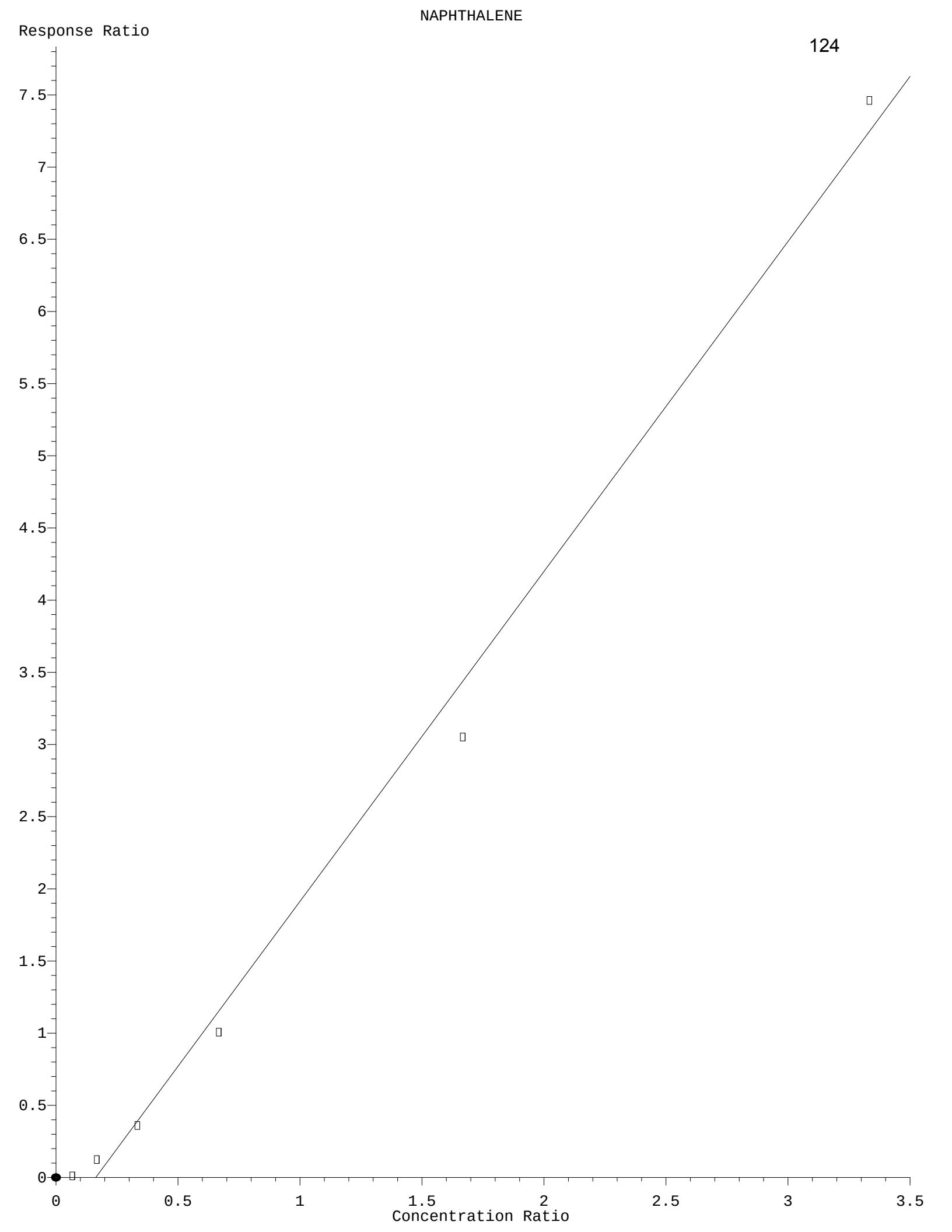

N-BUTYLBENZENE
Response Ratio
119
13
12
11
10
9
8
7
6
5
4
3
2
1
0
0
1
2
3
4
5
6
7
Concentration Ratio

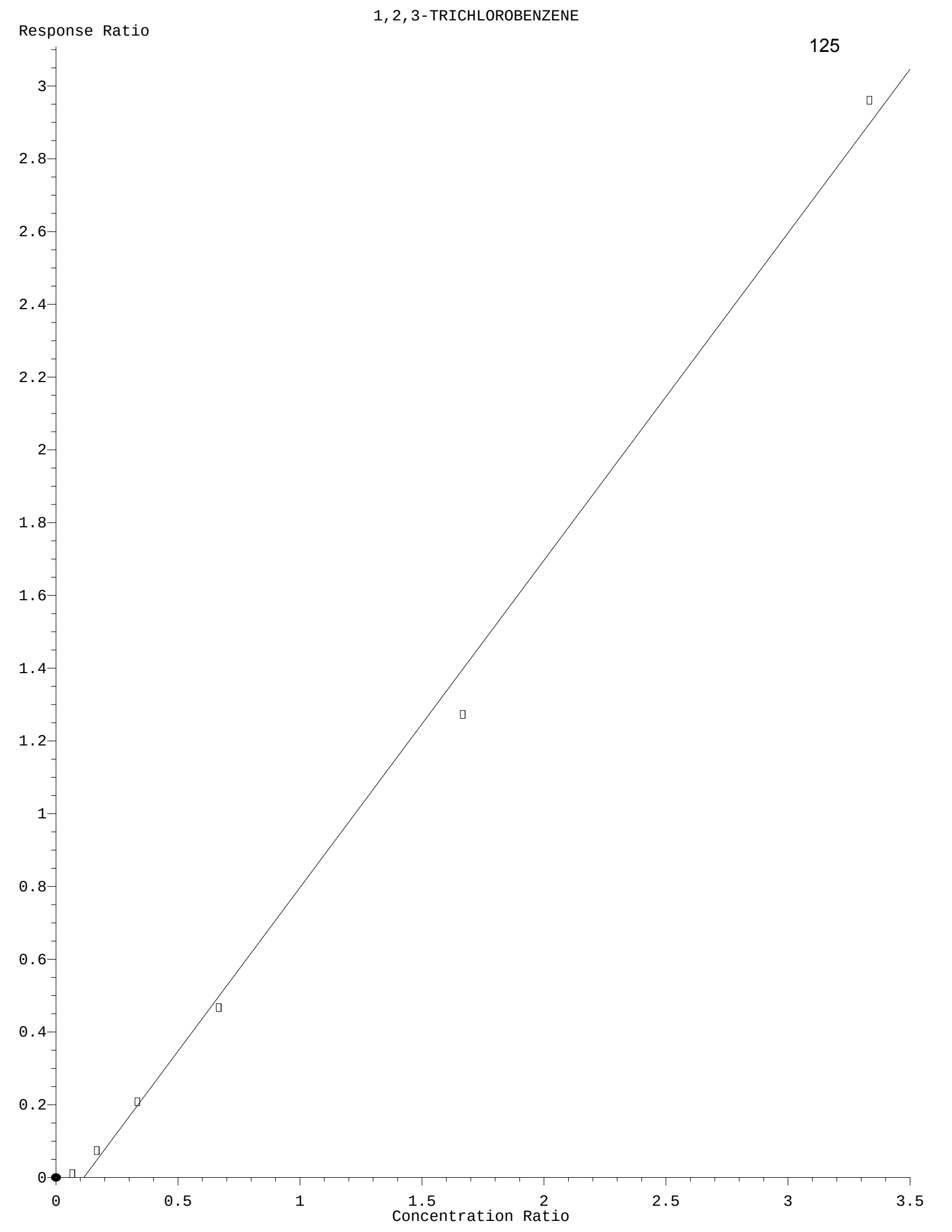

1,2-DIBROMO-3-CHLOROPROPANE
Response Ratio
120
0.23
0.22
0.21
0.2
0.19
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
Concentration Ratio


1,3,5-TRICHLOROBENZENE
Response Ratio
121
4
3.8
3.6
3.4
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,4-TRICHLOROBENZENE
Response Ratio
122
3.2
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


HEXACHLOROBUTADIENE
Response Ratio
123
1.4
1.3
1.2
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

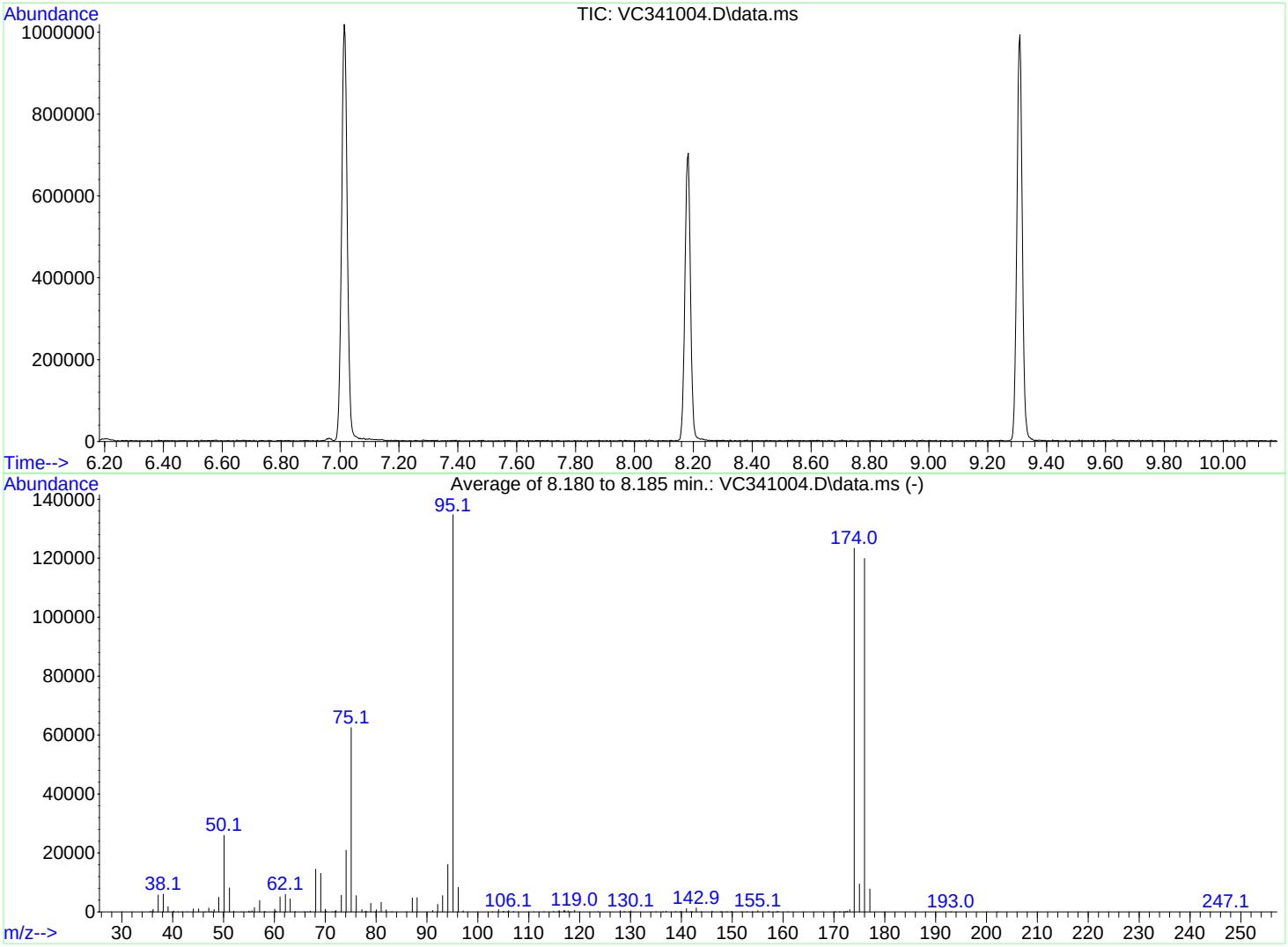

NAPHTHALENE
Response Ratio
124
7.5
7
6.5
6
5.5
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio


1,2,3-TRICHLOROBENZENE
Response Ratio
125
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : Y:\1\DATA\120711\
Data File : VC341004.D
Acq On : 7 Dec 2011 12:41 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\C1207W11.M
Title : 8260 WATER 5MLS VOAMS 5973 #3
Last Update : Thu Jan 27 12:11:35 2011



AutoFind: Scans 2647, 2648, 2649; Background Corrected with Scan 2631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	25928	PASS
75	95	30	60	46.4	62565	PASS
95	95	100	100	100.0	134773	PASS
96	95	5	9	6.2	8351	PASS
173	174	0.00	2	0.6	763	PASS
174	95	50	100	91.5	123368	PASS
175	174	5	9	7.7	9444	PASS
176	174	95	101	97.2	119901	PASS
177	176	5	9	6.5	7799	PASS

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	337925	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	477740	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	227733	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	204496	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	164701	24.82	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%				
49) TOLUENE SS	5.606	98	463969	24.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.48%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	170599	21.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	3328	0.41	UG/L		93
4) DIFLUOROCHLOROMETHANE	0.874	51	3525	0.31	UG/L		95
5) CHLOROMETHANE	0.952	50	3064	0.29	UG/L		96
6) VINYL CHLORIDE	0.999	62	3548	0.33	UG/L		92
7) BROMOMETHANE	1.147	94	2951	Below Cal			83
8) CHLOROETHANE	1.192	64	1961	0.31	UG/L	#	83
9) FLUORODICHLOROMETHANE	1.281	67	4987	0.31	UG/L	#	87
10) TRICHLOROFLUOROMETHANE	1.312	101	4017	0.32	UG/L		96
11) ETHANOL	1.454	45	1595	Below Cal		#	62
12) DI ETHYL ETHER	1.451	59	2235	0.35	UG/L		90
13) ACROLEIN	1.512	56	998m	1.81	UG/L		
14) ACETONE	1.602	43	7002	2.98	UG/L		100
15) 1,1-DICHLOROETHENE	1.568	61	3811	0.29	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2164	0.30	UG/L	#	53
17) IODOMETHANE	1.655	142	11493	Below Cal		#	100
20) METHYL ACETATE	1.788	43	5122	0.28	UG/L	#	86
21) T-BUTYL ALCOHOL	1.933	59	1990m	3.26	UG/L		
22) ACRYLONITRILE	2.014	53	1047m	0.31	UG/L		
23) METHYLENE CHLORIDE	1.850	49	11571	Below Cal		#	81
24) CARBON DISULFIDE	1.694	76	60558	2.77	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	6714	0.31	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.020	61	3811	0.31	UG/L		90
27) 1,1-DICHLOROETHANE	2.329	63	5020	Below Cal		#	78
28) VINYL ACETATE	2.377	43	37564	2.69	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	8867m	0.34	UG/L		
31) 2-BUTANONE	2.868	43	9243m	3.17	UG/L		
32) T-BUTYL ETHYL ETHER	2.711	59	8294m	0.37	UG/L		
33) CIS-1,2-DICHLOROETHENE	2.837	61	4526m	0.40	UG/L		
34) 2,2-DICHLOROPROPANE	2.826	77	2431m	0.33	UG/L		
35) ETHYL ACETATE	2.943	43	3638	0.01	UG/L	#	71
38) BROMOCHLOROMETHANE	3.082	49	2248	0.35	UG/L	#	70
40) CHLOROFORM	3.183	83	4739m	0.40	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.342	97	3433	0.35	UG/L	#	56
42) CYCLOHEXANE	3.406	56	9850	0.90	UG/L	#	68
43) CARBON TETRACHLORIDE	3.515	117	2970m	0.37	UG/L		
44) 1,1-DICHLOROPROPENE	3.520	75	3888	Below Cal		#	60
45) BENZENE	3.721	78	10358	0.45	UG/L	#	1
47) T-AMYLMETHYL ETHER	3.869	73	5840m	0.40	UG/L		
50) 1,2-DICHLOROETHANE	3.752	62	3603	0.33	UG/L	#	79
51) TRICHLOROETHENE	4.387	95	3076	0.46	UG/L	#	50
52) METHYLCYCLOHEXANE	4.566	83	3451m	0.42	UG/L		
53) 1,2-DICHLOROPROPANE	4.608	63	2499	0.38	UG/L	#	70
54) DIBROMOMETHANE	4.722	93	1800	0.43	UG/L		92
57) BROMODICHLOROMETHANE	4.909	83	2966	0.34	UG/L	#	87
58) 2-CHLOROETHYLVINYLETHER	5.241	63	12658	3.51	UG/L		92

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

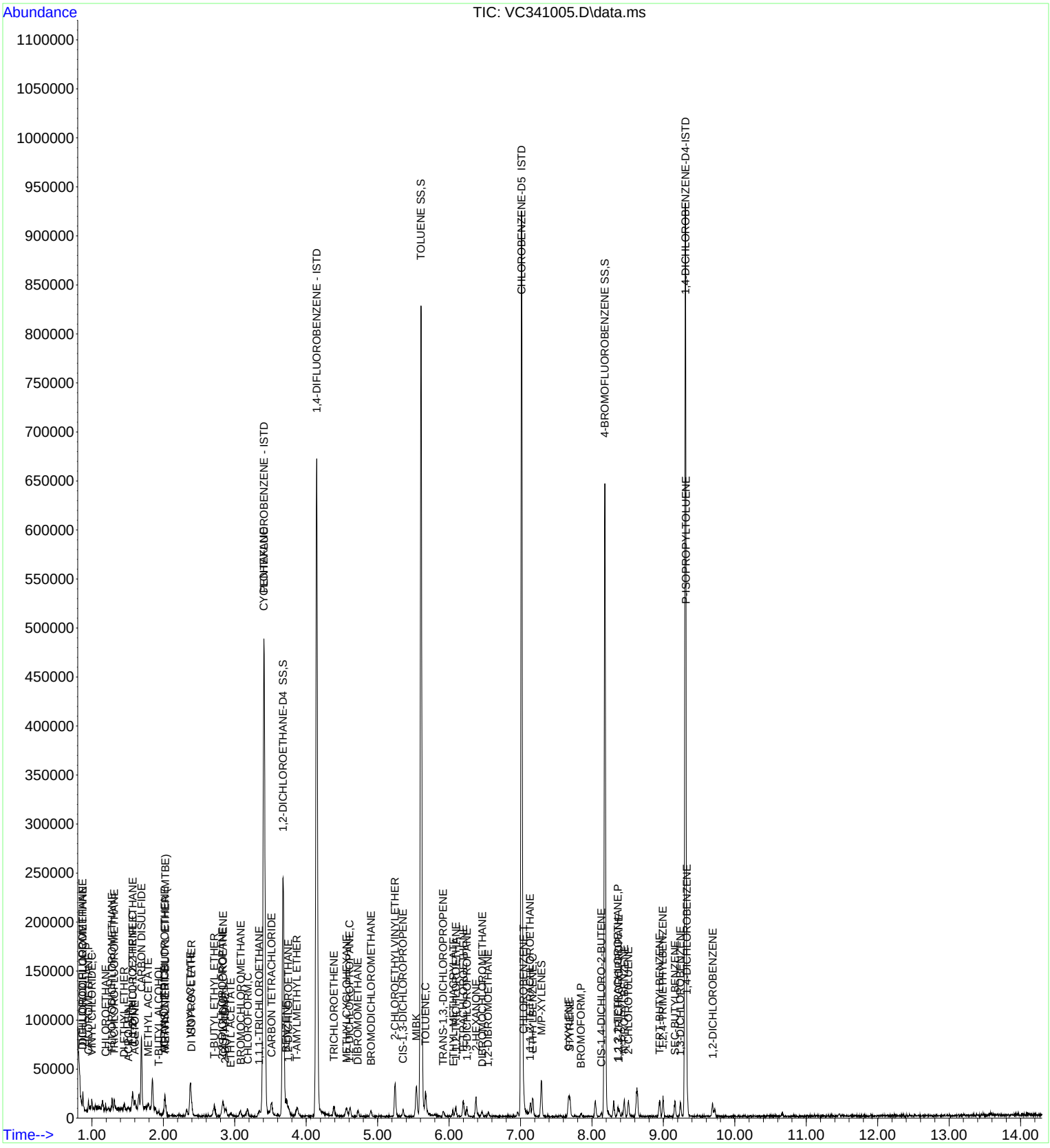
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	18871	3.15 UG/L #	92
60) CIS-1,3-DICHLOROPROPENE	5.355	75	3178	0.36 UG/L	97
61) TOLUENE	5.667	91	10520	0.42 UG/L	93
62) TRANS-1,3,-DICHLOROPRO...	5.916	75	2452	0.38 UG/L #	53
63) ETHYL METHACRYLATE	6.061	69	1988m	0.32 UG/L	
64) 1,1,2-TRICHLOROETHANE	6.097	97	2283m	0.42 UG/L	
65) 2-HEXANONE	6.378	43	9982	2.72 UG/L	95
66) TETRACHLOROETHENE	6.200	166	2805	0.42 UG/L	96
67) 1,3-DICHLOROPROPANE	6.250	76	3313	0.37 UG/L #	79
68) DIBROMOCHLOROMETHANE	6.465	129	1928	0.30 UG/L #	76
69) 1,2-DIBROMOETHANE	6.546	107	2180m	0.38 UG/L	
72) CHLOROBENZENE	7.042	112	7302	0.43 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.131	131	2357m	0.42 UG/L	
74) ETHYLBENZENE	7.170	91	11311	0.41 UG/L	100
75) M/P-XYLENES	7.293	91	17679	0.82 UG/L	97
76) 0-XYLENE	7.672	91	8856	0.38 UG/L	100
77) STYRENE	7.692	104	6659	0.35 UG/L #	66
78) BROMOFORM	7.845	173	1376m	0.53 UG/L	
79) ISOPROPYLBENZENE	8.049	105	8517	Below Cal	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.133	53	527m	0.43 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.364	83	2881	0.07 UG/L #	92
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	541m	Below Cal	
83) BROMOBENZENE	8.303	77	5062	Below Cal	85
84) 1,2,3-TRICHLOROPROPANE	8.378	75	1952m	0.56 UG/L	
85) N-PROPYLBENZENE	8.453	91	10672	0.66 UG/L	94
86) 2-CHLOROT0LUENE	8.512	91	7695	0.70 UG/L	94
87) 1,3,5-TRIMETHYLBENZENE	8.635	105	8161	Below Cal	96
88) 4-CHLOROTOLUENE	8.621	91	8827	Below Cal	96
90) TERT-BUTYLBENZENE	8.947	119	6382	0.40 UG/L	90
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	7666	0.38 UG/L	99
92) SEC-BUTYLBENZENE	9.162	105	8864	0.41 UG/L	95
93) 1,3-DICHLOROBENZENE	9.237	146	4898	0.42 UG/L	93
94) P-ISOPROPYLTOLUENE	9.318	119	6189	0.35 UG/L #	88
95) 1,4-DICHLOROBENZENE	9.329	146	5214	0.43 UG/L #	78
96) N-BUTYLBENZENE	9.716	91	3519	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.691	146	4317	0.40 UG/L	97
99) 1,3,5-TRICHLOROBENZENE	10.667	180	837m	Below Cal	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341005.D Vial: 5
Acq On : 7 Dec 2011 1:12 pm Operator:
Sample : 8260 STD 0.4 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:05:56 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	326702	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	462778	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	216195	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	193036	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	156171	24.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%				
49) TOLUENE SS	5.609	98	456248	25.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.96%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	158410	21.06	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.24%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	3588	0.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	4866	0.45	UG/L		94
5) CHLOROMETHANE	0.954	50	3827	0.37	UG/L		93
6) VINYL CHLORIDE	1.002	62	4227	0.41	UG/L		94
7) BROMOMETHANE	1.152	94	5170	Below Cal		#	74
8) CHLOROETHANE	1.192	64	2231	0.37	UG/L		90
9) FLUORODICHLOROMETHANE	1.281	67	6042	0.39	UG/L		95
10) TRICHLOROFLUOROMETHANE	1.311	101	4851	0.40	UG/L		92
12) DI ETHYL ETHER	1.451	59	2200	0.36	UG/L	#	65
13) ACROLEIN	1.521	56	1339	2.52	UG/L		99
14) ACETONE	1.601	43	9121	4.02	UG/L		98
15) 1,1-DICHLOROETHENE	1.571	61	4551m	0.36	UG/L		
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	2431	0.35	UG/L		84
17) IODOMETHANE	1.657	142	19691	0.01	UG/L	#	100
20) METHYL ACETATE	1.786	43	6666	0.37	UG/L	#	77
21) T-BUTYL ALCOHOL	1.925	59	2406m	4.08	UG/L		
22) ACRYLONITRILE	2.006	53	1412	0.44	UG/L	#	8
23) METHYLENE CHLORIDE	1.847	49	14713	Below Cal		#	85
24) CARBON DISULFIDE	1.693	76	72655	3.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.031	73	8641m	0.41	UG/L		
26) TRANS 1,2-DICHLOROETHENE	2.023	61	4521	0.38	UG/L		96
27) 1,1-DICHLOROETHANE	2.329	63	5463	Below Cal		#	87
28) VINYL ACETATE	2.377	43	45604	3.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	10324	0.41	UG/L	#	84
31) 2-BUTANONE	2.876	43	11311m	4.02	UG/L		
32) T-BUTYL ETHYL ETHER	2.703	59	9702	0.45	UG/L	#	50
33) CIS-1,2-DICHLOROETHENE	2.842	61	5277	0.48	UG/L		90
34) 2,2-DICHLOROPROPANE	2.834	77	3433m	0.48	UG/L		
35) ETHYL ACETATE	2.951	43	4258m	0.14	UG/L		
38) BROMOCHLOROMETHANE	3.085	49	2799m	0.45	UG/L		
39) TETRAHYDROFURAN	3.144	42	1061m	0.54	UG/L		
40) CHLOROFORM	3.174	83	5900m	0.51	UG/L		
41) 1,1,1-TRICHLOROETHANE	3.344	97	4178	0.44	UG/L	#	69
42) CYCLOHEXANE	3.411	56	10871	1.03	UG/L	#	66
43) CARBON TETRACHLORIDE	3.501	117	3639m	0.47	UG/L		
44) 1,1-DICHLOROPROPENE	3.514	75	4316	Below Cal		#	81
45) BENZENE	3.724	78	12439	0.56	UG/L	#	86
47) T-AMYLMETHYL ETHER	3.874	73	7168m	0.50	UG/L		
50) 1,2-DICHLOROETHANE	3.754	62	4840	0.45	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	2738	0.42	UG/L	#	79
52) METHYLCYCLOHEXANE	4.563	83	4200m	0.53	UG/L		
53) 1,2-DICHLOROPROPANE	4.619	63	3222	0.51	UG/L	#	96
54) DIBROMOMETHANE	4.725	93	2243m	0.56	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	3556	0.42	UG/L	#	96
58) 2-CHLOROETHYLVINYLETHER	5.243	63	14408	4.13	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

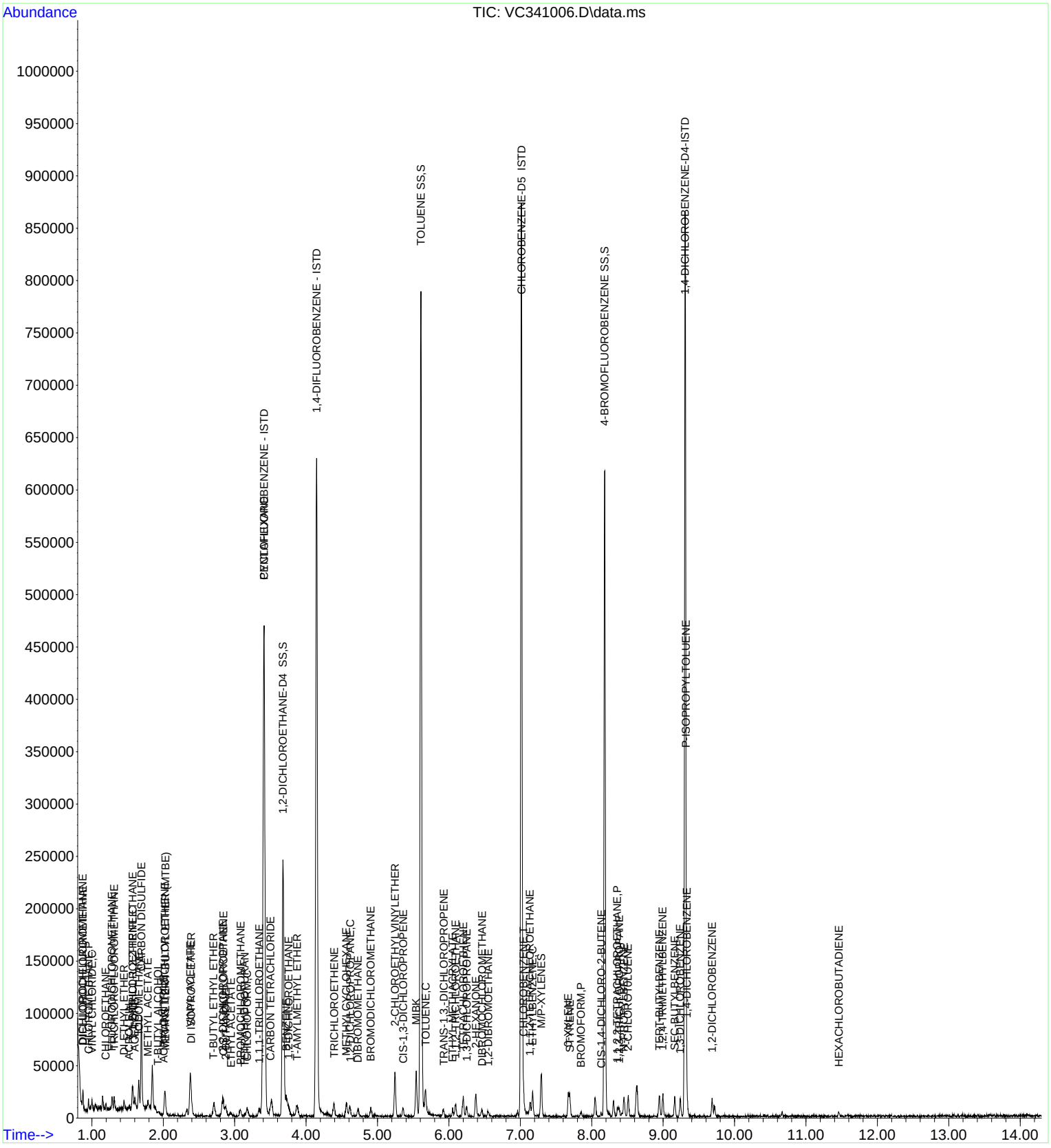
Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.542	43	23542	4.06 UG/L	99
60) CIS-1,3-DICHLOROPROPENE	5.361	75	3315	0.39 UG/L #	54
61) TOLUENE	5.676	91	12312	0.51 UG/L	97
62) TRANS-1,3,-DICHLOROPRO...	5.929	75	2758	0.44 UG/L #	53
63) ETHYL METHACRYLATE	6.052	69	2456	0.40 UG/L #	66
64) 1,1,2-TRICHLOROETHANE	6.094	97	3099	0.59 UG/L	96
65) 2-HEXANONE	6.378	43	12753	3.59 UG/L	99
66) TETRACHLOROETHENE	6.203	166	3672	0.57 UG/L #	65
67) 1,3-DICHLOROPROPANE	6.250	76	4177	0.49 UG/L	96
68) DIBROMOCHLOROMETHANE	6.465	129	2445	0.39 UG/L	94
69) 1,2-DIBROMOETHANE	6.551	107	2390	0.44 UG/L #	54
72) CHLOROBENZENE	7.045	112	8368	0.52 UG/L #	83
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	2452	0.46 UG/L #	90
74) ETHYLBENZENE	7.173	91	13127	0.50 UG/L	98
75) M/P-XYLENES	7.296	91	20611	1.00 UG/L #	60
76) 0-XYLENE	7.670	91	9670	0.44 UG/L	100
77) STYRENE	7.695	104	6941	0.39 UG/L	97
78) BROMOFORM	7.851	173	1534m	0.57 UG/L	
79) ISOPROPYLBENZENE	8.049	105	10130	Below Cal #	80
80) CIS-1,4-DICHLORO-2-BUTENE	8.135	53	582m	0.46 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.356	83	3511	0.17 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	610m	Below Cal	
83) BROMOBENZENE	8.305	77	4946	Below Cal	95
84) 1,2,3-TRICHLOROPROPANE	8.386	75	2569	0.64 UG/L #	74
85) N-PROPYLBENZENE	8.450	91	12666	0.72 UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	8760	0.75 UG/L	99
87) 1,3,5-TRIMETHYLBENZENE	8.634	105	8936	Below Cal	97
88) 4-CHLOROTOLUENE	8.623	91	10136	Below Cal #	88
90) TERT-BUTYLBENZENE	8.950	119	7801	0.51 UG/L	96
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	8922	0.46 UG/L	98
92) SEC-BUTYLBENZENE	9.161	105	10145	0.49 UG/L	98
93) 1,3-DICHLOROBENZENE	9.237	146	5710	0.51 UG/L	95
94) P-ISOPROPYLTOLUENE	9.320	119	8211	0.50 UG/L	95
95) 1,4-DICHLOROBENZENE	9.332	146	5278	0.46 UG/L	97
96) N-BUTYLBENZENE	9.722	91	4605	Below Cal #	50
97) 1,2-DICHLOROBENZENE	9.686	146	4724	0.46 UG/L #	92
99) 1,3,5-TRICHLOROBENZENE	10.667	180	1041	Below Cal	99
101) HEXACHLOROBUTADIENE	11.462	225	675	0.30 UG/L #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341006.D Vial: 6
Acq On : 7 Dec 2011 1:42 pm Operator:
Sample : 8260 STD 0.5 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:10:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	298073	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	387805	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	201135	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	185383	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	137505	23.49	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.96%				
49) TOLUENE SS	5.606	98	402487	26.58	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.32%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	155659	22.24	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.96%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	6764	0.94	UG/L		89
4) DIFLUOROCHLOROMETHANE	0.876	51	8075	0.81	UG/L		95
5) CHLOROMETHANE	0.949	50	7491	0.80	UG/L		99
6) VINYL CHLORIDE	1.002	62	8113	0.87	UG/L		94
7) BROMOMETHANE	1.147	94	7196	0.45	UG/L		98
8) CHLOROETHANE	1.197	64	4449	0.80	UG/L		94
9) FLUORODICHLOROMETHANE	1.284	67	12002	0.85	UG/L		96
10) TRICHLOROFLUOROMETHANE	1.309	101	8870	0.79	UG/L		92
12) DI ETHYL ETHER	1.451	59	5078	0.91	UG/L	#	85
13) ACROLEIN	1.515	56	2388	4.92	UG/L		98
14) ACETONE	1.599	43	15854	7.65	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	9804	0.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	5445	0.85	UG/L		99
17) IODOMETHANE	1.657	142	46115	2.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	11214	0.69	UG/L	#	88
21) T-BUTYL ALCOHOL	1.931	59	3387	6.29	UG/L	#	95
22) ACRYLONITRILE	2.006	53	2426	0.82	UG/L	#	74
23) METHYLENE CHLORIDE	1.847	49	19699	Below Cal		#	85
24) CARBON DISULFIDE	1.694	76	149182	7.74	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	16396	0.85	UG/L		95
26) TRANS 1,2-DICHLOROETHENE	2.023	61	9572	0.89	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	10960	Below Cal		#	92
28) VINYL ACETATE	2.377	43	89551	7.28	UG/L	#	100
29) DI ISOPROYL ETHER	2.385	45	20432m	0.90	UG/L		
31) 2-BUTANONE	2.870	43	21416	8.34	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	17604	0.89	UG/L	#	81
33) CIS-1,2-DICHLOROETHENE	2.837	61	10915	1.10	UG/L	#	84
34) 2,2-DICHLOROPROPANE	2.829	77	5180	0.79	UG/L	#	77
35) ETHYL ACETATE	2.943	43	4413	0.24	UG/L	#	71
38) BROMOCHLOROMETHANE	3.074	49	5734	1.00	UG/L	#	85
39) TETRAHYDROFURAN	3.141	42	1372m	0.77	UG/L		
40) CHLOROFORM	3.174	83	10412	0.98	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.336	97	7941	0.92	UG/L		94
42) CYCLOHEXANE	3.397	56	14905	1.54	UG/L	#	73
43) CARBON TETRACHLORIDE	3.503	117	6737	0.95	UG/L		89
44) 1,1-DICHLOROPROPENE	3.517	75	7429m	Below Cal			
45) BENZENE	3.724	78	21243	1.04	UG/L		95
47) T-AMYLMETHYL ETHER	3.869	73	12287	0.95	UG/L	#	74
50) 1,2-DICHLOROETHANE	3.754	62	8837	0.99	UG/L	#	79
51) TRICHLOROETHENE	4.393	95	5622	1.03	UG/L		91
52) METHYLCYCLOHEXANE	4.560	83	6700	1.02	UG/L		96
53) 1,2-DICHLOROPROPANE	4.610	63	5454	1.03	UG/L	#	91
54) DIBROMOMETHANE	4.725	93	3481	1.03	UG/L		91
57) BROMODICHLOROMETHANE	4.903	83	7113	1.00	UG/L	#	94
58) 2-CHLOROETHYLVINYLETHER	5.243	63	26911	9.20	UG/L		93

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D Vial: 7
Acq On : 7 Dec 2011 2:12 pm Operator:
Sample : 8260 STD 1.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:12:06 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) MIBK	5.539	43	40809	8.40 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.361	75	6306	0.88 UG/L #	88
61) TOLUENE	5.676	91	24284	1.20 UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	4398	0.84 UG/L #	88
63) ETHYL METHACRYLATE	6.052	69	4943	0.97 UG/L	90
64) 1,1,2-TRICHLOROETHANE	6.094	97	4793	1.10 UG/L	95
65) 2-HEXANONE	6.373	43	26184	8.79 UG/L	96
66) TETRACHLOROETHENE	6.200	166	6173	1.14 UG/L	96
67) 1,3-DICHLOROPROPANE	6.247	76	7687	1.07 UG/L	92
68) DIBROMOCHLOROMETHANE	6.457	129	5427	1.04 UG/L	99
69) 1,2-DIBROMOETHANE	6.549	107	5031	1.09 UG/L	99
72) CHLOROBENZENE	7.039	112	15564	1.04 UG/L	93
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	4894	0.98 UG/L #	87
74) ETHYLBENZENE	7.173	91	25834	1.06 UG/L	99
75) M/P-XYLENES	7.290	91	38769	2.03 UG/L	99
76) 0-XYLENE	7.672	91	20717	1.00 UG/L	100
77) STYRENE	7.689	104	15624	0.94 UG/L	100
78) BROMOFORM	7.845	173	3103	0.90 UG/L #	92
79) ISOPROPYLBENZENE	8.046	105	19279	0.19 UG/L	97
80) CIS-1,4-DICHLORO-2-BUTENE	8.121	53	1231m	0.71 UG/L	
81) 1,1,2,2-TETRACHLOROETHANE	8.358	83	5692	0.51 UG/L #	94
82) 1,4-DICHLORO-2-BUTENE(...	8.423	53	1093	Below Cal #	28
83) BROMOBENZENE	8.303	77	9273	0.23 UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	4213	0.88 UG/L #	82
85) N-PROPYLBENZENE	8.453	91	24934	1.02 UG/L	95
86) 2-CHLOROT0LUENE	8.509	91	17492	1.10 UG/L	98
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	18229	0.33 UG/L	94
88) 4-CHLOROTOLUENE	8.620	91	18587	0.04 UG/L	92
90) TERT-BUTYLBENZENE	8.947	119	14325	0.98 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	9.000	105	18242	0.99 UG/L	99
92) SEC-BUTYLBENZENE	9.164	105	19799	1.00 UG/L	98
93) 1,3-DICHLOROBENZENE	9.240	146	10801	1.01 UG/L	97
94) P-ISOPROPYLTOLUENE	9.312	119	16042	1.01 UG/L #	94
95) 1,4-DICHLOROBENZENE	9.326	146	11414	1.05 UG/L #	92
96) N-BUTYLBENZENE	9.716	91	10714	0.40 UG/L	94
97) 1,2-DICHLOROBENZENE	9.686	146	10590	1.07 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.469	75	697	Below Cal #	1
99) 1,3,5-TRICHLOROBENZENE	10.667	180	3784	0.28 UG/L	91
100) 1,2,4-TRICHLOROBENZENE	11.270	180	483m	1.66 UG/L	
101) HEXACHLOROBUTADIENE	11.459	225	1689	0.79 UG/L #	44

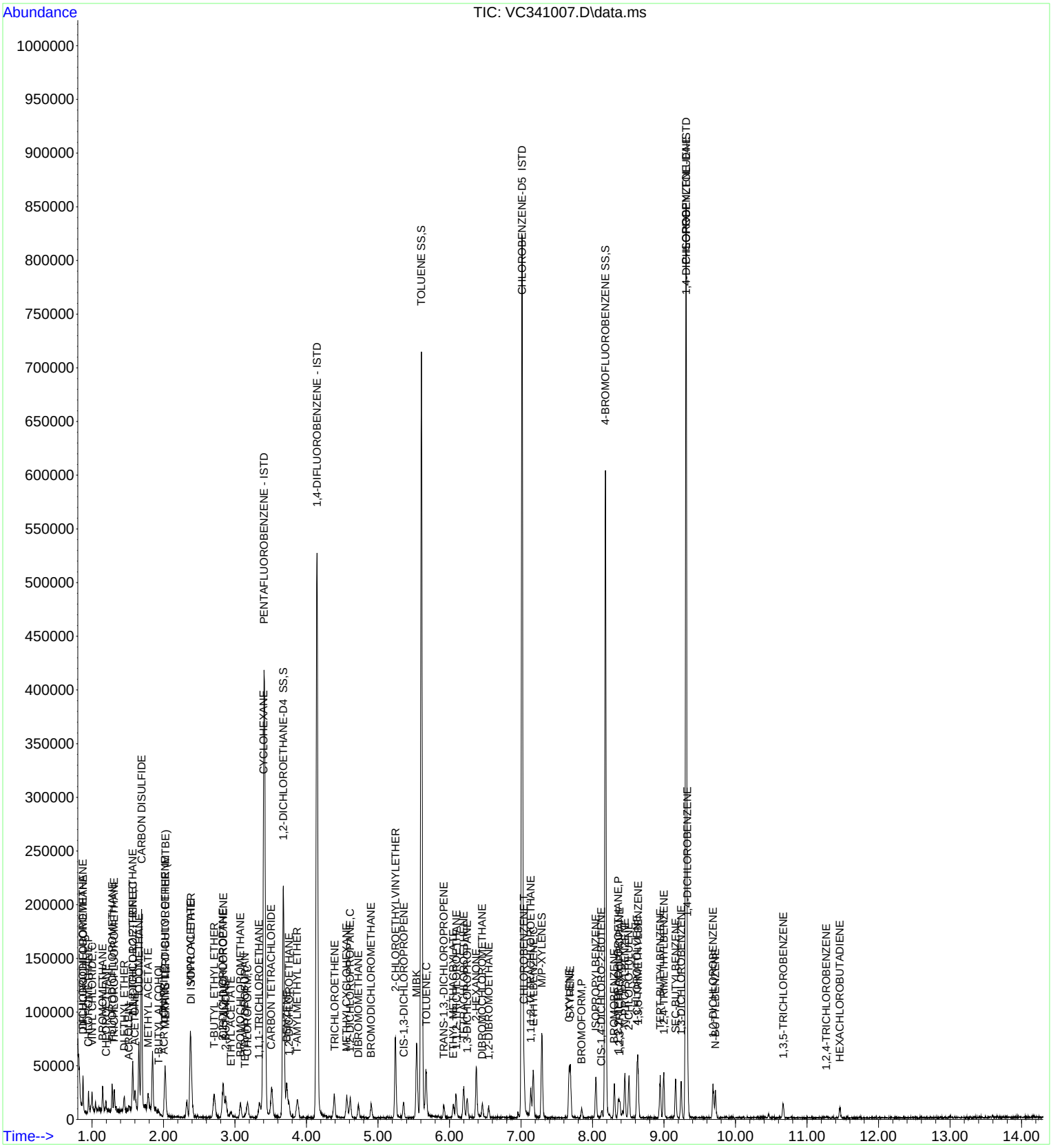
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341007.D
Acq On : 7 Dec 2011 2:12 pm
Sample : 8260 STD 1.0 PPB
Misc :
Quant Time: Dec 08 07:12:06 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	357136	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	498814	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	217646	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	194349	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	170609	24.33	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%				
49) TOLUENE SS	5.606	98	471991	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	147646	19.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	13352	1.55	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	17199	1.44	UG/L	#	92
5) CHLOROMETHANE	0.952	50	14491	1.30	UG/L		96
6) VINYL CHLORIDE	1.002	62	16955	1.51	UG/L		97
7) BROMOMETHANE	1.147	94	14411	1.52	UG/L		95
8) CHLOROETHANE	1.195	64	8989	1.35	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	25660	1.52	UG/L		97
10) TRICHLOROFLUOROMETHANE	1.309	101	20022	1.49	UG/L		99
11) ETHANOL	1.404	45	1637m	Below Cal			
12) DI ETHYL ETHER	1.448	59	10672	1.59	UG/L	#	86
13) ACROLEIN	1.515	56	6943	11.94	UG/L		99
14) ACETONE	1.604	43	33500	13.50	UG/L		100
15) 1,1-DICHLOROETHENE	1.571	61	21196	1.53	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.571	101	11751m	1.53	UG/L		
17) IODOMETHANE	1.657	142	129606	9.29	UG/L	#	100
20) METHYL ACETATE	1.786	43	25502	1.30	UG/L		95
21) T-BUTYL ALCOHOL	1.922	59	9981m	15.48	UG/L		
22) ACRYLONITRILE	2.000	53	5456m	1.55	UG/L		
23) METHYLENE CHLORIDE	1.847	49	29113	Below Cal			88
24) CARBON DISULFIDE	1.694	76	327961	14.21	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	35755	1.56	UG/L	#	79
26) TRANS 1,2-DICHLOROETHENE	2.023	61	21647	1.67	UG/L		100
27) 1,1-DICHLOROETHANE	2.329	63	23678	0.12	UG/L		98
28) VINYL ACETATE	2.377	43	211646	14.36	UG/L	#	100
29) DI ISOPROYL ETHER	2.399	45	45555m	1.67	UG/L		
31) 2-BUTANONE	2.868	43	49094	15.96	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	40183	1.70	UG/L	#	92
33) CIS-1,2-DICHLOROETHENE	2.831	61	22027	1.85	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	11962	1.53	UG/L		95
35) ETHYL ACETATE	2.937	43	11701m	1.22	UG/L		
38) BROMOCHLOROMETHANE	3.071	49	11907	1.74	UG/L		85
39) TETRAHYDROFURAN	3.135	42	4002m	1.87	UG/L		
40) CHLOROFORM	3.180	83	24052	1.90	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	18259	1.76	UG/L	#	86
42) CYCLOHEXANE	3.395	56	26361m	2.28	UG/L		
43) CARBON TETRACHLORIDE	3.506	117	15316	1.81	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	17055	0.83	UG/L	#	90
45) BENZENE	3.724	78	48624	1.98	UG/L	#	87
47) T-AMYLMETHYL ETHER	3.877	73	27733	1.78	UG/L	#	78
50) 1,2-DICHLOROETHANE	3.760	62	21331	1.86	UG/L	#	94
51) TRICHLOROETHENE	4.396	95	12803	1.83	UG/L		96
52) METHYLCYCLOHEXANE	4.569	83	16241	1.91	UG/L		94
53) 1,2-DICHLOROPROPANE	4.611	63	12814	1.88	UG/L	#	98
54) DIBROMOMETHANE	4.725	93	7496	1.73	UG/L		92
56) 1,4-DIOXANE	4.784	88	1063m	Below Cal			

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341008.D Vial: 8
Acq On : 7 Dec 2011 2:43 pm Operator:
Sample : 8260 STD 2.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:14:55 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

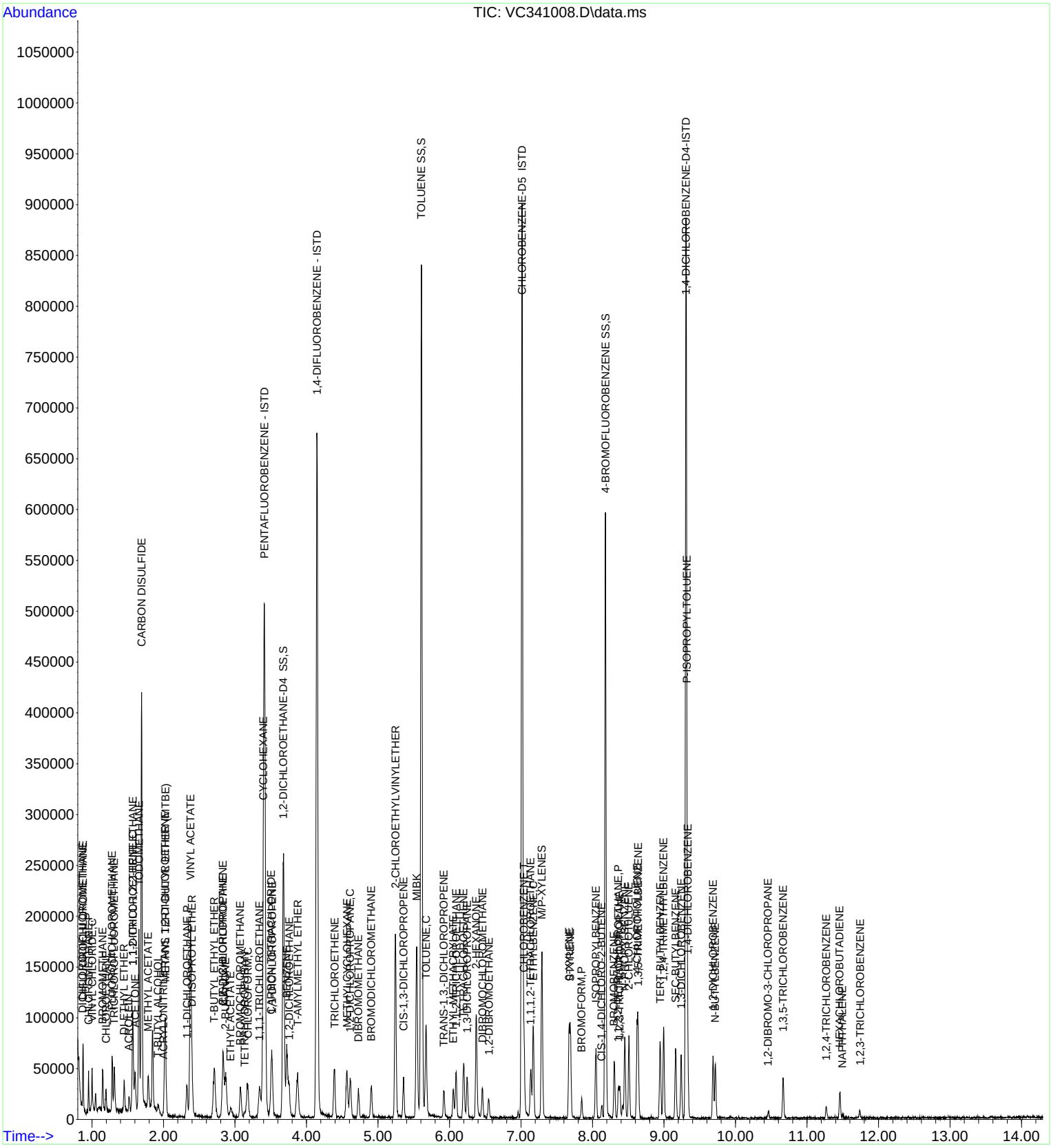
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
57) BROMODICHLOROMETHANE	4.906	83	16634	1.81 UG/L	98
58) 2-CHLOROETHYLVINYLETHER	5.244	63	67362	17.91 UG/L	93
59) MIBK	5.542	43	101794	16.29 UG/L	98
60) CIS-1,3-DICHLOROPROPENE	5.358	75	15130	1.64 UG/L	96
61) TOLUENE	5.673	91	51773	1.98 UG/L	98
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	11072	1.64 UG/L #	76
63) ETHYL METHACRYLATE	6.052	69	11079	1.69 UG/L #	84
64) 1,1,2-TRICHLOROETHANE	6.091	97	10907	1.94 UG/L	96
65) 2-HEXANONE	6.373	43	56930	14.85 UG/L	96
66) TETRACHLOROETHENE	6.197	166	12886	1.84 UG/L	94
67) 1,3-DICHLOROPROPANE	6.248	76	17727	1.91 UG/L	100
68) DIBROMOCHLOROMETHANE	6.462	129	12014	1.80 UG/L	92
69) 1,2-DIBROMOETHANE	6.551	107	9670	1.63 UG/L	92
72) CHLOROBENZENE	7.040	112	30658	1.90 UG/L #	88
73) 1,1,1,2-TETRACHLOROETHANE	7.134	131	10196	1.89 UG/L	93
74) ETHYLBENZENE	7.171	91	52635	1.99 UG/L	99
75) M/P-XYLENES	7.290	91	82345	3.98 UG/L	97
76) 0-XYLENE	7.673	91	40165	1.80 UG/L	98
77) STYRENE	7.689	104	31638	1.76 UG/L	98
78) BROMOFORM	7.848	173	6859	1.54 UG/L	98
79) ISOPROPYLBENZENE	8.049	105	38463	0.94 UG/L	98
80) CIS-1,4-DICHLORO-2-BUTENE	8.124	53	2287	1.03 UG/L #	65
81) 1,1,2,2-TETRACHLOROETHANE	8.359	83	10309	1.05 UG/L	92
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	2352	Below Cal #	61
83) BROMOBENZENE	8.300	77	18245	0.98 UG/L	95
84) 1,2,3-TRICHLOROPROPANE	8.381	75	9211	1.44 UG/L	99
85) N-PROPYLBENZENE	8.451	91	49083	1.49 UG/L	97
86) 2-CHLOROT0LUENE	8.509	91	34123	1.64 UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.640	105	36841	1.12 UG/L	96
88) 4-CHLOROTOLUENE	8.623	91	35963	0.80 UG/L	100
90) TERT-BUTYLBENZENE	8.950	119	29684	1.94 UG/L	97
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	38755	2.01 UG/L	100
92) SEC-BUTYLBENZENE	9.162	105	40682	1.96 UG/L	99
93) 1,3-DICHLOROBENZENE	9.240	146	20624	1.84 UG/L	97
94) P-ISOPROPYLTOLUENE	9.321	119	33336	2.00 UG/L	96
95) 1,4-DICHLOROBENZENE	9.332	146	21475	1.88 UG/L	97
96) N-BUTYLBENZENE	9.714	91	23493	1.26 UG/L	98
97) 1,2-DICHLOROBENZENE	9.686	146	21255	2.05 UG/L	97
98) 1,2-DIBROMO-3-CHLOROPR...	10.456	75	1175	0.17 UG/L	92
99) 1,3,5-TRICHLOROBENZENE	10.665	180	10583	1.31 UG/L	97
100) 1,2,4-TRICHLOROBENZENE	11.270	180	3286	2.14 UG/L	95
101) HEXACHLOROBUTADIENE	11.457	225	3869	1.72 UG/L	89
102) NAPHTHALENE	11.496	128	2199m	1.47 UG/L	
103) 1,2,3-TRICHLOROBENZENE	11.744	180	2074m	1.11 UG/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\120711\VC341008.D
Acq On : 7 Dec 2011 2:43 pm
Sample : 8260 STD 2.0 PPB
Misc :
Quant Time: Dec 08 07:14:55 2011

Vial: 8
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	245184	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	339877	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	165237	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	173266	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	115189	23.92	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.68%				
49) TOLUENE SS	5.606	98	351695	26.50	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.00%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	137349	23.89	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	31340	5.30	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.877	51	41349	5.05	UG/L		99
5) CHLOROMETHANE	0.952	50	32134	4.18	UG/L		97
6) VINYL CHLORIDE	0.999	62	38484	4.99	UG/L		98
7) BROMOMETHANE	1.150	94	25452	5.70	UG/L		97
8) CHLOROETHANE	1.192	64	18595	4.07	UG/L		94
9) FLUORODICHLOROMETHANE	1.281	67	59984	5.19	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	45814	4.98	UG/L		97
11) ETHANOL	1.392	45	2740m	Below Cal			
12) DI ETHYL ETHER	1.451	59	22834	4.95	UG/L		94
13) ACROLEIN	1.515	56	16714	41.88	UG/L		98
14) ACETONE	1.602	43	67635	39.69	UG/L		99
15) 1,1-DICHLOROETHENE	1.568	61	47818	5.02	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	25853	4.91	UG/L		95
17) IODOMETHANE	1.657	142	383657	46.13	UG/L	#	100
20) METHYL ACETATE	1.786	43	56315	4.18	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	19934	45.03	UG/L	#	83
22) ACRYLONITRILE	2.012	53	12074	4.99	UG/L		87
23) METHYLENE CHLORIDE	1.847	49	54114	3.38	UG/L		91
24) CARBON DISULFIDE	1.694	76	794414	50.13	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	80872	5.12	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	46198	5.21	UG/L		94
27) 1,1-DICHLOROETHANE	2.324	63	50270	4.39	UG/L		99
28) VINYL ACETATE	2.377	43	443316	43.81	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	87604	4.67	UG/L		91
31) 2-BUTANONE	2.868	43	79182	37.49	UG/L	#	93
32) T-BUTYL ETHYL ETHER	2.709	59	71395	4.41	UG/L	#	87
33) CIS-1,2-DICHLOROETHENE	2.837	61	39010	4.76	UG/L		96
34) 2,2-DICHLOROPROPANE	2.829	77	22456	4.17	UG/L	#	75
35) ETHYL ACETATE	2.943	43	17632	3.37	UG/L	#	88
38) BROMOCHLOROMETHANE	3.077	49	20111	4.28	UG/L	#	84
39) TETRAHYDROFURAN	3.138	42	5490	3.73	UG/L	#	86
40) CHLOROFORM	3.180	83	42568	4.89	UG/L		98
41) 1,1,1-TRICHLOROETHANE	3.345	97	35767	5.01	UG/L	#	79
42) CYCLOHEXANE	3.392	56	39646	4.99	UG/L		90
43) CARBON TETRACHLORIDE	3.503	117	26753	4.61	UG/L		94
44) 1,1-DICHLOROPROPENE	3.520	75	32898	4.47	UG/L		98
45) BENZENE	3.724	78	89421	5.32	UG/L		96
47) T-AMYLMETHYL ETHER	3.872	73	49915	4.68	UG/L	#	87
50) 1,2-DICHLOROETHANE	3.749	62	35255	4.51	UG/L		98
51) TRICHLOROETHENE	4.390	95	26534	5.57	UG/L		97
52) METHYLCYCLOHEXANE	4.563	83	30894	5.34	UG/L		90
53) 1,2-DICHLOROPROPANE	4.611	63	23677	5.10	UG/L	#	95
54) DIBROMOMETHANE	4.725	93	14988	5.07	UG/L		96
56) 1,4-DIOXANE	4.778	88	1773m	4.14	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

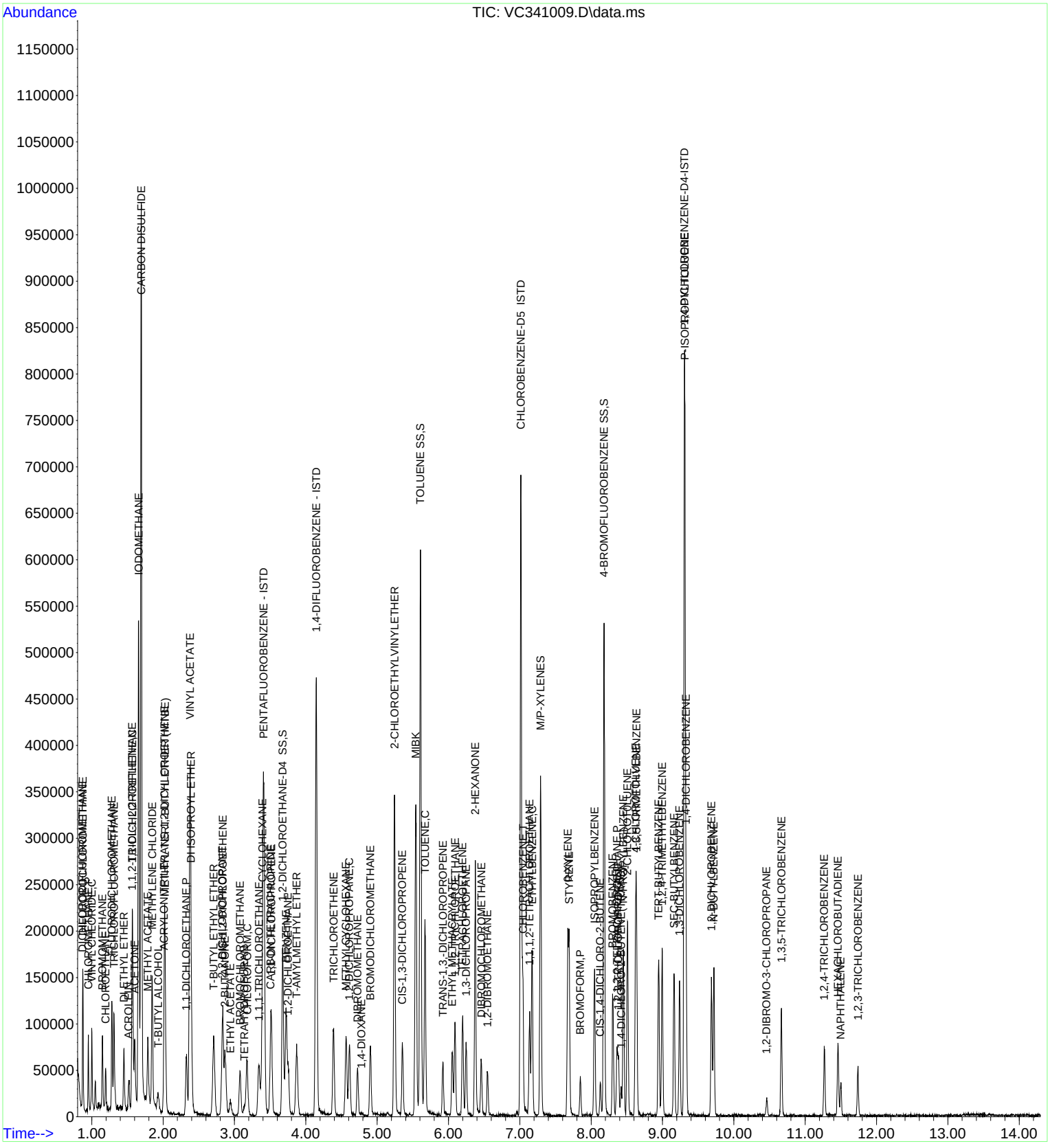
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	41613	6.65	UG/L		96
58)	2-CHLOROETHYLVINYLETHER	5.244	63	124715	48.66	UG/L		96
59)	MIBK	5.542	43	201766	47.39	UG/L		97
60)	CIS-1,3-DICHLOROPROPENE	5.350	75	33128	5.28	UG/L		98
61)	TOLUENE	5.670	91	118530	6.66	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	23554	5.13	UG/L		91
63)	ETHYL METHACRYLATE	6.052	69	29817	6.66	UG/L		85
64)	1,1,2-TRICHLOROETHANE	6.091	97	25894	6.75	UG/L		94
65)	2-HEXANONE	6.376	43	127777	48.92	UG/L		94
66)	TETRACHLOROETHENE	6.197	166	25766	5.41	UG/L		97
67)	1,3-DICHLOROPROPANE	6.247	76	34871	5.52	UG/L		95
68)	DIBROMOCHLOROMETHANE	6.462	129	24794	5.44	UG/L		97
69)	1,2-DIBROMOETHANE	6.546	107	23662	5.87	UG/L		96
72)	CHLOROBENZENE	7.045	112	62560	5.11	UG/L		97
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	22889	5.60	UG/L		96
74)	ETHYLBENZENE	7.173	91	109598	5.45	UG/L		99
75)	M/P-XYLENES	7.290	91	179782	11.44	UG/L		100
76)	0-XYLENE	7.673	91	85379	5.03	UG/L		99
77)	STYRENE	7.692	104	68745	5.03	UG/L		98
78)	BROMOFORM	7.845	173	15202	3.93	UG/L		98
79)	ISOPROPYLBENZENE	8.049	105	86351	4.19	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	7006	3.38	UG/L	#	78
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	26076	4.17	UG/L		93
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	5158	1.54	UG/L		91
83)	BROMOBENZENE	8.300	77	43989	4.60	UG/L		98
84)	1,2,3-TRICHLOROPROPANE	8.381	75	19034	3.34	UG/L		97
85)	N-PROPYLBENZENE	8.451	91	120562	3.83	UG/L		99
86)	2-CHLOROT0LUENE	8.509	91	95962	4.88	UG/L		99
87)	1,3,5-TRIMETHYLBENZENE	8.635	105	85235	4.59	UG/L		98
88)	4-CHLOROTOLUENE	8.623	91	85995	4.52	UG/L		98
90)	TERT-BUTYLBENZENE	8.944	119	71551	5.25	UG/L		98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	81436	4.73	UG/L		98
92)	SEC-BUTYLBENZENE	9.162	105	95653	5.18	UG/L		99
93)	1,3-DICHLOROBENZENE	9.237	146	50152	5.03	UG/L		100
94)	P-ISOPROPYLTOLUENE	9.315	119	80395	5.41	UG/L		99
95)	1,4-DICHLOROBENZENE	9.329	146	51146	5.02	UG/L		95
96)	N-BUTYLBENZENE	9.719	91	68458	5.01	UG/L		98
97)	1,2-DICHLOROBENZENE	9.686	146	47669	5.16	UG/L		99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	3289	3.17	UG/L		96
99)	1,3,5-TRICHLOROBENZENE	10.668	180	29599	4.82	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.267	180	19218	5.32	UG/L		99
101)	HEXACHLOROBUTADIENE	11.459	225	13232	6.61	UG/L		98
102)	NAPHTHALENE	11.499	128	21558	3.28	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	12817	3.59	UG/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341009.D Vial: 9
Acq On : 7 Dec 2011 3:13 pm Operator:
Sample : 8260 STD 5.0 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:16:35 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	335223	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	361786	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	168011	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	169748	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	154508	23.47	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.88%				
49) TOLUENE SS	5.609	98	346308	24.51	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.04%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	134122	22.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.76%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66460	8.22	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	81395	7.28	UG/L		98
5) CHLOROMETHANE	0.952	50	61230	5.83	UG/L		98
6) VINYL CHLORIDE	1.002	62	73898	7.01	UG/L		99
7) BROMOMETHANE	1.150	94	48375	8.37	UG/L		95
8) CHLOROETHANE	1.194	64	39913	6.38	UG/L		99
9) FLUORODICHLOROMETHANE	1.284	67	131059	8.29	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.312	101	103069	8.20	UG/L		96
11) ETHANOL	1.401	45	4682m	15.22	UG/L		
12) DI ETHYL ETHER	1.451	59	52539	8.33	UG/L		94
13) ACROLEIN	1.518	56	39488	72.38	UG/L		98
14) ACETONE	1.602	43	153987	66.09	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	106247	8.16	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	58771	8.16	UG/L		99
17) IODOMETHANE	1.657	142	953115	85.31	UG/L	#	100
20) METHYL ACETATE	1.786	43	127927	6.95	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	44974	74.31	UG/L	#	96
22) ACRYLONITRILE	2.011	53	25597	7.73	UG/L		100
23) METHYLENE CHLORIDE	1.847	49	105698	6.61	UG/L		88
24) CARBON DISULFIDE	1.694	76	1715357	79.17	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	186508	8.64	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	105484	8.69	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	123167	9.40	UG/L		98
28) VINYL ACETATE	2.377	43	1217146	87.98	UG/L	#	100
29) DI ISOPROYL ETHER	2.394	45	236932	9.23	UG/L		96
31) 2-BUTANONE	2.870	43	259731	89.94	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	211185	9.53	UG/L		98
33) CIS-1,2-DICHLOROETHENE	2.837	61	112367	10.03	UG/L		95
34) 2,2-DICHLOROPROPANE	2.831	77	65916	8.96	UG/L		95
35) ETHYL ACETATE	2.940	43	59327	9.15	UG/L	#	83
38) BROMOCHLOROMETHANE	3.080	49	59921	9.32	UG/L		87
39) TETRAHYDROFURAN	3.138	42	16485	8.19	UG/L	#	89
40) CHLOROFORM	3.174	83	118835	9.99	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	93636	9.60	UG/L		99
42) CYCLOHEXANE	3.389	56	107940	9.94	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	76267	9.60	UG/L		99
44) 1,1-DICHLOROPROPENE	3.520	75	83000	9.26	UG/L		98
45) BENZENE	3.724	78	229112	9.96	UG/L		97
47) T-AMYLMETHYL ETHER	3.872	73	130050	8.91	UG/L		95
50) 1,2-DICHLOROETHANE	3.757	62	92919	11.16	UG/L		99
51) TRICHLOROETHENE	4.387	95	49227	9.71	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	59222	9.62	UG/L		92
53) 1,2-DICHLOROPROPANE	4.613	63	44288	8.96	UG/L		98
54) DIBROMOMETHANE	4.722	93	30200	9.59	UG/L		97
56) 1,4-DIOXANE	4.778	88	3477m	56.19	UG/L		

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	62372	9.37	UG/L	98
58)	2-CHLOROETHYLVINYLETHER	5.244	63	254036	93.12	UG/L	94
59)	MIBK	5.542	43	375300	82.81	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	60584	9.08	UG/L	100
61)	TOLUENE	5.670	91	192432	10.17	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	47659	9.75	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	45150	9.48	UG/L	91
64)	1,1,2-TRICHLOROETHANE	6.091	97	40886	10.02	UG/L	99
65)	2-HEXANONE	6.370	43	247397	88.98	UG/L	96
66)	TETRACHLOROETHENE	6.194	166	48878	9.65	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	66625	9.90	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	47945	9.88	UG/L	100
69)	1,2-DIBROMOETHANE	6.549	107	42043	9.79	UG/L	100
72)	CHLOROBENZENE	7.042	112	121996	9.79	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	41582	10.01	UG/L	96
74)	ETHYLBENZENE	7.170	91	209520	10.25	UG/L	98
75)	M/P-XYLENES	7.288	91	366878	22.96	UG/L	98
76)	0-XYLENE	7.672	91	169447	9.82	UG/L	98
77)	STYRENE	7.689	104	136752	9.83	UG/L	99
78)	BROMOFORM	7.845	173	30955	7.59	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	166680	8.59	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	12716	5.83	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.364	83	50164	8.15	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	11522	5.70	UG/L	97
83)	BROMOBENZENE	8.305	77	76292	8.32	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	36924	6.08	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	222953	6.60	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	140331	6.82	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	160565	8.99	UG/L	98
88)	4-CHLOROTOLUENE	8.623	91	159999	9.05	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	127506	9.55	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	161452	9.56	UG/L	99
92)	SEC-BUTYLBENZENE	9.164	105	180983	10.00	UG/L	96
93)	1,3-DICHLOROBENZENE	9.242	146	98558	10.09	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	152141	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.332	146	97392	9.76	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	153271	11.96	UG/L	98
97)	1,2-DICHLOROBENZENE	9.689	146	113983	12.58	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	6950	8.26	UG/L	94
99)	1,3,5-TRICHLOROBENZENE	10.665	180	73114	12.65	UG/L	93
100)	1,2,4-TRICHLOROBENZENE	11.270	180	40944	9.73	UG/L	99
101)	HEXACHLOROBUTADIENE	11.457	225	22921	11.69	UG/L	98
102)	NAPHTHALENE	11.498	128	61173	7.05	UG/L	98
103)	1,2,3-TRICHLOROBENZENE	11.741	180	35296	8.83	UG/L	99

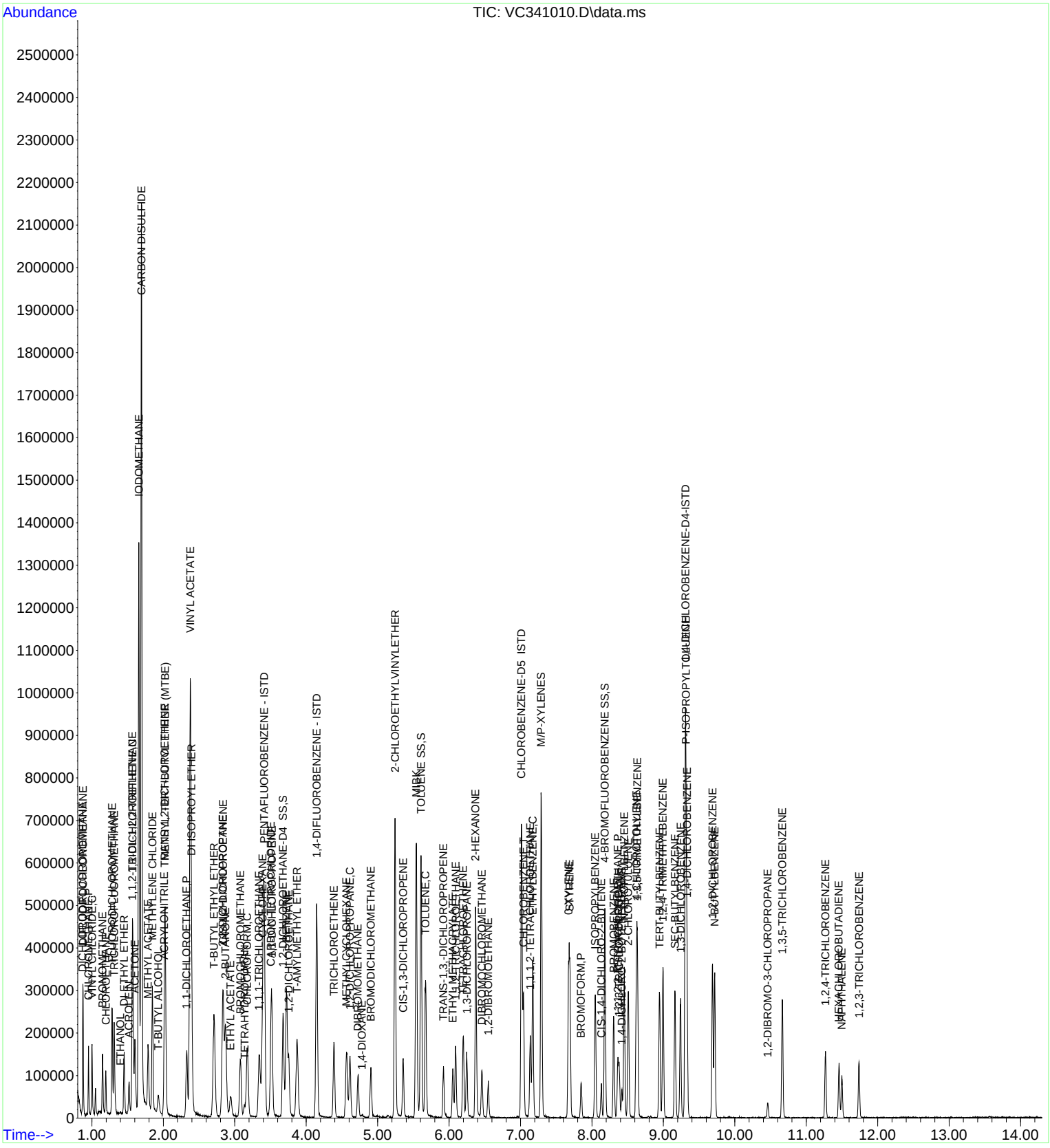
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341010.D Vial: 10
Acq On : 7 Dec 2011 3:43 pm Operator:
Sample : 8260 STD 10 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:20:14 2011

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Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	239743	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	331079	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	231398	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	178430	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	108647	23.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.32%				
49) TOLUENE SS	5.609	98	335299	25.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	131648	16.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 65.40%#				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	124169	21.47	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	159544	19.95	UG/L		98
5) CHLOROMETHANE	0.952	50	121877	16.23	UG/L		99
6) VINYL CHLORIDE	0.999	62	138816	18.42	UG/L		100
7) BROMOMETHANE	1.147	94	88747	23.26	UG/L		99
8) CHLOROETHANE	1.192	64	78214	17.49	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	261162	23.10	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.309	101	206701	22.98	UG/L		97
11) ETHANOL	1.403	45	8977	257.16	UG/L	#	62
12) DI ETHYL ETHER	1.448	59	101246	22.44	UG/L		94
13) ACROLEIN	1.518	56	80857	207.22	UG/L		100
14) ACETONE	1.601	43	296843	178.15	UG/L		94
15) 1,1-DICHLOROETHENE	1.571	61	213279	22.91	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	116061	22.53	UG/L		99
17) IODOMETHANE	1.654	142	2090446	265.44	UG/L	#	100
20) METHYL ACETATE	1.786	43	239500	18.20	UG/L		94
21) T-BUTYL ALCOHOL	1.931	59	89996	207.93	UG/L	#	95
22) ACRYLONITRILE	2.006	53	50950	21.52	UG/L		95
23) METHYLENE CHLORIDE	1.844	49	191922	23.16	UG/L		88
24) CARBON DISULFIDE	1.691	76	3529503	227.78	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	354471	22.97	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	205602	23.70	UG/L		95
27) 1,1-DICHLOROETHANE	2.324	63	236986	28.53	UG/L		100
28) VINYL ACETATE	2.377	43	2092607	211.50	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	387065	21.09	UG/L		92
31) 2-BUTANONE	2.868	43	336434	162.89	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	287579	18.15	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	155009	19.35	UG/L		93
34) 2,2-DICHLOROPROPANE	2.831	77	99732	18.95	UG/L		96
35) ETHYL ACETATE	2.940	43	73715	16.32	UG/L	#	89
38) BROMOCHLOROMETHANE	3.079	49	80408	17.49	UG/L	#	82
39) TETRAHYDROFURAN	3.132	42	19529	13.57	UG/L	#	81
40) CHLOROFORM	3.171	83	169308	19.89	UG/L		97
41) 1,1,1-TRICHLOROETHANE	3.342	97	142672	20.45	UG/L		99
42) CYCLOHEXANE	3.392	56	142291	18.32	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	119841	21.10	UG/L		100
44) 1,1-DICHLOROPROPENE	3.514	75	126589	21.09	UG/L		98
45) BENZENE	3.724	78	340384	20.70	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	211805	20.29	UG/L		98
50) 1,2-DICHLOROETHANE	3.754	62	137524	18.05	UG/L		98
51) TRICHLOROETHENE	4.387	95	95330	20.55	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	117039	20.78	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	89811	19.86	UG/L		99
54) DIBROMOMETHANE	4.725	93	59375	20.61	UG/L		94
56) 1,4-DIOXANE	4.783	88	6627m	179.43	UG/L		

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

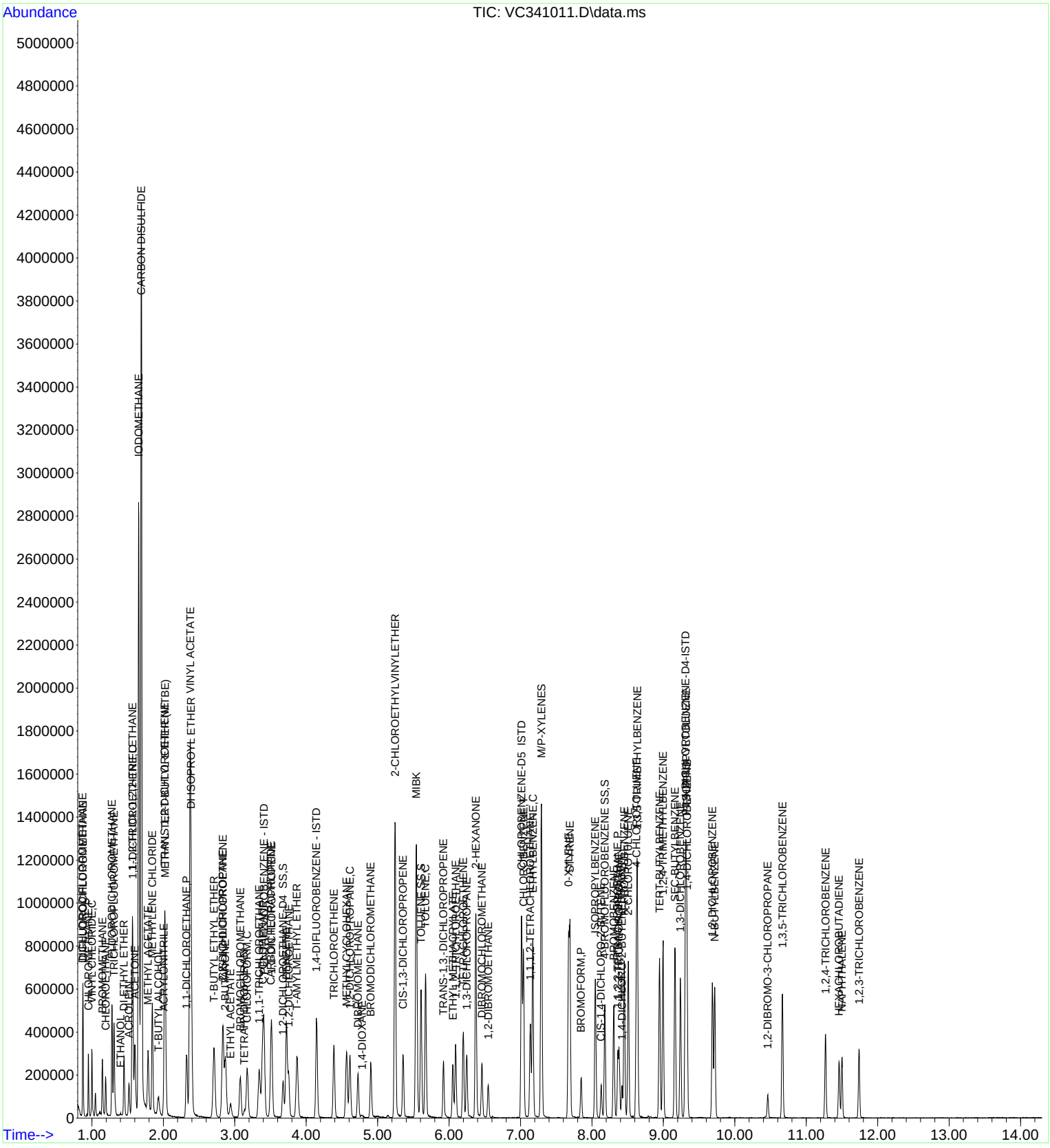
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	133646	21.93	UG/L	100
58)	2-CHLOROETHYLVINYLETHER	5.243	63	519868	208.24	UG/L	94
59)	MIBK	5.542	43	742311	178.99	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	132415	21.67	UG/L	99
61)	TOLUENE	5.670	91	391022	22.57	UG/L	98
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	109224	24.42	UG/L	100
63)	ETHYL METHACRYLATE	6.055	69	96366	22.11	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	83499	22.35	UG/L	96
65)	2-HEXANONE	6.376	43	508490	199.84	UG/L	93
66)	TETRACHLOROETHENE	6.200	166	102050	22.01	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	135155	21.95	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	105222	23.69	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	83629	21.28	UG/L	100
72)	CHLOROBENZENE	7.042	112	331284	19.30	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	101872	17.80	UG/L	99
74)	ETHYLBENZENE	7.173	91	490444	17.43	UG/L	100
75)	M/P-XYLENES	7.293	91	728157	33.09	UG/L	99
76)	0-XYLENE	7.672	91	385983	16.24	UG/L	100
77)	STYRENE	7.692	104	315376	16.46	UG/L	99
78)	BROMOFORM	7.848	173	75209	13.16	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	378591	14.62	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	28515	9.32	UG/L	90
81)	1,1,2,2-TETRACHLOROETHANE	8.358	83	113664	13.59	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	26550	10.83	UG/L	99
83)	BROMOBENZENE	8.305	77	169015	13.79	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.378	75	86845	10.15	UG/L	99
85)	N-PROPYLBENZENE	8.453	91	485313	10.17	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	339828	11.66	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	389428	16.27	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	366493	15.67	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	308921	22.01	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	362361	20.42	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	493931	25.95	UG/L	99
93)	1,3-DICHLOROBENZENE	9.237	146	222393	21.66	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.320	119	333510	21.81	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	214985	20.49	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	286797	21.60	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	220533	23.16	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	19413	24.00	UG/L	95
99)	1,3,5-TRICHLOROBENZENE	10.667	180	159154	26.56	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.272	180	103744	21.23	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	47563	23.07	UG/L	95
102)	NAPHTHALENE	11.501	128	179626	17.38	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	83331	18.97	UG/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341011.D Vial: 11
Acq On : 7 Dec 2011 4:13 pm Operator:
Sample : 8260 STD 20 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:22:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	253600	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	340519	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	235626	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	259954	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	118765	23.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.40%				
49) TOLUENE SS	5.609	98	364966	27.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.76%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	154002	18.79	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 75.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.874	85	290348	47.46	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.876	51	397663	47.00	UG/L		97
5) CHLOROMETHANE	0.952	50	315235	39.68	UG/L		97
6) VINYL CHLORIDE	1.002	62	387164	48.56	UG/L		99
7) BROMOMETHANE	1.150	94	262531	67.11	UG/L		97
8) CHLOROETHANE	1.194	64	213738	45.18	UG/L		98
9) FLUORODICHLOROMETHANE	1.284	67	686377	57.39	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	518573	54.50	UG/L		99
12) DI ETHYL ETHER	1.451	59	252216	52.83	UG/L		93
13) ACROLEIN	1.518	56	207863	503.60	UG/L		98
14) ACETONE	1.601	43	758717	430.45	UG/L		96
15) 1,1-DICHLOROETHENE	1.571	61	529850	53.80	UG/L		98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	292385	53.65	UG/L		99
17) IODOMETHANE	1.657	142	5510817	664.27	UG/L	#	100
20) METHYL ACETATE	1.788	43	603876	43.38	UG/L		94
21) T-BUTYL ALCOHOL	1.928	59	225737	493.05	UG/L	#	99
22) ACRYLONITRILE	2.009	53	113409	45.28	UG/L		98
23) METHYLENE CHLORIDE	1.847	49	456618	57.27	UG/L		88
24) CARBON DISULFIDE	1.693	76	8639732	527.11	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	823834	50.47	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.023	61	456155	49.70	UG/L		93
27) 1,1-DICHLOROETHANE	2.329	63	415289	48.53	UG/L		99
28) VINYL ACETATE	2.380	43	4133132	394.92	UG/L	#	100
29) DI ISOPROYL ETHER	2.393	45	744150	38.34	UG/L	#	90
31) 2-BUTANONE	2.870	43	834254	381.85	UG/L		94
32) T-BUTYL ETHYL ETHER	2.709	59	697535	41.61	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	374013	44.15	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	258992	46.52	UG/L		100
35) ETHYL ACETATE	2.946	43	157961	33.64	UG/L	#	97
38) BROMOCHLOROMETHANE	3.082	49	204164	41.98	UG/L	#	83
39) TETRAHYDROFURAN	3.132	42	52455	34.45	UG/L	#	86
40) CHLOROFORM	3.177	83	435044	48.32	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	383958	52.03	UG/L		98
42) CYCLOHEXANE	3.395	56	362794	44.15	UG/L		91
43) CARBON TETRACHLORIDE	3.509	117	321674	53.55	UG/L		98
44) 1,1-DICHLOROPROPENE	3.517	75	320899	52.21	UG/L		99
45) BENZENE	3.724	78	934695	53.73	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	568162	51.46	UG/L		99
50) 1,2-DICHLOROETHANE	3.754	62	382482	48.81	UG/L		100
51) TRICHLOROETHENE	4.390	95	261487	54.81	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	331364	57.20	UG/L		93
53) 1,2-DICHLOROPROPANE	4.613	63	251965	54.17	UG/L		98
54) DIBROMOMETHANE	4.728	93	164778	55.61	UG/L		97
56) 1,4-DIOXANE	4.783	88	17789m	561.09	UG/L		
57) BROMODICHLOROMETHANE	4.906	83	383185	61.14	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

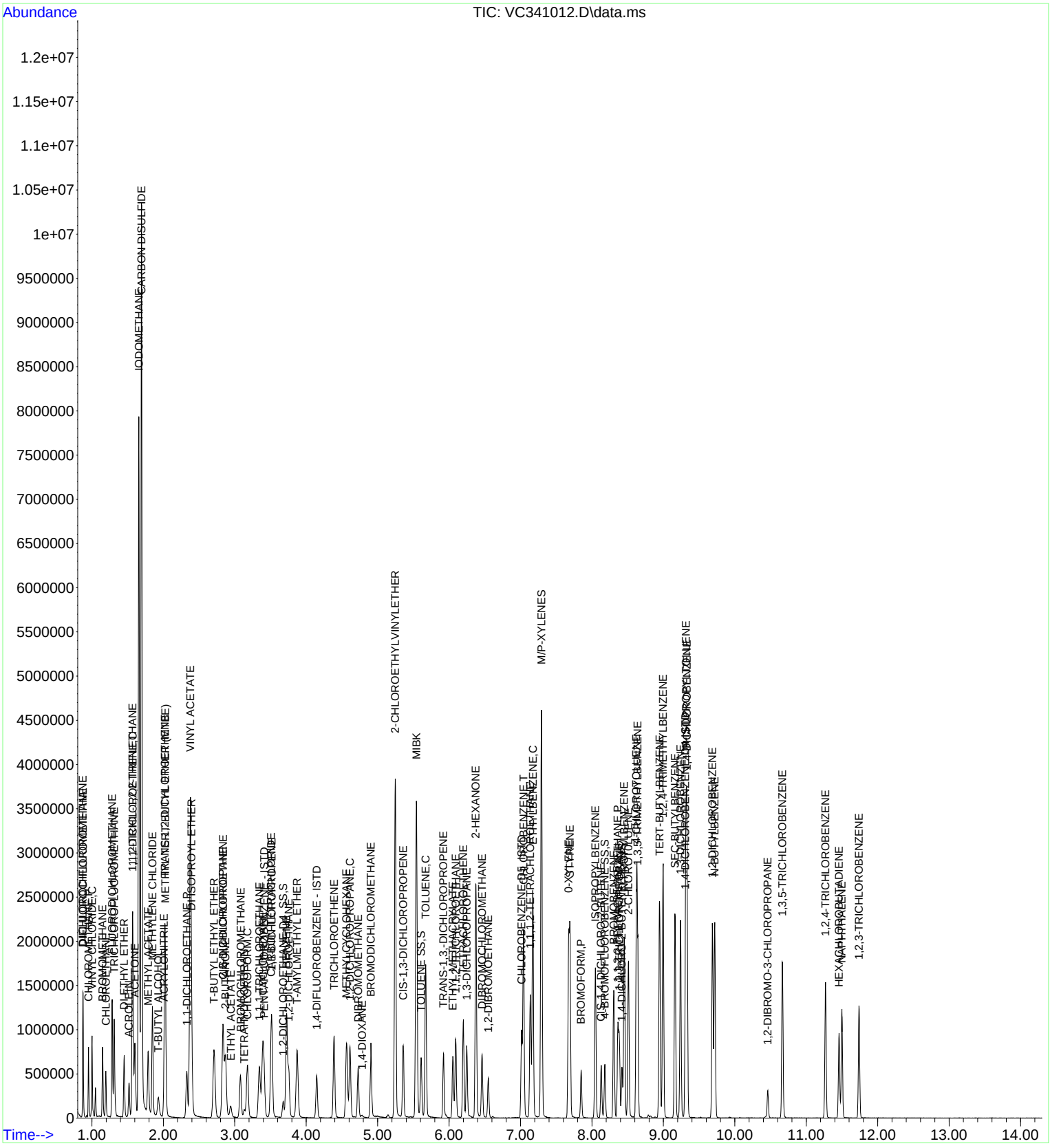
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.246	63	1434134	558.53	UG/L	93
59)	MIBK	5.545	43	2107851	494.16	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	380341	60.53	UG/L	99
61)	TOLUENE	5.673	91	1033903	58.03	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	303524	65.97	UG/L	98
63)	ETHYL METHACRYLATE	6.052	69	285358	63.64	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.091	97	226232	58.89	UG/L	99
65)	2-HEXANONE	6.373	43	1457360	556.88	UG/L	95
66)	TETRACHLOROETHENE	6.200	166	273504	57.34	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	361869	57.15	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.462	129	304358	66.64	UG/L	99
69)	1,2-DIBROMOETHANE	6.549	107	234666	58.06	UG/L	99
72)	CHLOROBENZENE	7.042	112	935701	53.55	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	333249	57.18	UG/L	98
74)	ETHYLBENZENE	7.173	91	1565945	54.65	UG/L	99
75)	M/P-XYLENES	7.293	91	2274158	101.49	UG/L	100
76)	0-XYLENE	7.672	91	949910	39.24	UG/L	100
77)	STYRENE	7.692	104	780174	40.00	UG/L	100
78)	BROMOFORM	7.848	173	197931	33.57	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	953251	37.20	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.127	53	108621	34.16	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	397447	47.38	UG/L	98
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	104720	47.54	UG/L	96
83)	BROMOBENZENE	8.305	77	470570	38.89	UG/L	100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	297228	33.31	UG/L	98
85)	N-PROPYLBENZENE	8.450	91	1461279	29.20	UG/L	100
86)	2-CHLOROT0LUENE	8.512	91	837389	27.61	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1004294	42.08	UG/L	99
88)	4-CHLOROTOLUENE	8.620	91	1050906	45.81	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	1038769	50.80	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1311896	50.75	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	1412416	50.94	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	745529	49.83	UG/L	98
94)	P-ISOPROPYLTOLUENE	9.318	119	1191839	53.50	UG/L	99
95)	1,4-DICHLOROBENZENE	9.329	146	775220	50.71	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	1047148	54.71	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	735254	53.00	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	58261	50.76	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.665	180	485614	55.99	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	399197	53.50	UG/L	99
101)	HEXACHLOROBUTADIENE	11.459	225	164356	54.72	UG/L	100
102)	NAPHTHALENE	11.498	128	793281	50.05	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	330815	50.49	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341012.D Vial: 12
Acq On : 7 Dec 2011 4:44 pm Operator:
Sample : 8260 STD 50 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:25:01 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	231667	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.147	114	330039	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.017	82	163361	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.312	152	204134	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.679	65	106209	23.34	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.36%				
49) TOLUENE SS	5.612	98	333954	25.91	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%				
71) 4-BROMOFLUOROBENZENE SS	8.183	95	133818	23.54	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.16%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	521637	93.35	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	740837	95.85	UG/L		97
5) CHLOROMETHANE	0.952	50	700450	96.51	UG/L		99
6) VINYL CHLORIDE	0.999	62	812838	111.60	UG/L		100
7) BROMOMETHANE	1.147	94	530064	149.71	UG/L		98
8) CHLOROETHANE	1.192	64	410938	95.08	UG/L		98
9) FLUORODICHLOROMETHANE	1.281	67	1327703	121.52	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.309	101	1027601	118.23	UG/L		98
12) DI ETHYL ETHER	1.448	59	535147	122.72	UG/L		93
13) ACROLEIN	1.521	56	425013	1127.19	UG/L		99
14) ACETONE	1.601	43	1729817	1074.31	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	1061455	117.99	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	596569	119.82	UG/L		100
17) IODOMETHANE	1.654	142	11051088	1460.39	UG/L	#	100
20) METHYL ACETATE	1.788	43	1334332	104.94	UG/L		96
21) T-BUTYL ALCOHOL	1.933	59	603470	1442.88	UG/L	#	99
22) ACRYLONITRILE	2.011	53	223145	97.53	UG/L		97
23) METHYLENE CHLORIDE	1.847	49	915488	130.64	UG/L		87
24) CARBON DISULFIDE	1.688	76	13103071m	875.11	UG/L		
25) METHYL TERT-BUTYL ETHE...	2.028	73	1569407	105.25	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	819580	97.75	UG/L		93
27) 1,1-DICHLOROETHANE	2.326	63	792590	103.49	UG/L		99
28) VINYL ACETATE	2.380	43	8177945	855.38	UG/L	#	100
29) DI ISOPROYL ETHER	2.396	45	1396647	78.76	UG/L	#	89
31) 2-BUTANONE	2.870	43	1768317	886.01	UG/L		93
32) T-BUTYL ETHYL ETHER	2.709	59	1355407	88.51	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	708096	91.50	UG/L		92
34) 2,2-DICHLOROPROPANE	2.834	77	509480	100.17	UG/L		100
35) ETHYL ACETATE	2.946	43	346429	81.58	UG/L	#	98
38) BROMOCHLOROMETHANE	3.079	49	364614	82.06	UG/L	#	80
39) TETRAHYDROFURAN	3.132	42	105268	75.68	UG/L	#	81
40) CHLOROFORM	3.174	83	775505	94.29	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.342	97	723163	107.27	UG/L		98
42) CYCLOHEXANE	3.392	56	677584	90.26	UG/L		93
43) CARBON TETRACHLORIDE	3.509	117	626879	114.23	UG/L		100
44) 1,1-DICHLOROPROPENE	3.517	75	599772	108.07	UG/L		98
45) BENZENE	3.724	78	1707185	107.42	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	1158916	114.89	UG/L		100
50) 1,2-DICHLOROETHANE	3.754	62	723004	95.20	UG/L		99
51) TRICHLOROETHENE	4.393	95	490868	106.15	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	632117	112.59	UG/L		91
53) 1,2-DICHLOROPROPANE	4.613	63	472494	104.80	UG/L		98
54) DIBROMOMETHANE	4.725	93	315228	109.77	UG/L		97
56) 1,4-DIOXANE	4.781	88	37846	1300.52	UG/L		96
57) BROMODICHLOROMETHANE	4.906	83	713744	117.51	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

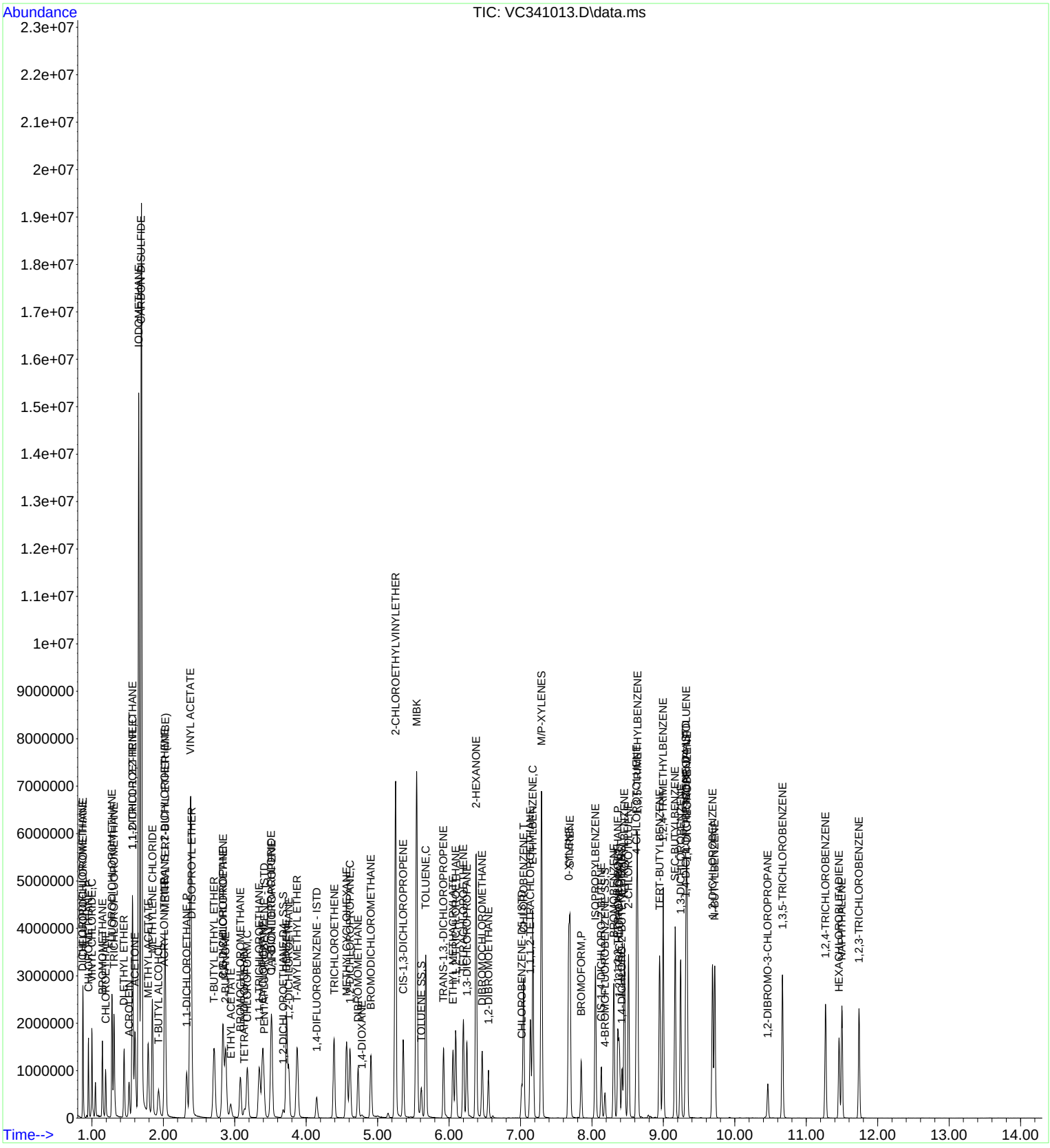
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.252	63	2842310	1142.11	UG/L		93
59)	MIBK	5.547	43	4316698	1044.14	UG/L	#	95
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	725202	119.08	UG/L		98
61)	TOLUENE	5.673	91	1999091	115.76	UG/L		99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	616216	138.18	UG/L		97
63)	ETHYL METHACRYLATE	6.055	69	572866	131.82	UG/L		89
64)	1,1,2-TRICHLOROETHANE	6.091	97	450190	120.90	UG/L		98
65)	2-HEXANONE	6.378	43	3054037	1204.06	UG/L		94
66)	TETRACHLOROETHENE	6.200	166	523592	113.26	UG/L		99
67)	1,3-DICHLOROPROPANE	6.250	76	712842	116.15	UG/L		100
68)	DIBROMOCHLOROMETHANE	6.462	129	593235	134.01	UG/L		99
69)	1,2-DIBROMOETHANE	6.551	107	469668	119.90	UG/L		100
72)	CHLOROBENZENE	7.042	112	1317911	108.78	UG/L		99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	493961	122.26	UG/L		100
74)	ETHYLBENZENE	7.170	91	2382585	119.93	UG/L		100
75)	M/P-XYLENES	7.293	91	3438873	221.36	UG/L		99
76)	0-XYLENE	7.675	91	1840956	109.70	UG/L		100
77)	STYRENE	7.692	104	1505716	111.34	UG/L		99
78)	BROMOFORM	7.851	173	440051	107.01	UG/L		100
79)	ISOPROPYLBENZENE	8.049	105	1811836	103.23	UG/L		99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	184459	83.30	UG/L		97
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	706165	121.88	UG/L		100
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	179975	120.72	UG/L		99
83)	BROMOBENZENE	8.305	77	938698	113.17	UG/L		100
84)	1,2,3-TRICHLOROPROPANE	8.383	75	504826	81.13	UG/L		99
85)	N-PROPYLBENZENE	8.453	91	2518564	71.92	UG/L		99
86)	2-CHLOROT0LUENE	8.512	91	1583453	74.54	UG/L		100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	1990249	121.34	UG/L		100
88)	4-CHLOROTOLUENE	8.623	91	1887488	120.17	UG/L		100
90)	TERT-BUTYLBENZENE	8.947	119	1552894	96.70	UG/L		99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	1995508	98.30	UG/L		99
92)	SEC-BUTYLBENZENE	9.164	105	2308794	106.04	UG/L		100
93)	1,3-DICHLOROBENZENE	9.242	146	1136706	96.76	UG/L		99
94)	P-ISOPROPYLTOLUENE	9.320	119	1865249	106.63	UG/L		99
95)	1,4-DICHLOROBENZENE	9.334	146	1212842	101.02	UG/L		99
96)	N-BUTYLBENZENE	9.719	91	1497572	99.95	UG/L		100
97)	1,2-DICHLOROBENZENE	9.689	146	1093102	100.35	UG/L		100
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	137734	155.30	UG/L		98
99)	1,3,5-TRICHLOROBENZENE	10.667	180	812659	119.71	UG/L		100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	659474	110.81	UG/L		100
101)	HEXACHLOROBUTADIENE	11.459	225	291203	123.47	UG/L		99
102)	NAPHTHALENE	11.498	128	1523176	120.52	UG/L		99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	604393	116.55	UG/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341013.D Vial: 13
Acq On : 7 Dec 2011 5:14 pm Operator:
Sample : 8260 STD 100 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:29:22 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.411	168	383883	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.148	114	553491	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	270248	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	275794	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	183366	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
49) TOLUENE SS	5.614	98	561466	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	207829	22.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.40%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	831850	89.83	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.876	51	1207046	94.24	UG/L	97
5) CHLOROMETHANE	0.952	50	1044846	86.88	UG/L	100
6) VINYL CHLORIDE	1.002	62	1296771	107.44	UG/L	100
7) BROMOMETHANE	1.144	94	882095	150.36	UG/L	100
8) CHLOROETHANE	1.192	64	674969	94.25	UG/L	100
9) FLUORODICHLOROMETHANE	1.281	67	2245306	124.02	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.309	101	1785240	123.95	UG/L	100
12) DI ETHYL ETHER	1.451	59	901358	124.74	UG/L	94
13) ACROLEIN	1.521	56	797073	1275.73	UG/L	100
14) ACETONE	1.604	43	2773958	1039.67	UG/L	94
15) 1,1-DICHLOROETHENE	1.568	61	1836803	123.21	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	1059864	128.47	UG/L	100
17) IODOMETHANE	1.649	142	14271852m	1137.77	UG/L	
20) METHYL ACETATE	1.788	43	2193693	104.12	UG/L	95
21) T-BUTYL ALCOHOL	1.931	59	922264	1330.75	UG/L	98
22) ACRYLONITRILE	2.009	53	482980	127.39	UG/L	98
23) METHYLENE CHLORIDE	1.847	49	1598729	137.90	UG/L	89
24) CARBON DISULFIDE	1.685	76	15695199m	632.59	UG/L	
25) METHYL TERT-BUTYL ETHE...	2.028	73	3409299	137.98	UG/L	98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	1845481	132.83	UG/L	95
27) 1,1-DICHLOROETHANE	2.327	63	2260716	179.53	UG/L	99
28) VINYL ACETATE	2.374	43	18972095m	1197.55	UG/L	
29) DI ISOPROYL ETHER	2.396	45	4081386	138.90	UG/L	92
31) 2-BUTANONE	2.873	43	4976870	1504.87	UG/L	94
32) T-BUTYL ETHYL ETHER	2.711	59	4117667	162.28	UG/L	98
33) CIS-1,2-DICHLOROETHENE	2.837	61	2100884	163.82	UG/L	96
34) 2,2-DICHLOROPROPANE	2.834	77	1467133	174.07	UG/L	98
35) ETHYL ACETATE	2.943	43	967578	137.90	UG/L	95
38) BROMOCHLOROMETHANE	3.077	49	1113930	151.30	UG/L	90
39) TETRAHYDROFURAN	3.135	42	318126	138.02	UG/L	90
40) CHLOROFORM	3.177	83	2194149	160.99	UG/L	99
41) 1,1,1-TRICHLOROETHANE	3.347	97	1953902	174.90	UG/L	98
42) CYCLOHEXANE	3.392	56	2032918	163.43	UG/L	94
43) CARBON TETRACHLORIDE	3.509	117	1651110	181.57	UG/L	99
44) 1,1-DICHLOROPROPENE	3.520	75	1662644	181.59	UG/L	99
45) BENZENE	3.726	78	4575944	173.76	UG/L	97
47) T-AMYLMETHYL ETHER	3.874	73	2987177	178.72	UG/L	100
50) 1,2-DICHLOROETHANE	3.757	62	1842244	144.65	UG/L	98
51) TRICHLOROETHENE	4.390	95	1262300	162.77	UG/L	99
52) METHYLCYCLOHEXANE	4.569	83	1746234	185.46	UG/L	93
53) 1,2-DICHLOROPROPANE	4.613	63	1299561	171.87	UG/L	97
54) DIBROMOMETHANE	4.725	93	800325	166.18	UG/L	99
56) 1,4-DIOXANE	4.778	88	91003	1889.69	UG/L	91
57) BROMODICHLOROMETHANE	4.906	83	1796522	176.37	UG/L	99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

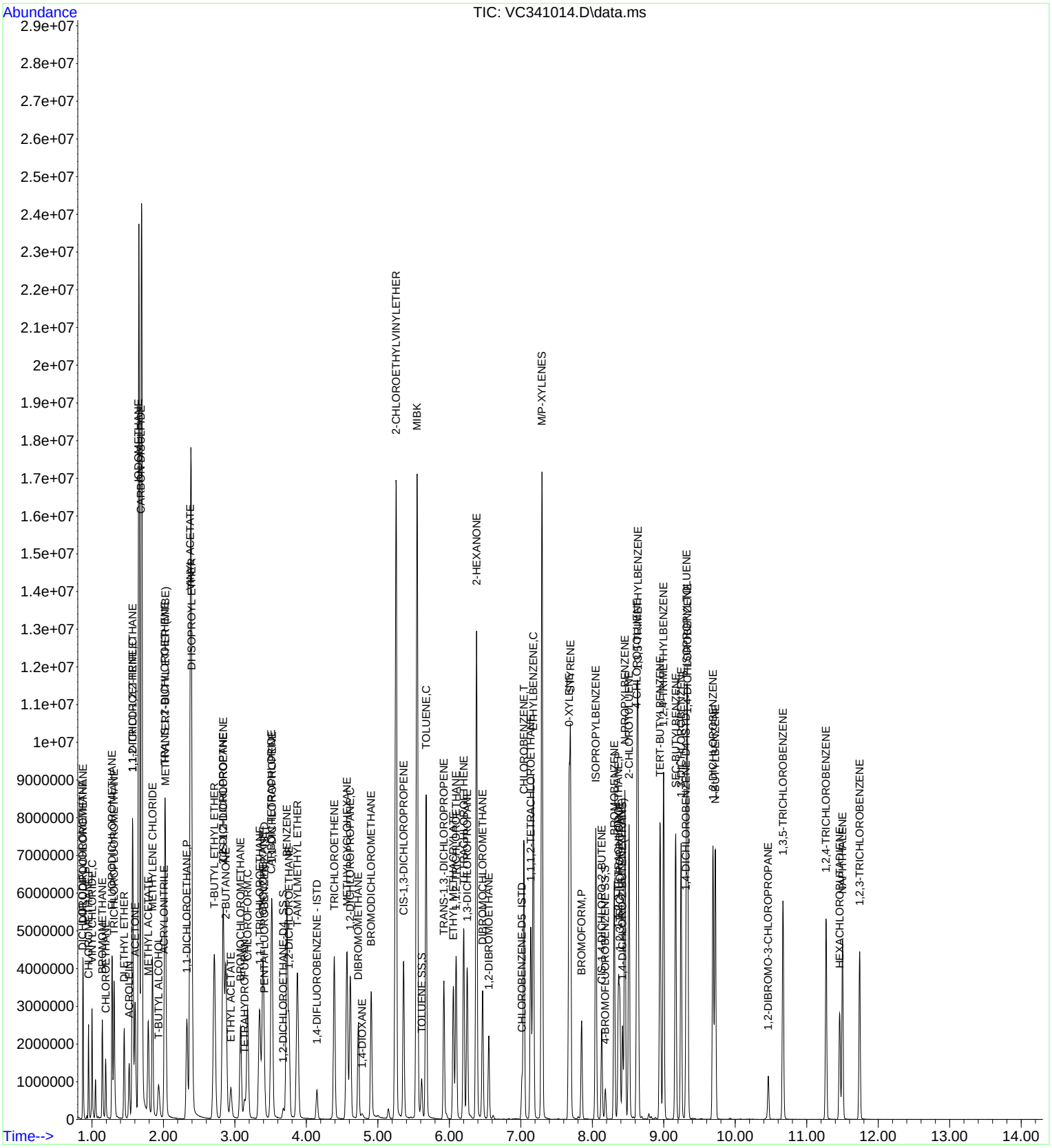
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58)	2-CHLOROETHYLVINYLETHER	5.255	63	7241807	1735.15	UG/L	91
59)	MIBK	5.547	43	10297668	1485.25	UG/L	95
60)	CIS-1,3-DICHLOROPROPENE	5.361	75	1895197	185.56	UG/L	100
61)	TOLUENE	5.676	91	5062894	174.81	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	1595003	213.27	UG/L	98
63)	ETHYL METHACRYLATE	6.055	69	1443636	198.09	UG/L	89
64)	1,1,2-TRICHLOROETHANE	6.094	97	1120391	179.42	UG/L	98
65)	2-HEXANONE	6.381	43	7172270	1686.10	UG/L	92
66)	TETRACHLOROETHENE	6.203	166	1261100	162.67	UG/L	99
67)	1,3-DICHLOROPROPANE	6.250	76	1833857	178.17	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.465	129	1458168	196.41	UG/L	100
69)	1,2-DIBROMOETHANE	6.551	107	1121573	170.73	UG/L	100
72)	CHLOROBENZENE	7.042	112	3241284	161.72	UG/L	100
73)	1,1,1,2-TETRACHLOROETHANE	7.140	131	1217776	182.19	UG/L	99
74)	ETHYLBENZENE	7.176	91	5637728	171.54	UG/L	100
75)	M/P-XYLENES	7.296	91	8517290	331.42	UG/L	99
76)	0-XYLENE	7.675	91	4393749	158.26	UG/L	100
77)	STYRENE	7.695	104	3639123	162.66	UG/L	98
78)	BROMOFORM	7.851	173	1004037	147.48	UG/L	99
79)	ISOPROPYLBENZENE	8.049	105	4474159	154.44	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.133	53	424284	115.72	UG/L	97
81)	1,1,2,2-TETRACHLOROETHANE	8.367	83	1402609	146.39	UG/L	100
82)	1,4-DICHLORO-2-BUTENE(...	8.423	53	411165	167.45	UG/L	97
83)	BROMOBENZENE	8.308	77	2066917	150.86	UG/L	98
84)	1,2,3-TRICHLOROPROPANE	8.386	75	1064064	103.27	UG/L	99
85)	N-PROPYLBENZENE	8.456	91	5951559	102.54	UG/L	99
86)	2-CHLOROT0LUENE	8.515	91	3682779	104.62	UG/L	99
87)	1,3,5-TRIMETHYLBENZENE	8.640	105	4214011	155.46	UG/L	100
88)	4-CHLOROTOLUENE	8.623	91	4179571	161.16	UG/L	100
90)	TERT-BUTYLBENZENE	8.947	119	3366030	155.15	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.997	105	4261215	155.37	UG/L	99
92)	SEC-BUTYLBENZENE	9.167	105	4584629	155.85	UG/L	99
93)	1,3-DICHLOROBENZENE	9.242	146	2472524	155.78	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.320	119	3864379	163.52	UG/L	100
95)	1,4-DICHLOROBENZENE	9.334	146	2531656	156.08	UG/L	99
96)	N-BUTYLBENZENE	9.722	91	3432975	169.87	UG/L	99
97)	1,2-DICHLOROBENZENE	9.689	146	2405212	163.43	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	225384	188.36	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	1605607	175.21	UG/L	99
100)	1,2,4-TRICHLOROBENZENE	11.270	180	1403401	173.64	UG/L	100
101)	HEXACHLOROBUTADIENE	11.462	225	512621	160.87	UG/L	99
102)	NAPHTHALENE	11.501	128	3053083	178.18	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	1181827	168.38	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\120711\VC341014.D Vial: 14
Acq On : 7 Dec 2011 5:44 pm Operator:
Sample : 8260 STD 200 PPB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 08 07:32:03 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1205W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Wed Dec 07 11:18:03 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	80.9	0.1614669	0.1305858		-19.1	20	
Acrylonitrile	A	10.0	8.58	0.2628468	0.2254492		-14.2	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	10.6	1.273677	1.356381		6.5	20	
Benzene	A	10.0	12.0	2.134214	2.564184		20.1	20	*
Bromobenzene	A	10.0	11.2	1.37381	1.540965		12.2	20	
Bromochloromethane	A	10.0	11.1	0.5012127	0.554113		10.6	20	
Bromodichloromethane	L	10.0	9.97	0.5645274	0.6284882		-0.3	20	
Bromoform	A	10.0	11.2	0.4866712	0.5433327		11.6	20	
Bromomethane	L	10.0	9.30	0.6502824	0.5487831		-7.0	20	
2-Butanone (MEK)	A	100	109	0.2092159	0.2270796		8.5	20	
tert-Butyl Alcohol (TBA)	A	100	94.5	4.223223E-02	3.989226E-02		-5.5	20	
n-Butylbenzene	L	10.0	10.3	2.024433	2.606645		3.1	20	
sec-Butylbenzene	A	10.0	10.9	3.255788	3.539101		8.7	20	
tert-Butylbenzene	A	10.0	11.0	2.321322	2.550741		9.9	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.5	1.753296	1.83771		4.8	20	
Carbon Disulfide	L	100	106	1.661109	2.097698		5.6	20	
Carbon Tetrachloride	A	10.0	11.6	0.6953856	0.8070038		16.1	20	
Chlorobenzene	A	10.0	11.2	2.236097	2.503572		12.0	20	
Chlorodibromomethane	A	10.0	12.7	0.372674	0.4736837		27.1	20	*
Chloroethane	A	10.0	9.18	0.4455245	0.4091253		-8.2	20	
Chloroform	A	10.0	11.8	1.024886	1.213938		18.4	20	
Chloromethane	A	10.0	10.0	0.7216897	0.7238534		0.3	20	
2-Chlorotoluene	A	10.0	12.0	2.358593	2.831123		20.0	20	
4-Chlorotoluene	A	10.0	11.4	2.778829	3.176726		14.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.28	0.1229792	0.1132243		-17.2	20	
1,2-Dibromoethane (EDB)	A	10.0	11.2	0.3621682	0.4067786		12.3	20	
Dibromomethane	A	10.0	11.4	0.2645882	0.300964		13.7	20	
1,2-Dichlorobenzene	A	10.0	10.9	1.65366	1.795191		8.6	20	
1,3-Dichlorobenzene	A	10.0	11.1	1.699502	1.883096		10.8	20	
1,4-Dichlorobenzene	A	10.0	11.0	1.730563	1.909002		10.3	20	
trans-1,4-Dichloro-2-butene	A	10.0	10.9	0.1768173	0.1927486		9.0	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	13.7	0.6822418	0.9322413		36.6	20	*
1,1-Dichloroethane	A	10.0	11.0	1.115459	1.221207		9.5	20	
1,2-Dichloroethane	A	10.0	10.5	0.6364561	0.6696052		5.2	20	
1,1-Dichloroethylene	L	10.0	8.12	1.071353	0.9719397		-18.8	20	
cis-1,2-Dichloroethylene	A	10.0	11.5	0.9550192	1.100521		15.2	20	
trans-1,2-Dichloroethylene	A	10.0	10.2	1.005576	1.021616		1.6	20	
1,2-Dichloropropane	A	10.0	11.3	0.4035074	0.4550626		12.8	20	
1,3-Dichloropropane	A	10.0	11.8	0.5752358	0.6774638		17.8	20	
2,2-Dichloropropane	A	10.0	12.3	0.5802999	0.713057		22.9	20	*
1,1-Dichloropropene	A	10.0	12.0	0.7645043	0.9173705		20.0	20	
cis-1,3-Dichloropropene	A	10.0	11.9	0.5083759	0.6056986		19.1	20	
trans-1,3-Dichloropropene	A	10.0	12.1	0.388793	0.4701783		20.9	20	*
Diethyl Ether	A	10.0	8.50	0.5148191	0.4377407		-15.0	20	
Diisopropyl Ether (DIPE)	A	10.0	9.47	1.968366	1.864435		-5.3	20	
1,4-Dioxane	A	100	121	3.036147E-03	3.665948E-03		20.7	20	*
Ethylbenzene	A	10.0	11.5	3.724122	4.285205		15.1	20	
Hexachlorobutadiene	L	10.0	11.3	0.3565245	0.4442306		12.6	20	
2-Hexanone (MBK)	A	100	110	0.200032	0.2197826		9.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.7	2.79466	3.272053		17.1	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	11.4	2.586133	2.939674		13.7	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.42	1.786272	1.682321		-5.8	20	
Methylene Chloride	A	10.0	8.98	1.15993	1.041714		-10.2	20	
4-Methyl-2-pentanone (MIBK)	A	100	104	0.3269849	0.3403685		4.1	20	
Naphthalene	L	10.0	9.34	1.319631	1.019869		-6.6	20	
n-Propylbenzene	A	10.0	12.0	3.72859	4.489964		20.4	20	*
Styrene	A	10.0	11.6	2.238429	2.592428		15.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.7555013	0.8200218		8.5	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.3	0.8842666	0.9977531		12.8	20	
Tetrachloroethylene	A	10.0	11.4	0.4403607	0.5004382		13.6	20	
Tetrahydrofuran	A	10.0	9.47	0.1368709	0.1296802		-5.3	20	
Toluene	A	10.0	11.3	1.715396	1.942611		13.2	20	
1,2,3-Trichlorobenzene	L	10.0	9.75	0.5966709	0.5703651		-2.5	20	
1,2,4-Trichlorobenzene	L	10.0	9.32	0.6405135	0.7310056		-6.8	20	
1,3,5-Trichlorobenzene	L	10.0	9.49	0.8922156	1.110307		-5.1	20	
1,1,1-Trichloroethane	A	10.0	11.8	0.8309621	0.9816101		18.1	20	
1,1,2-Trichloroethane	A	10.0	10.7	0.3744895	0.4009237		7.1	20	
Trichloroethylene	A	10.0	11.5	0.4215348	0.4848251		15.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.8	0.926608	1.005175		8.5	20	
1,2,3-Trichloropropane	A	10.0	10.9	0.6611642	0.7225629		9.3	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	L	10.0	8.66	0.5908211	0.575003		-13.4	20	
1,2,4-Trimethylbenzene	A	10.0	11.3	2.85258	3.231581		13.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA3	Calibration:	1100098
Lab File ID:	VC353004.D	Calibration Date:	12/07/11 00:00
Sequence:	S001578	Injection Date:	12/19/11
Lab Sample ID:	S001578-CCV1	Injection Time:	07:35

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.6	2.746335	3.179081		15.8	20
Vinyl Chloride	A	10.0	10.4	0.8369604	0.8691005		3.8	20
m+p Xylene	A	20.0	22.6	2.88165	3.260075		13.1	20
o-Xylene	A	10.0	11.7	2.832473	3.326582		17.4	20
1,2-Dichloroethane-d4	A	25.0	23.4	0.5631325	0.5282043		-6.2	
Toluene-d8	A	25.0	25.0	1.205274	1.206077		0.07	
4-Bromofluorobenzene	A	25.0	25.6	0.8849197	0.9080812		2.6	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353004.D Vial: 4
Acq On : 19 Dec 2011 7:35 am Operator:
Sample : 8260 STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:35:23 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	439589	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.142	114	633315	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.011	82	322228	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	317423	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	193494	23.45	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.80%				
49) TOLUENE SS	5.606	98	636522	25.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	243841	25.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.60%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	136601	13.66	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	142073	11.12	UG/L		100
5) CHLOROMETHANE	0.952	50	106066	10.03	UG/L		98
6) VINYL CHLORIDE	0.999	62	127349	10.38	UG/L		99
7) BROMOMETHANE	1.147	94	80413	9.30	UG/L		99
8) CHLOROETHANE	1.194	64	59949	9.18	UG/L		95
9) FLUORODICHLOROMETHANE	1.281	67	177314	8.03	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	147288	10.85	UG/L		100
11) ETHANOL	1.401	45	6757m	83.78	UG/L		
12) DI ETHYL ETHER	1.448	59	64142	8.50	UG/L		93
13) ACROLEIN	1.515	56	8346	24.62	UG/L		84
14) ACETONE	1.599	43	191347	80.87	UG/L		94
15) 1,1-DICHLOROETHENE	1.568	61	142418	8.12	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.565	101	84255	8.66	UG/L		99
17) IODOMETHANE	1.654	142	1461343	86.06	UG/L	#	100
20) METHYL ACETATE	1.786	43	218170	11.90	UG/L	#	90
21) T-BUTYL ALCOHOL	1.922	59	58454	94.46	UG/L	#	84
22) ACRYLONITRILE	2.009	53	33035	8.58	UG/L		97
23) METHYLENE CHLORIDE	1.844	49	152642	8.98	UG/L	#	81
24) CARBON DISULFIDE	1.691	76	3073750	105.65	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	246510	9.42	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	149697	10.16	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	178943	10.95	UG/L		99
28) VINYL ACETATE	2.374	43	1254194	70.91	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	273195	9.47	UG/L		95
31) 2-BUTANONE	2.868	43	332739	108.54	UG/L		94
32) T-BUTYL ETHYL ETHER	2.711	59	269279	10.48	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	161259	11.52	UG/L		93
34) 2,2-DICHLOROPROPANE	2.834	77	104484	12.29	UG/L		100
35) ETHYL ACETATE	2.943	43	25187	2.46	UG/L	#	85
38) BROMOCHLOROMETHANE	3.074	49	81194	11.06	UG/L		88
39) TETRAHYDROFURAN	3.132	42	19002	9.47	UG/L		95
40) CHLOROFORM	3.171	83	177878	11.84	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.339	97	143835	11.81	UG/L		100
42) CYCLOHEXANE	3.392	56	147348	11.26	UG/L		89
43) CARBON TETRACHLORIDE	3.509	117	118250	11.61	UG/L		99
44) 1,1-DICHLOROPROPENE	3.514	75	134422	12.00	UG/L		99
45) BENZENE	3.724	78	375729	12.01	UG/L		97
47) T-AMYLMETHYL ETHER	3.871	73	198750	10.65	UG/L		95
50) 1,2-DICHLOROETHANE	3.754	62	141357	10.52	UG/L		98
51) TRICHLOROETHENE	4.387	95	102349	11.50	UG/L		99
52) METHYLCYCLOHEXANE	4.566	83	126046	11.28	UG/L	#	87
53) 1,2-DICHLOROPROPANE	4.610	63	96066	11.28	UG/L	#	97
54) DIBROMOMETHANE	4.722	93	63535	11.37	UG/L		98
56) 1,4-DIOXANE	4.772	88	7739m	120.74	UG/L		

Data File : Y:\1\DATA\121911\VC353004.D Vial: 4
Acq On : 19 Dec 2011 7:35 am Operator:
Sample : 8260 STD 10PPB/BFB Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:35:23 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.900	83	132677	9.97	UG/L	99
59)	MIBK	5.539	43	718535	104.09	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	127866	11.91	UG/L	99
61)	TOLUENE	5.667	91	410095	11.32	UG/L	99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	99257	12.09	UG/L	99
63)	ETHYL METHACRYLATE	6.049	69	90105	9.21	UG/L	90
64)	1,1,2-TRICHLOROETHANE	6.091	97	84637	10.71	UG/L	98
65)	2-HEXANONE	6.373	43	463972	109.87	UG/L	95
66)	TETRACHLOROETHENE	6.197	166	105645	11.36	UG/L	100
67)	1,3-DICHLOROPROPANE	6.247	76	143016	11.78	UG/L	99
68)	DIBROMOCHLOROMETHANE	6.459	129	99997	12.71	UG/L	98
69)	1,2-DIBROMOETHANE	6.549	107	85873	11.23	UG/L	100
72)	CHLOROBENZENE	7.042	112	268907	11.20	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	88078	10.85	UG/L	99
74)	ETHYLBENZENE	7.170	91	460271	11.51	UG/L	99
75)	M/P-XYLENES	7.290	91	700325	22.63	UG/L	99
76)	0-XYLENE	7.672	91	357306	11.74	UG/L	100
77)	STYRENE	7.689	104	278451	11.58	UG/L	98
78)	BROMOFORM	7.848	173	58359	11.16	UG/L	98
79)	ISOPROPYLBENZENE	8.046	105	351449	11.71	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	22327	8.99	UG/L	84
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	107168	11.28	UG/L	97
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	20703	10.90	UG/L	92
83)	BROMOBENZENE	8.305	77	165514	11.22	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.383	75	77610	10.93	UG/L	98
85)	N-PROPYLBENZENE	8.453	91	482264	12.04	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	304089	12.00	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.637	105	341463	11.58	UG/L	99
88)	4-CHLOROTOLUENE	8.623	91	341210	11.43	UG/L	99
90)	TERT-BUTYLBENZENE	8.944	119	269888	10.99	UG/L	100
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	341926	11.33	UG/L	99
92)	SEC-BUTYLBENZENE	9.161	105	374464	10.87	UG/L	98
93)	1,3-DICHLOROBENZENE	9.240	146	199246	11.08	UG/L	100
94)	P-ISOPROPYLTOLUENE	9.318	119	311040	11.37	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	201987	11.03	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	275803	10.31	UG/L	99
97)	1,2-DICHLOROBENZENE	9.686	146	189945	10.86	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	11980	8.28	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.667	180	117479	9.49	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	77346	9.32	UG/L	98
101)	HEXACHLOROBUTADIENE	11.459	225	47003	11.26	UG/L	99
102)	NAPHTHALENE	11.501	128	107910	9.34	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	60349	9.75	UG/L	98

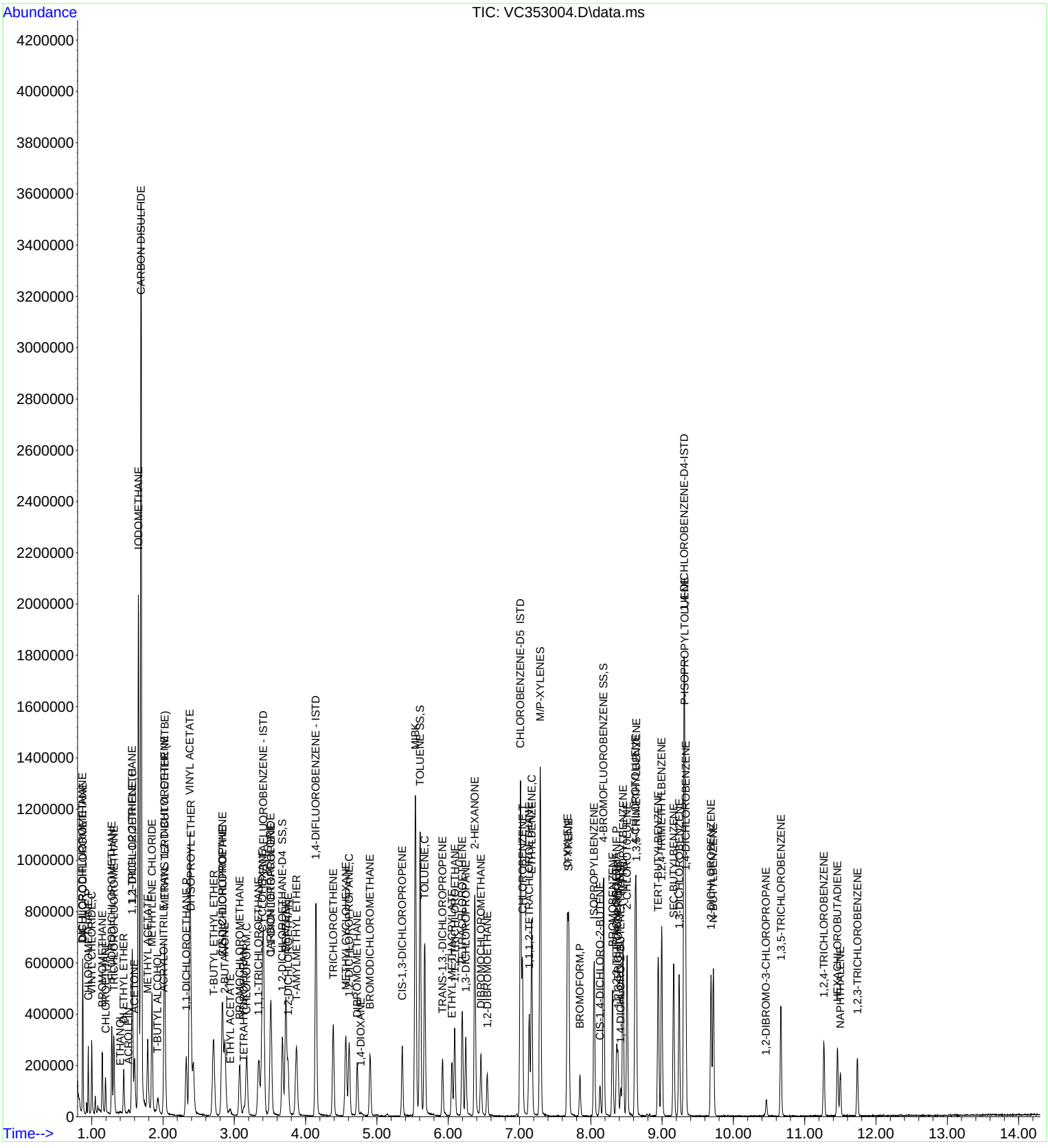
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353004.D
Acq On : 19 Dec 2011 7:35 am
Sample : 8260 STD 10PPB/BFB
Misc :
Quant Time: Dec 19 10:35:23 2011

Vial: 4
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001578-CCV1)			*Lab File ID: VC353004.D*			*Analyzed: 12/19/11 07:35*			
Pentafluorobenzene	439589	3.406	335223	3.411	131	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	633315	4.142	361786	4.148	175	50 - 200	-0.0060	+/-0.50	
Chlorobenzene-d5	322228	7.011	168011	7.012	192	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	317423	9.309	169748	9.309	187	50 - 200	0.0000	+/-0.50	
LCS (B043044-BS1)			*Lab File ID: VC353006.D*			*Analyzed: 12/19/11 08:39*			
Pentafluorobenzene	433088	3.41	439589	3.406	99	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	643586	4.14	633315	4.142	102	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	321287	7.01	322228	7.011	100	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	327729	9.31	317423	9.309	103	50 - 200	0.0010	+/-0.50	
LCS Dup (B043044-BSD1)			*Lab File ID: VC353007.D*			*Analyzed: 12/19/11 09:10*			
Pentafluorobenzene	466650	3.41	439589	3.406	106	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	679684	4.14	633315	4.142	107	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	342488	7.01	322228	7.011	106	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	352357	9.31	317423	9.309	111	50 - 200	0.0010	+/-0.50	
Blank (B043044-BLK1)			*Lab File ID: VC353009.D*			*Analyzed: 12/19/11 10:10*			
Pentafluorobenzene	442260	3.41	439589	3.406	101	50 - 200	0.0040	+/-0.50	
1,4-Difluorobenzene	637749	4.14	633315	4.142	101	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	319893	7.01	322228	7.011	99	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	302035	9.31	317423	9.309	95	50 - 200	0.0010	+/-0.50	
TB-120811 (11L0394-01)			*Lab File ID: VC353011.D*			*Analyzed: 12/19/11 11:12*			
Pentafluorobenzene	440786	3.409	439589	3.406	100	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	637793	4.145	633315	4.142	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	320534	7.014	322228	7.011	99	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	296522	9.307	317423	9.309	93	50 - 200	-0.0020	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
PW21-100 (11L0394-02)			*Lab File ID: VC353012.D*			*Analyzed: 12/19/11 11:42*			
Pentafluorobenzene	444894	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	661286	4.145	633315	4.142	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	329907	7.014	322228	7.011	102	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	309730	9.307	317423	9.309	98	50 - 200	-0.0020	+/-0.50	
PW21-125 (11L0394-03)			*Lab File ID: VC353013.D*			*Analyzed: 12/19/11 12:13*			
Pentafluorobenzene	431672	3.409	439589	3.406	98	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	636091	4.145	633315	4.142	100	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	319234	7.012	322228	7.011	99	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	304423	9.307	317423	9.309	96	50 - 200	-0.0020	+/-0.50	
PW21-150 (11L0394-04)			*Lab File ID: VC353014.D*			*Analyzed: 12/19/11 12:44*			
Pentafluorobenzene	442122	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	646148	4.145	633315	4.142	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	325072	7.011	322228	7.011	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	312000	9.306	317423	9.309	98	50 - 200	-0.0030	+/-0.50	
PW21-175 (11L0394-05)			*Lab File ID: VC353015.D*			*Analyzed: 12/19/11 13:15*			
Pentafluorobenzene	442275	3.411	439589	3.406	101	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	646974	4.145	633315	4.142	102	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	324013	7.012	322228	7.011	101	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	300553	9.309	317423	9.309	95	50 - 200	0.0000	+/-0.50	
Matrix Spike (B043044-MS1)			*Lab File ID: VC353016.D*			*Analyzed: 12/19/11 13:46*			
Pentafluorobenzene	447340	3.406	439589	3.406	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	658092	4.145	633315	4.142	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	333983	7.014	322228	7.011	104	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	341694	9.306	317423	9.309	108	50 - 200	-0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	11L0394
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001578	Instrument:	GCMSVOA3
		Calibration:	1100098

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Matrix Spike Dup (B043044-MSD1)			*Lab File ID: VC353017.D*			*Analyzed: 12/19/11 14:17*			
Pentafluorobenzene	423468	3.411	439589	3.406	96	50 - 200	0.0050	+/-0.50	
1,4-Difluorobenzene	606799	4.145	633315	4.142	96	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	309828	7.014	322228	7.011	96	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	314844	9.307	317423	9.309	99	50 - 200	-0.0020	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BLK1	File ID:	VC353009.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 10:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353009.D Vial: 9
Acq On : 19 Dec 2011 10:10 am Operator:
Sample : B0-BLK1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:56:25 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.409	168	442260	30.00	UG/L	0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	637749	30.00	UG/L	0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	319893	30.00	UG/L	0.00
89) 1,4-DICHLOROBENZENE-D4...	9.309	152	302035	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	3.674	65	198328	23.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.56%			
49) TOLUENE SS	5.606	98	643410	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.44%			
71) 4-BROMOFLUOROBENZENE SS	8.180	95	245338	26.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.00%			
Target Compounds						Qvalue
14) ACETONE	1.604	43	2465m	1.04	UG/L	
17) IODOMETHANE	1.669	142	6482	11.27	UG/L	# 100
35) ETHYL ACETATE	2.940	43	1207	Below Cal		# 68

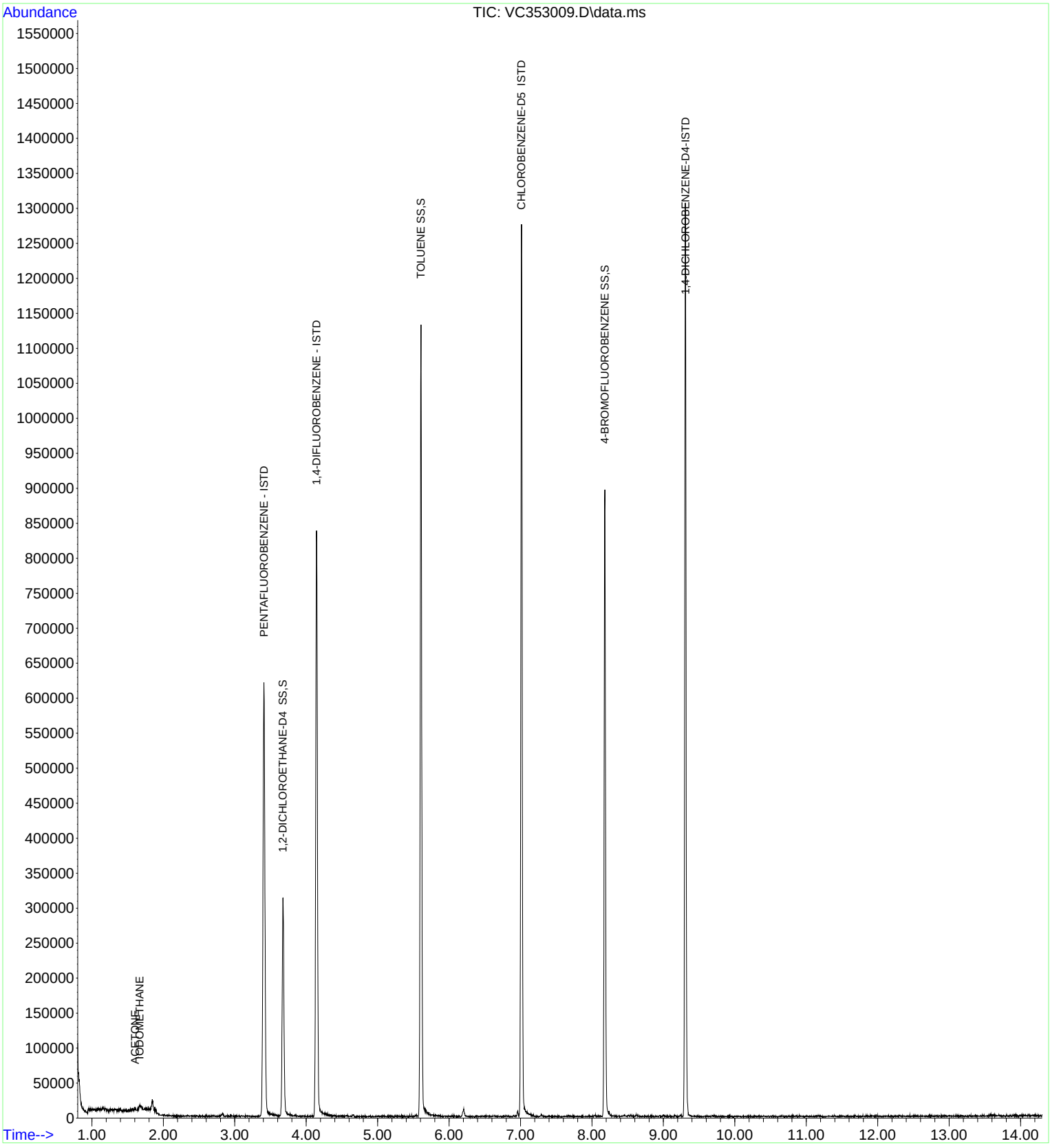
(#) = qualifier out of range (m) = manual integration (+) = signals summed

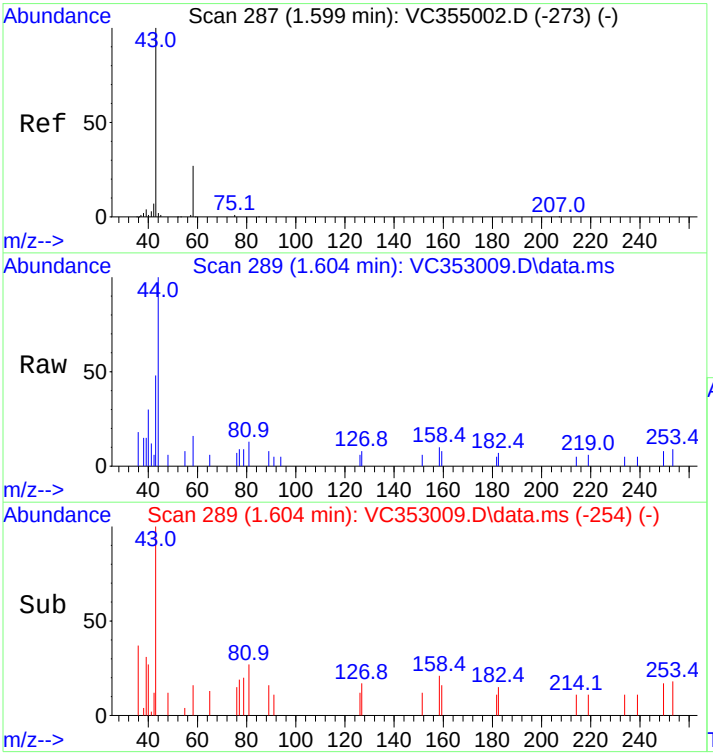
Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353009.D
Acq On : 19 Dec 2011 10:10 am
Sample : B0-BLK1
Misc :
Quant Time: Dec 19 14:56:25 2011

Vial: 9
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

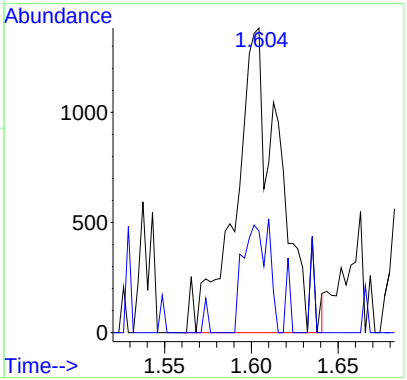


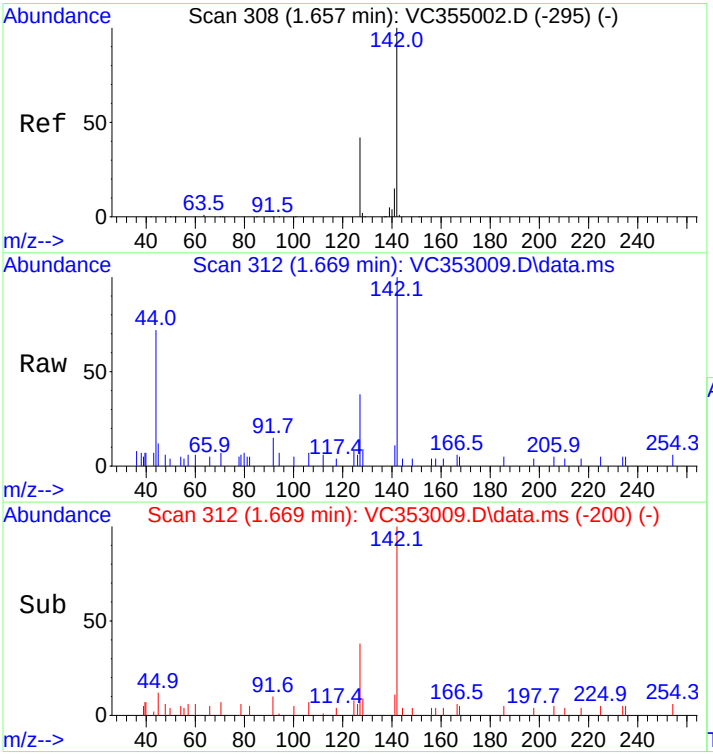


#14
ACETONE
Concen: 1.04 UG/L m
RT: 1.604 min Scan# 289
Delta R.T. 0.003 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion: 43 Resp: 2465

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.8	37.2#

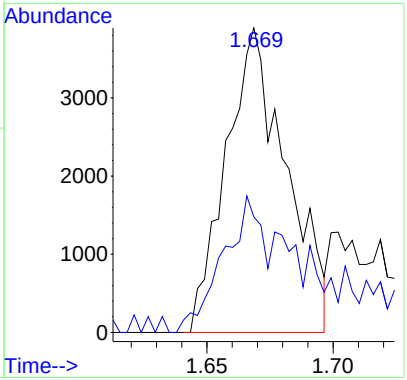


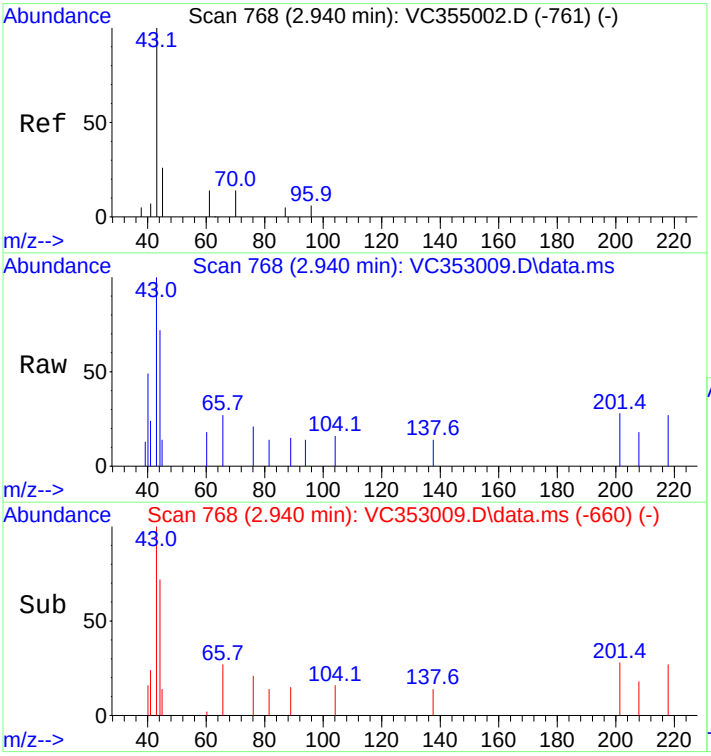


#17
IODOMETHANE
Concen: 11.27 UG/L
RT: 1.669 min Scan# 312
Delta R.T. 0.012 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion:142 Resp: 6482

Ion	Ratio	Lower	Upper
142	100		
127	29.4	0.0	0.0#

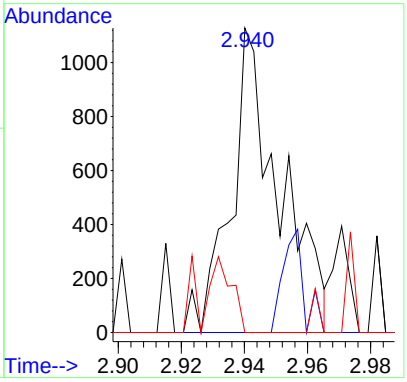




#35
ETHYL ACETATE
Concen: Below Cal
RT: 2.940 min Scan# 768
Delta R.T. 0.000 min
Lab File: VC353009.D
Acq: 19 Dec 2011 10:10 am

Tgt Ion: 43 Resp: 1207

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	7.0	10.4#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	88.2	0.54	50	
107-13-1	Acrylonitrile	9.09	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.4	0.11	0.50	
71-43-2	Benzene	12.6	0.050	1.0	V-20
108-86-1	Bromobenzene	11.4	0.10	1.0	
74-97-5	Bromochloromethane	11.0	0.10	1.0	
75-27-4	Bromodichloromethane	9.56	0.080	0.50	
75-25-2	Bromoform	12.0	0.25	1.0	
74-83-9	Bromomethane	5.81	0.38	2.0	
78-93-3	2-Butanone (MEK)	108	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	96.9	3.5	20	V-16
104-51-8	n-Butylbenzene	9.91	0.050	1.0	
135-98-8	sec-Butylbenzene	10.6	0.050	1.0	
98-06-6	tert-Butylbenzene	11.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.3	0.070	0.50	
75-15-0	Carbon Disulfide	14.1	0.050	4.0	L-07
56-23-5	Carbon Tetrachloride	11.8	0.090	5.0	
108-90-7	Chlorobenzene	11.6	0.050	1.0	
124-48-1	Chlorodibromomethane	12.4	0.12	0.50	V-20
75-00-3	Chloroethane	8.69	0.33	2.0	
67-66-3	Chloroform	12.5	0.040	2.0	
74-87-3	Chloromethane	8.68	0.13	2.0	
95-49-8	2-Chlorotoluene	12.2	0.050	1.0	
106-43-4	4-Chlorotoluene	11.9	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.94	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.8	0.14	0.50	

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Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.7	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.0	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.1	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.1	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.6	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	9.02	0.040	2.0	V-20
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.7	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.85	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	12.0	0.13	1.0	V-20
563-58-6	1,1-Dichloropropene	12.3	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.3	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	13.2	0.12	0.50	L-07, V-20
60-29-7	Diethyl Ether	8.88	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.76	0.030	0.50	
123-91-1	1,4-Dioxane	130	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.6	0.26	0.50	
591-78-6	2-Hexanone (MBK)	102	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	14.0	0.060	1.0	L-07, V-20
99-87-6	p-Isopropyltoluene (p-Cymene)	11.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.74	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BS1	File ID:	VC353006.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 08:39
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	6.75	2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)	97.4	0.22	10	
91-20-3	Naphthalene	9.61	0.21	2.0	
103-65-1	n-Propylbenzene	12.3	0.040	1.0	
100-42-5	Styrene	12.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.3	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.8	0.18	0.50	
127-18-4	Tetrachloroethylene	11.6	0.14	1.0	
109-99-9	Tetrahydrofuran	8.73	1.0	10	
108-88-3	Toluene	11.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.93	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.58	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.37	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.2	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.2	0.080	1.0	
79-01-6	Trichloroethylene	11.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.88	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.6	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.65	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.7	0.060	1.0	
75-01-4	Vinyl Chloride	7.99	0.16	2.0	
108383/106423	m+p Xylene	23.6	0.070	2.0	
95-47-6	o-Xylene	12.2	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353006.D Vial: 6
Acq On : 19 Dec 2011 8:39 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:43:19 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	433088	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	643586	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.012	82	321287	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	327729	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	195770	24.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%				
49) TOLUENE SS	5.606	98	647426	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	253126	26.71	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	88838	9.02	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.877	51	121397	9.64	UG/L		98
5) CHLOROMETHANE	0.952	50	90450	8.68	UG/L		97
6) VINYL CHLORIDE	0.999	62	96587	7.99	UG/L		100
7) BROMOMETHANE	1.150	94	44977	5.81	UG/L		97
8) CHLOROETHANE	1.194	64	55869	8.69	UG/L		96
9) FLUORODICHLOROMETHANE	1.281	67	171359	7.90	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.312	101	132203	9.88	UG/L		100
12) DI ETHYL ETHER	1.451	59	65995	8.88	UG/L		95
13) ACROLEIN	1.521	56	83757	120.25	UG/L		99
14) ACETONE	1.599	43	205508	88.16	UG/L		95
15) 1,1-DICHLOROETHENE	1.571	61	135019	7.85	UG/L		96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	82839	8.65	UG/L		97
17) IODOMETHANE	1.655	142	198034	21.27	UG/L	#	100
20) METHYL ACETATE	1.786	43	58479	3.24	UG/L	#	89
21) T-BUTYL ALCOHOL	1.931	59	59092	96.92	UG/L	#	91
22) ACRYLONITRILE	2.006	53	34503	9.09	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	113068	6.75	UG/L	#	82
24) CARBON DISULFIDE	1.691	76	285253	14.06	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	251238	9.74	UG/L		97
26) TRANS 1,2-DICHLOROETHENE	2.020	61	147714	10.18	UG/L		96
27) 1,1-DICHLOROETHANE	2.324	63	180442	11.21	UG/L		99
28) VINYL ACETATE	2.377	43	1744616	97.97	UG/L	#	100
29) DI ISOPROYL ETHER	2.388	45	277308	9.76	UG/L		94
31) 2-BUTANONE	2.865	43	326125	107.98	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	261665	10.34	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	157675	11.44	UG/L		92
34) 2,2-DICHLOROPROPANE	2.829	77	100324	11.98	UG/L		98
35) ETHYL ACETATE	2.940	43	67824	10.17	UG/L	#	92
38) BROMOCHLOROMETHANE	3.077	49	79821	11.03	UG/L		84
39) TETRAHYDROFURAN	3.138	42	17246	8.73	UG/L	#	78
40) CHLOROFORM	3.172	83	184738	12.49	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.342	97	145788	12.15	UG/L		97
42) CYCLOHEXANE	3.389	56	148816	11.55	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	118587	11.81	UG/L		100
44) 1,1-DICHLOROPROPENE	3.515	75	135629	12.29	UG/L		99
45) BENZENE	3.721	78	387222	12.57	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	210013	11.42	UG/L		94
50) 1,2-DICHLOROETHANE	3.754	62	145773	10.68	UG/L		97
51) TRICHLOROETHENE	4.385	95	104740	11.58	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	120069	10.58	UG/L		95
53) 1,2-DICHLOROPROPANE	4.611	63	97442	11.26	UG/L	#	96
54) DIBROMOMETHANE	4.722	93	66594	11.73	UG/L		99
56) 1,4-DIOXANE	4.775	88	8438m	129.55	UG/L		
57) BROMODICHLOROMETHANE	4.903	83	129104	9.56	UG/L		99

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353006.D Vial: 6
Acq On : 19 Dec 2011 8:39 am Operator:
Sample : B0-BS1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:43:19 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

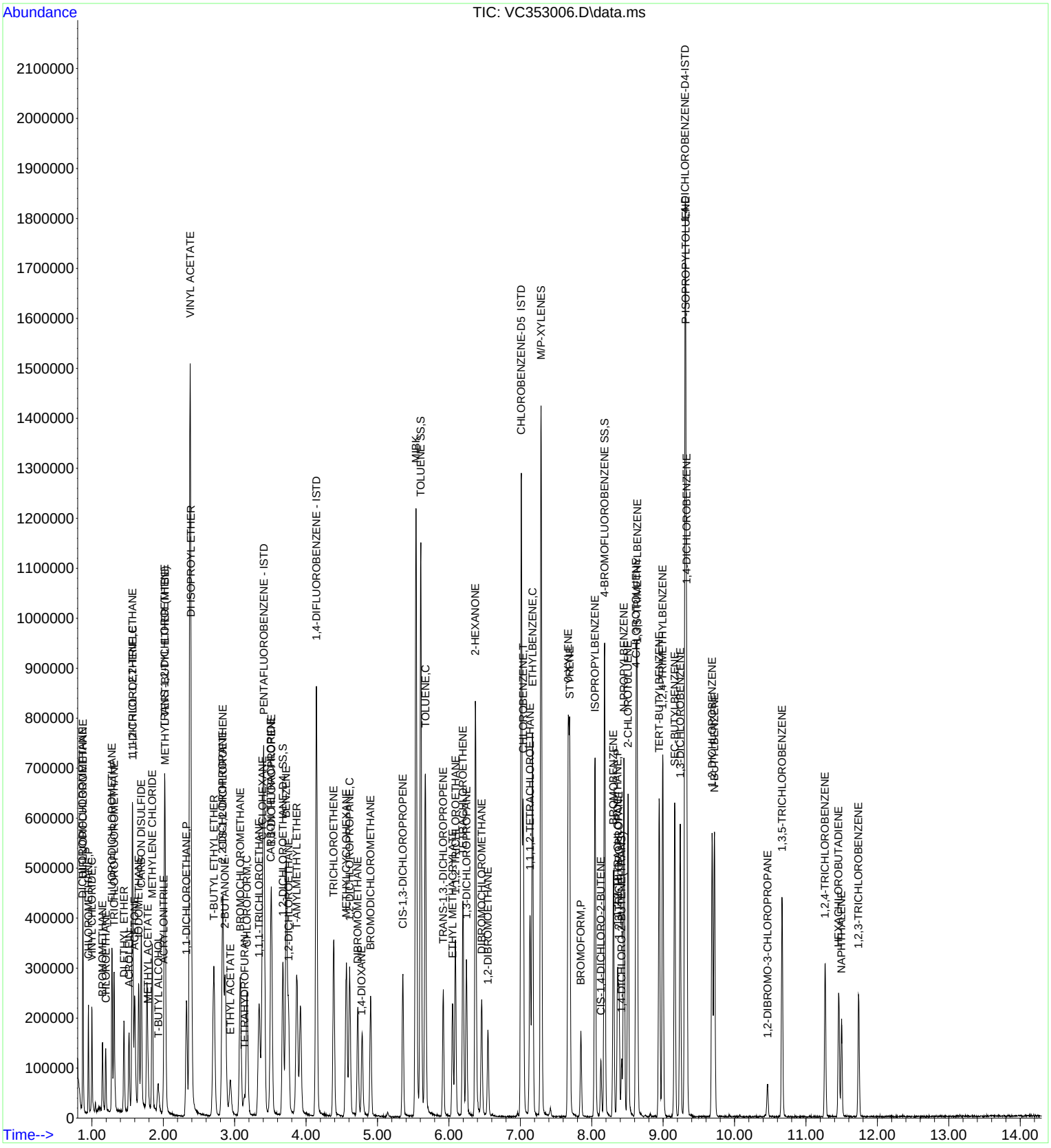
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) MIBK	5.539	43	682978	97.36	UG/L	97
60) CIS-1,3-DICHLOROPROPENE	5.355	75	134574	12.34	UG/L	100
61) TOLUENE	5.670	91	421699	11.46	UG/L	100
62) TRANS-1,3,-DICHLOROPRO...	5.921	75	110098	13.20	UG/L	99
63) ETHYL METHACRYLATE	6.049	69	101805	10.13	UG/L	86
64) 1,1,2-TRICHLOROETHANE	6.091	97	90041	11.21	UG/L	98
65) 2-HEXANONE	6.370	43	435926	101.58	UG/L	95
66) TETRACHLOROETHENE	6.197	166	109448	11.59	UG/L	99
67) 1,3-DICHLOROPROPANE	6.247	76	148894	12.07	UG/L	99
68) DIBROMOCHLOROMETHANE	6.459	129	99389	12.43	UG/L	100
69) 1,2-DIBROMOETHANE	6.546	107	91835	11.82	UG/L	100
72) CHLOROBENZENE	7.039	112	276774	11.56	UG/L	98
73) 1,1,1,2-TETRACHLOROETHANE	7.137	131	91080	11.26	UG/L	100
74) ETHYLBENZENE	7.170	91	467658	11.73	UG/L	100
75) M/P-XYLENES	7.290	91	727592	23.58	UG/L	99
76) 0-XYLENE	7.670	91	370840	12.22	UG/L	99
77) STYRENE	7.692	104	299921	12.51	UG/L	99
78) BROMOFORM	7.848	173	62811	12.05	UG/L	98
79) ISOPROPYLBENZENE	8.046	105	419872	14.03	UG/L	100
80) CIS-1,4-DICHLORO-2-BUTENE	8.130	53	20677	8.37	UG/L	87
81) 1,1,2,2-TETRACHLOROETHANE	8.361	83	111256	11.75	UG/L	99
82) 1,4-DICHLORO-2-BUTENE(...	8.420	53	20022	10.57	UG/L	95
83) BROMOBENZENE	8.303	77	167360	11.38	UG/L	99
84) 1,2,3-TRICHLOROPROPANE	8.381	75	82067	11.59	UG/L	98
85) N-PROPYLBENZENE	8.450	91	492080	12.32	UG/L	100
86) 2-CHLOROT0LUENE	8.509	91	308027	12.19	UG/L	100
87) 1,3,5-TRIMETHYLBENZENE	8.637	105	343166	11.67	UG/L	100
88) 4-CHLOROTOLUENE	8.621	91	353511	11.88	UG/L	97
90) TERT-BUTYLBENZENE	8.944	119	277553	10.95	UG/L	100
91) 1,2,4-TRIMETHYLBENZENE	8.994	105	345694	11.09	UG/L	99
92) SEC-BUTYLBENZENE	9.164	105	378346	10.64	UG/L	100
93) 1,3-DICHLOROBENZENE	9.240	146	205987	11.09	UG/L	99
94) P-ISOPROPYLTOLUENE	9.318	119	325524	11.52	UG/L	99
95) 1,4-DICHLOROBENZENE	9.329	146	210117	11.11	UG/L	99
96) N-BUTYLBENZENE	9.717	91	276345	9.91	UG/L	99
97) 1,2-DICHLOROBENZENE	9.686	146	198008	10.96	UG/L	99
98) 1,2-DIBROMO-3-CHLOROPR...	10.464	75	11851	7.94	UG/L	98
99) 1,3,5-TRICHLOROBENZENE	10.665	180	119766	9.37	UG/L	99
100) 1,2,4-TRICHLOROBENZENE	11.267	180	82741	9.58	UG/L	98
101) HEXACHLOROBUTADIENE	11.457	225	45665	10.64	UG/L	99
102) NAPHTHALENE	11.498	128	118115	9.61	UG/L	99
103) 1,2,3-TRICHLOROBENZENE	11.735	180	64088	9.93	UG/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : Y:\1\DATA\121911\VC353006.D
Acq On : 19 Dec 2011 8:39 am
Sample : B0-BS1
Misc :
Quant Time: Dec 19 10:43:19 2011

Vial: 6
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	85.5	0.54	50	
107-13-1	Acrylonitrile	8.32	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.8	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	V-20
108-86-1	Bromobenzene	10.7	0.10	1.0	
74-97-5	Bromochloromethane	10.5	0.10	1.0	
75-27-4	Bromodichloromethane	8.96	0.080	0.50	
75-25-2	Bromoform	11.3	0.25	1.0	
74-83-9	Bromomethane	6.12	0.38	2.0	
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	92.7	3.5	20	V-16
104-51-8	n-Butylbenzene	8.78	0.050	1.0	
135-98-8	sec-Butylbenzene	9.50	0.050	1.0	
98-06-6	tert-Butylbenzene	10.1	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.49	0.070	0.50	
75-15-0	Carbon Disulfide	12.8	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.5	0.090	5.0	
108-90-7	Chlorobenzene	10.9	0.050	1.0	
124-48-1	Chlorodibromomethane	11.7	0.12	0.50	V-20
75-00-3	Chloroethane	7.36	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	7.59	0.13	2.0	
95-49-8	2-Chlorotoluene	11.3	0.050	1.0	
106-43-4	4-Chlorotoluene	11.1	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.11	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.1	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.3	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.3	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	10.7	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	7.79	0.040	2.0	V-20
75-34-3	1,1-Dichloroethane	10.1	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.0	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.02	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.15	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.5	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.5	0.13	1.0	V-20
563-58-6	1,1-Dichloropropene	11.1	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	11.6	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	V-20
60-29-7	Diethyl Ether	8.38	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.03	0.030	0.50	
123-91-1	1,4-Dioxane	120	3.5	50	V-16, V-20
100-41-4	Ethylbenzene	10.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.78	0.26	0.50	
591-78-6	2-Hexanone (MBK)	102	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.8	0.060	1.0	V-20
99-87-6	p-Isopropyltoluene (p-Cymene)	10.5	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.08	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-BSD1	File ID:	VC353007.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 09:10
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	6.29	2.3	5.0	L-04
108-10-1	4-Methyl-2-pentanone (MIBK)	94.9	0.22	10	
91-20-3	Naphthalene	9.94	0.21	2.0	
103-65-1	n-Propylbenzene	11.2	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.5	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	11.3	0.18	0.50	
127-18-4	Tetrachloroethylene	10.5	0.14	1.0	
109-99-9	Tetrahydrofuran	9.50	1.0	10	
108-88-3	Toluene	10.6	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.89	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.49	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.80	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.4	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	8.66	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.3	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	7.59	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.0	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.8	0.060	1.0	
75-01-4	Vinyl Chloride	7.06	0.16	2.0	
108383/106423	m+p Xylene	21.4	0.070	2.0	
95-47-6	o-Xylene	11.3	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D Vial: 7
Acq On : 19 Dec 2011 9:10 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:45:49 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.409	168	466650	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	679684	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	342488	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	352357	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	206982	23.63	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.52%				
49) TOLUENE SS	5.606	98	688916	25.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	270250	26.75	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.00%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	82648	7.79	UG/L		100
4) DIFLUOROCHLOROMETHANE	0.876	51	114517	8.44	UG/L		98
5) CHLOROMETHANE	0.952	50	85252	7.59	UG/L		99
6) VINYL CHLORIDE	0.999	62	91879	7.06	UG/L		99
7) BROMOMETHANE	1.150	94	51723	6.12	UG/L		100
8) CHLOROETHANE	1.194	64	51029	7.36	UG/L		97
9) FLUORODICHLOROMETHANE	1.281	67	164019	7.13	UG/L		98
10) TRICHLOROFLUOROMETHANE	1.311	101	124763	8.66	UG/L		99
12) DI ETHYL ETHER	1.451	59	67096	8.38	UG/L		91
13) ACROLEIN	1.521	56	90014	119.97	UG/L		96
14) ACETONE	1.601	43	214744	85.50	UG/L		94
15) 1,1-DICHLOROETHENE	1.568	61	127805	7.02	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	76574	7.59	UG/L		97
17) IODOMETHANE	1.657	142	167174	19.04	UG/L	#	100
20) METHYL ACETATE	1.786	43	61611	3.17	UG/L	#	88
21) T-BUTYL ALCOHOL	1.925	59	60909	92.72	UG/L		96
22) ACRYLONITRILE	2.009	53	34024	8.32	UG/L		98
23) METHYLENE CHLORIDE	1.844	49	113518	6.29	UG/L	#	82
24) CARBON DISULFIDE	1.691	76	267561	12.83	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	252215	9.08	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	143063	9.15	UG/L		95
27) 1,1-DICHLOROETHANE	2.327	63	175107	10.09	UG/L		99
28) VINYL ACETATE	2.374	43	1746872	91.41	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	276521	9.03	UG/L		93
31) 2-BUTANONE	2.870	43	336880	103.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.709	59	258765	9.49	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.837	61	154026	10.37	UG/L		92
34) 2,2-DICHLOROPROPANE	2.831	77	94632	10.48	UG/L		97
35) ETHYL ACETATE	2.940	43	68629	9.43	UG/L	#	88
38) BROMOCHLOROMETHANE	3.074	49	81808	10.49	UG/L		90
39) TETRAHYDROFURAN	3.138	42	20236	9.50	UG/L	#	84
40) CHLOROFORM	3.171	83	178742	11.21	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.344	97	141329	10.93	UG/L		100
42) CYCLOHEXANE	3.386	56	141263	10.17	UG/L		88
43) CARBON TETRACHLORIDE	3.506	117	113783	10.52	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	132201	11.12	UG/L		98
45) BENZENE	3.726	78	377340	11.37	UG/L		96
47) T-AMYLMETHYL ETHER	3.869	73	213699	10.79	UG/L		94
50) 1,2-DICHLOROETHANE	3.752	62	144229	10.00	UG/L		97
51) TRICHLOROETHENE	4.387	95	100625	10.54	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	118936	9.92	UG/L		92
53) 1,2-DICHLOROPROPANE	4.610	63	96364	10.54	UG/L		96
54) DIBROMOMETHANE	4.722	93	66832	11.15	UG/L		98
56) 1,4-DIOXANE	4.783	88	8252	119.96	UG/L	#	83
57) BROMODICHLOROMETHANE	4.903	83	127413	8.96	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D Vial: 7
Acq On : 19 Dec 2011 9:10 am Operator:
Sample : B0-BSD1 Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 10:45:49 2011

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59)	MIBK	5.539	43	703320	94.94	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	133602	11.60	UG/L	98
61)	TOLUENE	5.670	91	412848	10.62	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	112849	12.81	UG/L	99
63)	ETHYL METHACRYLATE	6.049	69	103054	9.75	UG/L	88
64)	1,1,2-TRICHLOROETHANE	6.091	97	88440	10.42	UG/L	98
65)	2-HEXANONE	6.373	43	463170	102.20	UG/L	95
66)	TETRACHLOROETHENE	6.197	166	105001	10.52	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	148732	11.41	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.459	129	98879	11.71	UG/L	99
69)	1,2-DIBROMOETHANE	6.546	107	91364	11.13	UG/L	98
72)	CHLOROBENZENE	7.042	112	277995	10.89	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	90722	10.52	UG/L	98
74)	ETHYLBENZENE	7.170	91	454704	10.69	UG/L	100
75)	M/P-XYLENES	7.290	91	705512	21.45	UG/L	99
76)	0-XYLENE	7.672	91	366491	11.33	UG/L	99
77)	STYRENE	7.689	104	293047	11.47	UG/L	99
78)	BROMOFORM	7.851	173	62759	11.30	UG/L	96
79)	ISOPROPYLBENZENE	8.046	105	409256	12.83	UG/L	100
80)	CIS-1,4-DICHLORO-2-BUTENE	8.132	53	20837	7.92	UG/L	83
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	113848	11.28	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.417	53	21570	10.69	UG/L	91
83)	BROMOBENZENE	8.303	77	168049	10.71	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.383	75	85138	11.28	UG/L	99
85)	N-PROPYLBENZENE	8.450	91	475901	11.18	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	304095	11.29	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	340075	10.85	UG/L	98
88)	4-CHLOROTOLUENE	8.620	91	351250	11.07	UG/L	99
90)	TERT-BUTYLBENZENE	8.947	119	274233	10.06	UG/L	99
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	336597	10.05	UG/L	100
92)	SEC-BUTYLBENZENE	9.161	105	363166	9.50	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	204853	10.26	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.318	119	317608	10.46	UG/L	100
95)	1,4-DICHLOROBENZENE	9.329	146	208705	10.27	UG/L	98
96)	N-BUTYLBENZENE	9.719	91	271633	8.78	UG/L	100
97)	1,2-DICHLOROBENZENE	9.689	146	199296	10.26	UG/L	99
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	13019	8.11	UG/L	96
99)	1,3,5-TRICHLOROBENZENE	10.667	180	120743	8.80	UG/L	98
100)	1,2,4-TRICHLOROBENZENE	11.270	180	87872	9.49	UG/L	98
101)	HEXACHLOROBUTADIENE	11.459	225	44852	9.78	UG/L	94
102)	NAPHTHALENE	11.498	128	135895	9.94	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.741	180	68385	9.89	UG/L	98

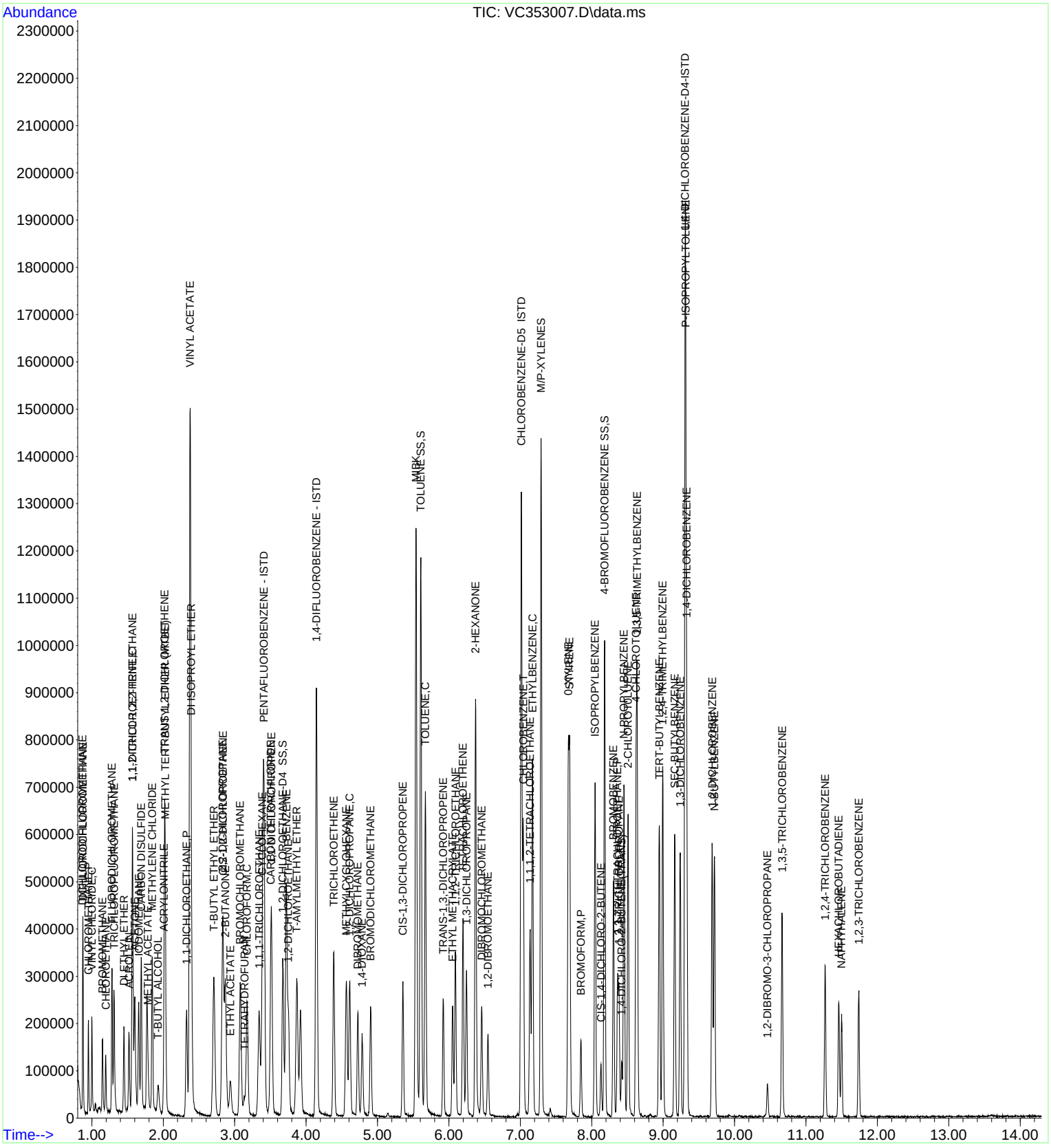
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353007.D
Acq On : 19 Dec 2011 9:10 am
Sample : B0-BSD1
Misc :
Quant Time: Dec 19 10:45:49 2011

Vial: 7
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Mon Dec 19 10:37:07 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	86.5	0.54	50	
107-13-1	Acrylonitrile	9.90	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.2	0.11	0.50	
71-43-2	Benzene	12.7	0.050	1.0	
108-86-1	Bromobenzene	11.1	0.10	1.0	
74-97-5	Bromochloromethane	11.1	0.10	1.0	
75-27-4	Bromodichloromethane	9.38	0.080	0.50	
75-25-2	Bromoform	12.2	0.25	1.0	
74-83-9	Bromomethane	5.24	0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)	124	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	118	3.5	20	V-16
104-51-8	n-Butylbenzene	9.77	0.050	1.0	
135-98-8	sec-Butylbenzene	10.5	0.050	1.0	
98-06-6	tert-Butylbenzene	10.6	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.75	0.070	0.50	
75-15-0	Carbon Disulfide	12.4	0.050	4.0	
56-23-5	Carbon Tetrachloride	11.6	0.090	5.0	
108-90-7	Chlorobenzene	11.1	0.050	1.0	
124-48-1	Chlorodibromomethane	12.2	0.12	0.50	
75-00-3	Chloroethane	7.81	0.33	2.0	
67-66-3	Chloroform	12.6	0.040	2.0	
74-87-3	Chloromethane	6.60	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	11.9	0.050	1.0	
106-43-4	4-Chlorotoluene	11.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.47	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	12.1	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	12.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.5	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	11.8	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.81	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.63	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.4	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.4	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.7	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.8	0.12	0.50	
60-29-7	Diethyl Ether	8.55	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.56	0.030	0.50	
123-91-1	1,4-Dioxane	148	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.5	0.26	0.50	
591-78-6	2-Hexanone (MBK)	124	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	13.9	0.060	1.0	MS-12
99-87-6	p-Isopropyltoluene (p-Cymene)	11.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.0	0.050	1.0	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MS1	File ID:	VC353016.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 13:46
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.97	2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)	114	0.22	10	
91-20-3	Naphthalene	11.2	0.21	2.0	
103-65-1	n-Propylbenzene	12.2	0.040	1.0	
100-42-5	Styrene	11.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.5	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	12.6	0.18	0.50	
127-18-4	Tetrachloroethylene	11.8	0.14	1.0	
109-99-9	Tetrahydrofuran	12.2	1.0	10	
108-88-3	Toluene	11.8	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	11.3	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.1	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.09	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.4	0.080	1.0	
79-01-6	Trichloroethylene	11.7	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.51	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.43	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.6	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.3	0.060	1.0	
75-01-4	Vinyl Chloride	6.99	0.16	2.0	MS-07A
108383/106423	m+p Xylene	23.1	0.070	2.0	
95-47-6	o-Xylene	11.9	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353016.D Vial: 16
Acq On : 19 Dec 2011 1:46 pm Operator:
Sample : 11L0394-02ms @ MS Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:40:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.406	168	447340	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	658092	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	333983	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.306	152	341694	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.673	65	211703	25.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.84%				
49) TOLUENE SS	5.606	98	670387	25.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%				
71) 4-BROMOFLUOROBENZENE SS	8.177	95	262771	26.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.68%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	69244	6.81	UG/L		98
4) DIFLUOROCHLOROMETHANE	0.876	51	111848	8.60	UG/L		99
5) CHLOROMETHANE	0.952	50	71044	6.60	UG/L		99
6) VINYL CHLORIDE	0.999	62	87256	6.99	UG/L		98
7) BROMOMETHANE	1.147	94	40656	5.24	UG/L		98
8) CHLOROETHANE	1.192	64	51874	7.81	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	167054	7.51	UG/L		100
10) TRICHLOROFLUOROMETHANE	1.311	101	131378	9.51	UG/L		96
11) ETHANOL	1.451	45	39631	482.89	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	65670	8.55	UG/L		90
13) ACROLEIN	1.518	56	124119	166.34	UG/L		100
14) ACETONE	1.601	43	208218	86.48	UG/L		96
15) 1,1-DICHLOROETHENE	1.568	61	134859	7.63	UG/L		95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.568	101	83083	8.43	UG/L		100
17) IODOMETHANE	1.657	142	98251	15.90	UG/L	#	100
20) METHYL ACETATE	1.786	43	61167	3.28	UG/L	#	91
21) T-BUTYL ALCOHOL	1.936	59	74500	118.30	UG/L	#	92
22) ACRYLONITRILE	2.009	53	38803	9.90	UG/L		94
23) METHYLENE CHLORIDE	1.847	49	103240	5.97	UG/L	#	81
24) CARBON DISULFIDE	1.691	76	241701	12.35	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.025	73	267103	10.03	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	152175	10.15	UG/L		95
27) 1,1-DICHLOROETHANE	2.327	63	179118	10.77	UG/L		99
28) VINYL ACETATE	2.377	43	1922851	104.19	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	280489	9.56	UG/L		93
31) 2-BUTANONE	2.868	43	386982	124.05	UG/L		94
32) T-BUTYL ETHYL ETHER	2.711	59	254851	9.75	UG/L		97
33) CIS-1,2-DICHLOROETHENE	2.834	61	162004	11.38	UG/L		92
34) 2,2-DICHLOROPROPANE	2.828	77	101016	11.67	UG/L		98
35) ETHYL ACETATE	2.943	43	91287	13.85	UG/L	#	93
38) BROMOCHLOROMETHANE	3.074	49	83212	11.13	UG/L		88
39) TETRAHYDROFURAN	3.135	42	24814	12.16	UG/L	#	88
40) CHLOROFORM	3.171	83	192718	12.61	UG/L		99
41) 1,1,1-TRICHLOROETHANE	3.339	97	152373	12.30	UG/L		100
42) CYCLOHEXANE	3.389	56	157542	11.83	UG/L		90
43) CARBON TETRACHLORIDE	3.506	117	120603	11.63	UG/L		98
44) 1,1-DICHLOROPROPENE	3.514	75	145333	12.75	UG/L		99
45) BENZENE	3.721	78	403745	12.69	UG/L		96
47) T-AMYLMETHYL ETHER	3.871	73	211917	11.16	UG/L	#	91
50) 1,2-DICHLOROETHANE	3.757	62	151563	10.86	UG/L		98
51) TRICHLOROETHENE	4.387	95	108214	11.70	UG/L		99
52) METHYLCYCLOHEXANE	4.563	83	129172	11.13	UG/L	#	88
53) 1,2-DICHLOROPROPANE	4.610	63	100175	11.32	UG/L	#	97
54) DIBROMOMETHANE	4.722	93	70708	12.18	UG/L		99
56) 1,4-DIOXANE	4.772	88	9890	148.49	UG/L		100

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353016.D Vial: 16
Acq On : 19 Dec 2011 1:46 pm Operator:
Sample : 11L0394-02ms @ MS Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:40:40 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.906	83	129413	9.38	UG/L	99
59)	MIBK	5.539	43	819397	114.24	UG/L	97
60)	CIS-1,3-DICHLOROPROPENE	5.358	75	133539	11.97	UG/L	99
61)	TOLUENE	5.670	91	443884	11.80	UG/L	100
62)	TRANS-1,3,-DICHLOROPRO...	5.924	75	109238	12.81	UG/L	100
63)	ETHYL METHACRYLATE	6.052	69	109944	10.64	UG/L	87
64)	1,1,2-TRICHLOROETHANE	6.088	97	93265	11.35	UG/L	100
65)	2-HEXANONE	6.373	43	545678	124.36	UG/L	96
66)	TETRACHLOROETHENE	6.200	166	114457	11.85	UG/L	99
67)	1,3-DICHLOROPROPANE	6.247	76	155783	12.35	UG/L	98
68)	DIBROMOCHLOROMETHANE	6.457	129	99620	12.19	UG/L	99
69)	1,2-DIBROMOETHANE	6.546	107	95845	12.06	UG/L	98
72)	CHLOROBENZENE	7.039	112	277420	11.14	UG/L	98
73)	1,1,1,2-TETRACHLOROETHANE	7.134	131	87968	10.46	UG/L	99
74)	ETHYLBENZENE	7.173	91	486779	11.74	UG/L	98
75)	M/P-XYLENES	7.290	91	739786	23.06	UG/L	100
76)	0-XYLENE	7.672	91	376156	11.93	UG/L	98
77)	STYRENE	7.692	104	288253	11.57	UG/L	96
78)	BROMOFORM	7.848	173	66125	12.20	UG/L	97
79)	ISOPROPYLBENZENE	8.046	105	431981	13.88	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	21737	8.46	UG/L	86
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	124409	12.64	UG/L	99
82)	1,4-DICHLORO-2-BUTENE(...	8.422	53	23226	11.80	UG/L	91
83)	BROMOBENZENE	8.303	77	169550	11.09	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	90983	12.36	UG/L	100
85)	N-PROPYLBENZENE	8.450	91	504595	12.16	UG/L	99
86)	2-CHLOROT0LUENE	8.509	91	313385	11.93	UG/L	98
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	346018	11.32	UG/L	99
88)	4-CHLOROTOLUENE	8.620	91	361570	11.69	UG/L	98
90)	TERT-BUTYLBENZENE	8.947	119	280757	10.62	UG/L	98
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	344028	10.59	UG/L	99
92)	SEC-BUTYLBENZENE	9.161	105	388705	10.48	UG/L	100
93)	1,3-DICHLOROBENZENE	9.237	146	202767	10.48	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.315	119	330483	11.22	UG/L	99
95)	1,4-DICHLOROBENZENE	9.332	146	212917	10.80	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	285062	9.77	UG/L	99
97)	1,2-DICHLOROBENZENE	9.683	146	201734	10.71	UG/L	97
98)	1,2-DIBROMO-3-CHLOROPR...	10.458	75	14770	9.47	UG/L	97
99)	1,3,5-TRICHLOROBENZENE	10.665	180	121129	9.09	UG/L	100
100)	1,2,4-TRICHLOROBENZENE	11.270	180	91873	10.09	UG/L	98
101)	HEXACHLOROBUTADIENE	11.459	225	46975	10.51	UG/L	94
102)	NAPHTHALENE	11.498	128	165224	11.23	UG/L	99
103)	1,2,3-TRICHLOROBENZENE	11.738	180	81059	11.32	UG/L	99

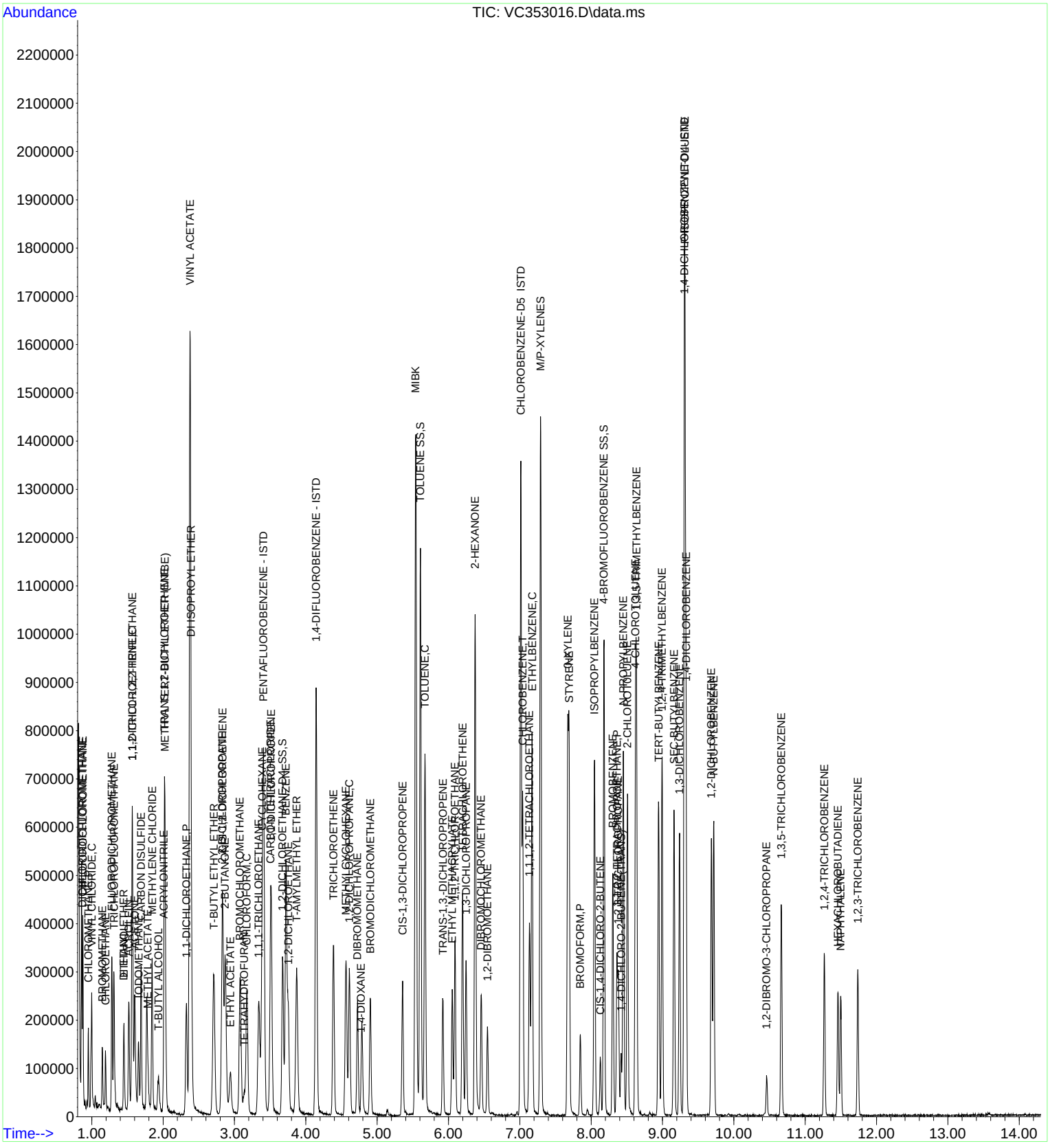
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353016.D
Acq On : 19 Dec 2011 1:46 pm
Sample : 11L0394-02ms @ MS
Misc :
Quant Time: Dec 19 14:40:40 2011

Vial: 16
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	86.2	0.54	50	
107-13-1	Acrylonitrile	9.57	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.2	0.11	0.50	
71-43-2	Benzene	12.3	0.050	1.0	
108-86-1	Bromobenzene	11.0	0.10	1.0	
74-97-5	Bromochloromethane	11.1	0.10	1.0	
75-27-4	Bromodichloromethane	9.56	0.080	0.50	
75-25-2	Bromoform	12.0	0.25	1.0	
74-83-9	Bromomethane	5.96	0.38	2.0	MS-07A
78-93-3	2-Butanone (MEK)	126	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	123	3.5	20	V-16
104-51-8	n-Butylbenzene	9.61	0.050	1.0	
135-98-8	sec-Butylbenzene	10.7	0.050	1.0	
98-06-6	tert-Butylbenzene	10.9	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.92	0.070	0.50	
75-15-0	Carbon Disulfide	12.4	0.050	4.0	
56-23-5	Carbon Tetrachloride	11.7	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	12.6	0.12	0.50	
75-00-3	Chloroethane	7.89	0.33	2.0	
67-66-3	Chloroform	12.2	0.040	2.0	
74-87-3	Chloromethane	6.77	0.13	2.0	MS-07A
95-49-8	2-Chlorotoluene	12.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10.4	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	12.3	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	12.0	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.7	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	12.8	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.88	0.040	2.0	MS-07A
75-34-3	1,1-Dichloroethane	11.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.9	0.090	1.0	
75-35-4	1,1-Dichloroethylene	7.56	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.6	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.0	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.8	0.20	1.0	
142-28-9	1,3-Dichloropropane	12.8	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.9	0.13	1.0	
563-58-6	1,1-Dichloropropene	12.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	12.5	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	12.9	0.12	0.50	
60-29-7	Diethyl Ether	8.67	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.60	0.030	0.50	
123-91-1	1,4-Dioxane	170	3.5	50	MS-12, V-16
100-41-4	Ethylbenzene	11.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.2	0.26	0.50	
591-78-6	2-Hexanone (MBK)	127	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	14.1	0.060	1.0	MS-12
99-87-6	p-Isopropyltoluene (p-Cymene)	11.6	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.2	0.050	1.0	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	11L0394
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Water	Laboratory ID:	B043044-MSD1	File ID:	VC353017.D
Sampled:		Prepared:	12/19/11 06:04	Analyzed:	12/19/11 14:17
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B043044	Sequence:	S001578	Calibration:	1100098
Instrument:	GCMSVOA3				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.94	2.3	5.0	L-04, MS-09
108-10-1	4-Methyl-2-pentanone (MIBK)	118	0.22	10	
91-20-3	Naphthalene	10.9	0.21	2.0	
103-65-1	n-Propylbenzene	12.3	0.040	1.0	
100-42-5	Styrene	11.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	13.1	0.18	0.50	MS-24
127-18-4	Tetrachloroethylene	11.6	0.14	1.0	
109-99-9	Tetrahydrofuran	11.8	1.0	10	
108-88-3	Toluene	12.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.8	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.73	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	8.76	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	12.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.6	0.080	1.0	
79-01-6	Trichloroethylene	11.6	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.59	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	12.9	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	8.47	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.7	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	6.94	0.16	2.0	MS-07A
108383/106423	m+p Xylene	23.3	0.070	2.0	
95-47-6	o-Xylene	12.1	0.050	1.0	

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353017.D Vial: 17
Acq On : 19 Dec 2011 2:17 pm Operator:
Sample : 11L0394-02msd @ MSD Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:56 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	3.411	168	423468	30.00	UG/L		0.00
48) 1,4-DIFLUOROBENZENE - ...	4.145	114	606799	30.00	UG/L		0.00
70) CHLOROBENZENE-D5 ISTD	7.014	82	309828	30.00	UG/L		0.00
89) 1,4-DICHLOROBENZENE-D4...	9.307	152	314844	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	3.676	65	192185	24.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%				
49) TOLUENE SS	5.606	98	623091	25.56	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.24%				
71) 4-BROMOFLUOROBENZENE SS	8.180	95	246303	26.95	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.871	85	66275	6.88	UG/L		99
4) DIFLUOROCHLOROMETHANE	0.874	51	106247	8.63	UG/L		99
5) CHLOROMETHANE	0.949	50	68953	6.77	UG/L		100
6) VINYL CHLORIDE	0.999	62	82009	6.94	UG/L		97
7) BROMOMETHANE	1.147	94	45432	5.96	UG/L		97
8) CHLOROETHANE	1.192	64	49598	7.89	UG/L		99
9) FLUORODICHLOROMETHANE	1.281	67	161043	7.63	UG/L		99
10) TRICHLOROFLUOROMETHANE	1.309	101	125468	9.59	UG/L		99
11) ETHANOL	1.448	45	38269	492.58	UG/L	#	64
12) DI ETHYL ETHER	1.448	59	62969	8.67	UG/L		90
13) ACROLEIN	1.518	56	112282	159.59	UG/L		100
14) ACETONE	1.602	43	196560	86.24	UG/L		95
15) 1,1-DICHLOROETHENE	1.568	61	126474	7.56	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.562	101	79040	8.47	UG/L		99
17) IODOMETHANE	1.655	142	104006	16.49	UG/L	#	100
20) METHYL ACETATE	1.788	43	54398	3.08	UG/L	#	87
21) T-BUTYL ALCOHOL	1.933	59	73051	122.54	UG/L		93
22) ACRYLONITRILE	2.011	53	35525	9.57	UG/L		99
23) METHYLENE CHLORIDE	1.844	49	97265	5.94	UG/L	#	80
24) CARBON DISULFIDE	1.691	76	231378	12.44	UG/L	#	100
25) METHYL TERT-BUTYL ETHE...	2.028	73	257309	10.20	UG/L		98
26) TRANS 1,2-DICHLOROETHENE	2.020	61	142572	10.04	UG/L		96
27) 1,1-DICHLOROETHANE	2.327	63	176103	11.18	UG/L		99
28) VINYL ACETATE	2.377	43	1830435	104.75	UG/L	#	100
29) DI ISOPROYL ETHER	2.391	45	266722	9.60	UG/L		94
31) 2-BUTANONE	2.873	43	370674	125.52	UG/L		95
32) T-BUTYL ETHYL ETHER	2.711	59	245611	9.92	UG/L		96
33) CIS-1,2-DICHLOROETHENE	2.834	61	156063	11.58	UG/L		96
34) 2,2-DICHLOROPROPANE	2.826	77	97443	11.90	UG/L		99
35) ETHYL ACETATE	2.940	43	88961	14.32	UG/L	#	85
38) BROMOCHLOROMETHANE	3.074	49	78403	11.08	UG/L		89
39) TETRAHYDROFURAN	3.138	42	22794	11.80	UG/L	#	81
40) CHLOROFORM	3.174	83	177242	12.25	UG/L		100
41) 1,1,1-TRICHLOROETHANE	3.344	97	142274	12.13	UG/L		98
42) CYCLOHEXANE	3.386	56	146817	11.65	UG/L		93
43) CARBON TETRACHLORIDE	3.506	117	115095	11.73	UG/L		99
44) 1,1-DICHLOROPROPENE	3.515	75	135618	12.57	UG/L		100
45) BENZENE	3.721	78	370353	12.29	UG/L		97
47) T-AMYLMETHYL ETHER	3.869	73	201026	11.18	UG/L	#	92
50) 1,2-DICHLOROETHANE	3.752	62	139801	10.86	UG/L		98
51) TRICHLOROETHENE	4.387	95	98582	11.56	UG/L		98
52) METHYLCYCLOHEXANE	4.563	83	119438	11.16	UG/L		94
53) 1,2-DICHLOROPROPANE	4.610	63	88111	10.80	UG/L	#	91
54) DIBROMOMETHANE	4.722	93	64143	11.99	UG/L		98
56) 1,4-DIOXANE	4.781	88	10433m	169.89	UG/L		

Data File : Y:\1\DATA\121911\VC353017.D Vial: 17
Acq On : 19 Dec 2011 2:17 pm Operator:
Sample : 11L0394-02msd @ MSD Inst : GCMSVOA3
Misc : Multiplr: 1.00
Quant Time: Dec 19 14:42:56 2011

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57)	BROMODICHLOROMETHANE	4.903	83	121764	9.56	UG/L	98
59)	MIBK	5.542	43	778515	117.71	UG/L	96
60)	CIS-1,3-DICHLOROPROPENE	5.355	75	128804	12.53	UG/L	98
61)	TOLUENE	5.670	91	417529	12.03	UG/L	99
62)	TRANS-1,3,-DICHLOROPRO...	5.921	75	101581	12.92	UG/L	99
63)	ETHYL METHACRYLATE	6.052	69	104114	10.90	UG/L	88
64)	1,1,2-TRICHLOROETHANE	6.091	97	88251	11.65	UG/L	100
65)	2-HEXANONE	6.376	43	514075	127.06	UG/L	96
66)	TETRACHLOROETHENE	6.197	166	103618	11.63	UG/L	98
67)	1,3-DICHLOROPROPANE	6.247	76	148457	12.76	UG/L	97
68)	DIBROMOCHLOROMETHANE	6.459	129	95125	12.62	UG/L	98
69)	1,2-DIBROMOETHANE	6.549	107	89922	12.28	UG/L	100
72)	CHLOROBENZENE	7.039	112	258752	11.20	UG/L	99
73)	1,1,1,2-TETRACHLOROETHANE	7.137	131	85171	10.92	UG/L	99
74)	ETHYLBENZENE	7.170	91	455163	11.83	UG/L	98
75)	M/P-XYLENES	7.290	91	693067	23.29	UG/L	100
76)	0-XYLENE	7.672	91	353114	12.07	UG/L	100
77)	STYRENE	7.692	104	267644	11.58	UG/L	99
78)	BROMOFORM	7.845	173	60498	12.04	UG/L	99
79)	ISOPROPYLBENZENE	8.046	105	407446	14.12	UG/L	99
80)	CIS-1,4-DICHLORO-2-BUTENE	8.130	53	20903	8.76	UG/L	81
81)	1,1,2,2-TETRACHLOROETHANE	8.361	83	119515	13.09	UG/L	97
82)	1,4-DICHLORO-2-BUTENE(...	8.420	53	23284	12.75	UG/L	88
83)	BROMOBENZENE	8.303	77	155348	10.95	UG/L	99
84)	1,2,3-TRICHLOROPROPANE	8.381	75	88283	12.93	UG/L	99
85)	N-PROPYLBENZENE	8.450	91	473689	12.30	UG/L	100
86)	2-CHLOROT0LUENE	8.509	91	293832	12.06	UG/L	100
87)	1,3,5-TRIMETHYLBENZENE	8.634	105	322227	11.36	UG/L	100
88)	4-CHLOROTOLUENE	8.621	91	338237	11.79	UG/L	99
90)	TERT-BUTYLBENZENE	8.944	119	265595	10.90	UG/L	97
91)	1,2,4-TRIMETHYLBENZENE	8.994	105	319626	10.68	UG/L	100
92)	SEC-BUTYLBENZENE	9.162	105	365616	10.70	UG/L	99
93)	1,3-DICHLOROBENZENE	9.240	146	192597	10.80	UG/L	99
94)	P-ISOPROPYLTOLUENE	9.318	119	313454	11.55	UG/L	98
95)	1,4-DICHLOROBENZENE	9.329	146	194867	10.73	UG/L	99
96)	N-BUTYLBENZENE	9.719	91	259380	9.61	UG/L	98
97)	1,2-DICHLOROBENZENE	9.683	146	186085	10.72	UG/L	98
98)	1,2-DIBROMO-3-CHLOROPR...	10.461	75	14900	10.36	UG/L	91
99)	1,3,5-TRICHLOROBENZENE	10.667	180	107401	8.76	UG/L	98
100)	1,2,4-TRICHLOROBENZENE	11.270	180	80968	9.73	UG/L	98
101)	HEXACHLOROBUTADIENE	11.457	225	42094	10.24	UG/L	97
102)	NAPHTHALENE	11.498	128	143337	10.86	UG/L	100
103)	1,2,3-TRICHLOROBENZENE	11.735	180	69746	10.80	UG/L	98

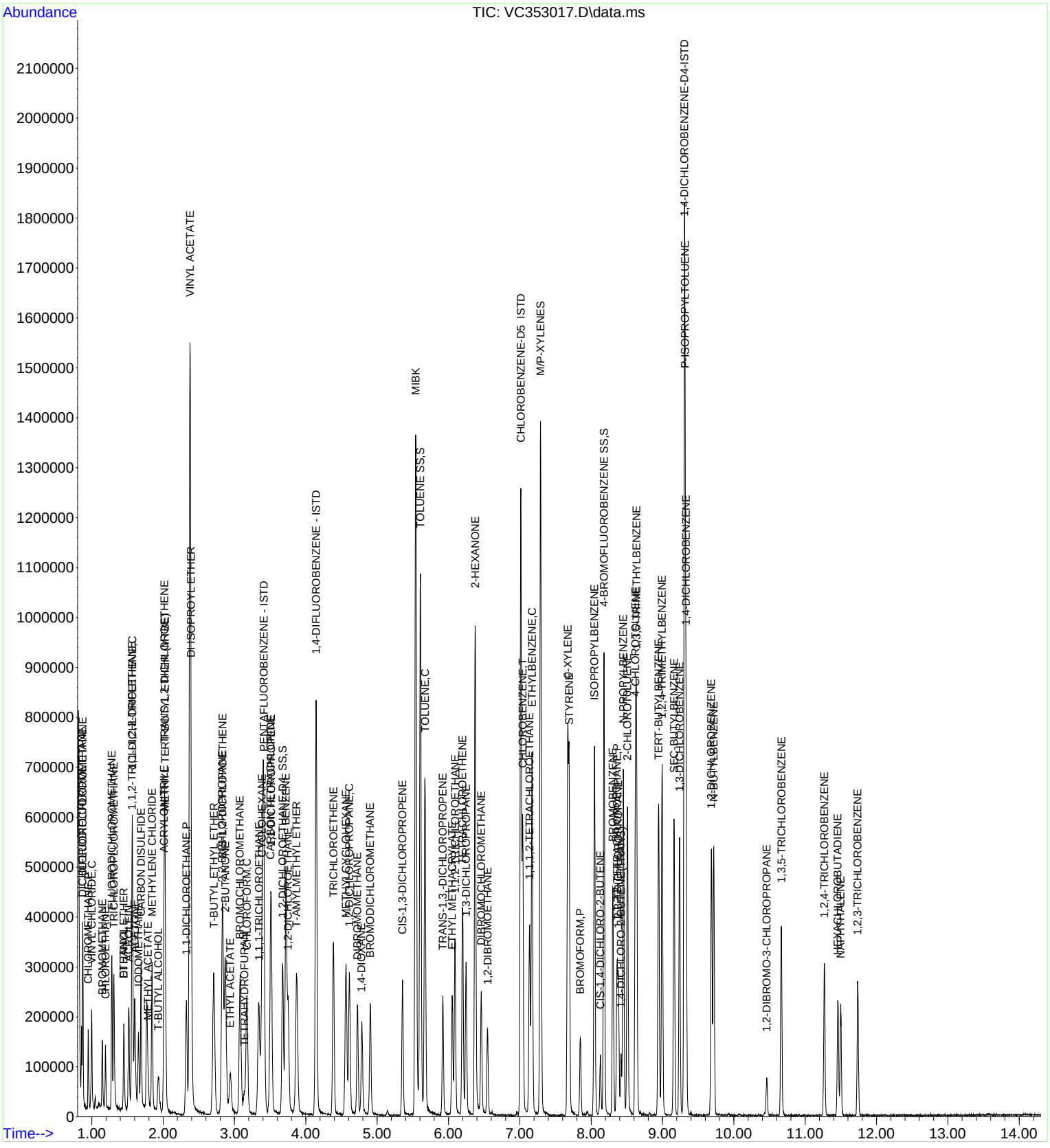
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : Y:\1\DATA\121911\VC353017.D
Acq On : 19 Dec 2011 2:17 pm
Sample : 11L0394-02msd @ MSD
Misc :
Quant Time: Dec 19 14:42:56 2011

Vial: 17
Operator:
Inst : GCMSVOA3
Multiplr: 1.00

Quant Method : X:\1\METHODS\C1207W11.M
Quant Title : 8260 WATER 5MLS VOAMS 5973 #3
QLast Update : Thu Dec 08 10:05:24 2011
Response via : Initial Calibration
DataAcq Meth:C1205W11.M



Data Package

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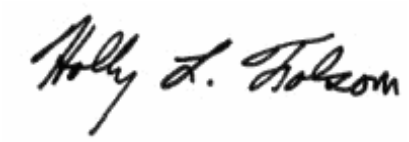
February 6, 2012

Rich Watt
Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086

Project Location: Farmingdale, NY
Client Job Number:
Project Number: 002699.ID25.03
Laboratory Work Order Number: 12A0882

Enclosed are results of analyses for samples received by the laboratory on January 28, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Holly L. Folsom
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Ecology & Environment
368 Pleasant View Drive
Lancaster, NY 14086
ATTN: Rich Watt

REPORT DATE: 2/6/2012

PURCHASE ORDER NUMBER: 002699.ID25.03

PROJECT NUMBER: 002699.ID25.03

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12A0882

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Farmingdale, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FPC-SB01	12A0882-01	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB02	12A0882-02	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB02/D	12A0882-03	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	
FPC-SB03	12A0882-04	Soil		SM 2540G	
				SW-846 6010C	
				SW-846 7471B	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
				SW846 9014	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SW-846 6010C

Qualifications:

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Antimony

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Magnesium

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

Sodium

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aluminum, Calcium, Iron

12A0882-04[FPC-SB03], B045655-MS1, B045655-MSD1

SW-846 8082A

Qualifications:

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016, Aroclor-1016 [2C], Aroclor-1260

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045275-BLK1, B045275-BS1, B045275-BSD1, B045275-MS1, B045275-MSD1

SW-846 8260C

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Trichlorofluoromethane (Freon 11)

B045245-BSD1

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Chloroethane

B045245-BSD1

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Naphthalene, tert-Butyl Alcohol (TBA)

12A0882-04[FPC-SB03], B045245-MS1, B045245-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2-Dichloroethane, Trichlorofluoromethane (Freon 11)

12A0882-04[FPC-SB03], B045245-MS1, B045245-MSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Tetrachloroethylene

B045245-MS1, B045245-MSD1

Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.

Analyte & Samples(s) Qualified:

sec-Butylbenzene

B045245-MS1, B045245-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Chloroethane

B045245-MS1

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1-Dichloroethylene, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Bromodichloromethane, Bromomethane, Carbon Tetrachloride, Isopropylbenzene (Cumene), tert-Butylbenzene, trans-1,4-Dichloro-2-butene

B045245-MS1, B045245-MSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

Chloroethane

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,1,1-Trichloroethane, 1,2-Dichloroethane, 2,2-Dichloropropane, Bromodichloromethane, Carbon Tetrachloride, Chlorodibromomethane, Dichlorodifluoromethane (Freon 12), Trichlorofluoromethane (Freon 11)

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Acetone, tert-Butyl Alcohol (TBA), Tetrahydrofuran

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045245-BLK1, B045245-BS1, B045245-BSD1, B045245-MS1, B045245-MSD1

SW-846 8270D

Qualifications:

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Benzidine, Benzoic Acid

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045341-BLK1, B045341-BS1, B045341-BSD1

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aniline, Benzidine, Benzoic Acid, Pyridine

12A0882-04[FPC-SB03], B045341-MS1, B045341-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

4-Chloroaniline

B045341-MS1

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

3,3-Dichlorobenzidine, Hexachlorocyclopentadiene

12A0882-04[FPC-SB03], B045341-MS1, B045341-MSD1

Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Benzidine, Benzoic Acid, Pentachlorophenol

B045341-BS1, B045341-BSD1, B045341-MS1, B045341-MSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Benzidine, Benzoic Acid, Pentachlorophenol

12A0882-01[FPC-SB01], 12A0882-02[FPC-SB02], 12A0882-03[FPC-SB02/D], 12A0882-04[FPC-SB03], B045341-BLK1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Acrylonitrile	ND	0.0040	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromochloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Bromomethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.027	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Carbon Disulfide	ND	0.0040	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chlorodibromomethane	ND	0.00067	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloroethane	ND	0.013	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Chloromethane	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3-Dichloropropane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
cis-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
trans-1,3-Dichloropropene	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Diethyl Ether	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,4-Dioxane	ND	0.067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Tetrahydrofuran	ND	0.0067	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3,5-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0067	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
Vinyl Chloride	ND	0.0067	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	87.2	70-130		1/30/12 12:22
Toluene-d8	92.0	70-130		1/30/12 12:22
4-Bromofluorobenzene	84.3	70-130		1/30/12 12:22

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzidine	ND	0.36	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(a)pyrene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(b)fluoranthene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Butylbenzylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chloroaniline	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chloro-3-methylphenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Dimethylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dinitrophenol	ND	0.70	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Di-n-octylphthalate	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Fluoranthene	0.39	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachlorocyclopentadiene	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
4-Nitrophenol	ND	0.70	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pentachlorophenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pyrene	0.21	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	73.6	30-130		2/2/12 16:50
Phenol-d6	85.8	30-130		2/2/12 16:50
Nitrobenzene-d5	63.8	30-130		2/2/12 16:50
2-Fluorobiphenyl	79.7	30-130		2/2/12 16:50
2,4,6-Tribromophenol	60.0	30-130		2/2/12 16:50
Terphenyl-d14	58.7	30-130		2/2/12 16:50

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 16:50	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Aldrin [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
alpha-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
beta-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
delta-BHC [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDD [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDE [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
4,4'-DDT [2]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Dieldrin [1]	ND	0.0041	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan I [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan II [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endosulfan sulfate [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin aldehyde [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Endrin ketone [1]	ND	0.0082	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Heptachlor [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Heptachlor epoxide [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Hexachlorobenzene [1]	ND	0.0051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Methoxychlor [2]	ND	0.051	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG
Toxaphene [1]	ND	0.10	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 22:46	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	49.7	30-150		2/1/12 22:46
Decachlorobiphenyl [2]	55.0	30-150		2/1/12 22:46
Tetrachloro-m-xylene [1]	57.2	30-150		2/1/12 22:46
Tetrachloro-m-xylene [2]	55.4	30-150		2/1/12 22:46

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 13:48	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	66.3	30-150		2/1/12 13:48
Decachlorobiphenyl [2]	62.2	30-150		2/1/12 13:48
Tetrachloro-m-xylene [1]	80.7	30-150		2/1/12 13:48
Tetrachloro-m-xylene [2]	80.4	30-150		2/1/12 13:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	3700	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Barium	160	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Calcium	8800	7.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Chromium	6.0	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Cobalt	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Copper	9.4	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Iron	5300	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Lead	53	0.76	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Magnesium	3100	7.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Manganese	62	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Mercury	0.032	0.026	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:56	AMR
Nickel	3.5	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Potassium	280	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Sodium	130	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Vanadium	12	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP
Zinc	43	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:18	OP

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB01 | Sampled: 1/27/2012 10:00

Sample ID: 12A0882-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.45	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	94.6		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Acrylonitrile	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Bromomethane	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chlorodibromomethane	ND	0.00085	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Chloromethane	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dibromoethane (EDB)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3-Dichloropropane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
cis-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
trans-1,3-Dichloropropene	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,4-Dioxane	ND	0.085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.00085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Tetrachloroethylene	0.0086	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Tetrahydrofuran	ND	0.0085	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0085	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
Vinyl Chloride	ND	0.0085	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:13	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.2	70-130		1/30/12 13:13
Toluene-d8	93.6	70-130		1/30/12 13:13
4-Bromofluorobenzene	80.1	70-130		1/30/12 13:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Acetophenone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Aniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzidine	ND	0.36	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(a)pyrene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(b)fluoranthene	0.25	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,3-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,4-Dichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Fluoranthene	0.23	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodimethylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pentachlorophenol	ND	0.36	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
Pyridine	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	67.1	30-130		2/2/12 15:28
Phenol-d6	77.9	30-130		2/2/12 15:28
Nitrobenzene-d5	56.4	30-130		2/2/12 15:28
2-Fluorobiphenyl	65.3	30-130		2/2/12 15:28
2,4,6-Tribromophenol	46.3	30-130		2/2/12 15:28
Terphenyl-d14	41.4	30-130		2/2/12 15:28

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 15:28	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDD [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDE [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
4,4'-DDT [2]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Dieldrin [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan II [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endosulfan sulfate [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin aldehyde [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Endrin ketone [1]	ND	0.0084	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Methoxychlor [2]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:03	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	65.1	30-150		2/1/12 23:03
Decachlorobiphenyl [2]	69.9	30-150		2/1/12 23:03
Tetrachloro-m-xylene [1]	73.0	30-150		2/1/12 23:03
Tetrachloro-m-xylene [2]	70.8	30-150		2/1/12 23:03

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:01	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	63.5	30-150		2/1/12 14:01
Decachlorobiphenyl [2]	60.5	30-150		2/1/12 14:01
Tetrachloro-m-xylene [1]	81.1	30-150		2/1/12 14:01
Tetrachloro-m-xylene [2]	81.6	30-150		2/1/12 14:01

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	4800	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Barium	140	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Cadmium	0.27	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Calcium	5900	7.9	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Chromium	7.3	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Cobalt	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Copper	19	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Iron	6500	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Lead	56	0.79	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Magnesium	1700	7.9	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Manganese	59	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Mercury	0.068	0.027	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:58	AMR
Nickel	4.8	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Potassium	310	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Sodium	150	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Vanadium	15	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP
Zinc	70	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:23	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02 | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.34	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	92.9		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Acrylonitrile	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Butanone (MEK)	ND	0.033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butyl Alcohol (TBA)	ND	0.033	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Carbon Disulfide	ND	0.0050	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chlorodibromomethane	ND	0.00084	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloroform	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloroethylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,4-Dioxane	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Naphthalene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Tetrachloroethylene	0.010	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
m+p Xylene	ND	0.0033	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 13:38	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	86.0	70-130		1/30/12 13:38
Toluene-d8	93.6	70-130		1/30/12 13:38
4-Bromofluorobenzene	81.1	70-130		1/30/12 13:38

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzidine	ND	0.37	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(b)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Butylbenzylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chloroaniline	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chloro-3-methylphenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Chrysene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Dimethylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dinitrophenol	ND	0.71	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Di-n-octylphthalate	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachlorocyclopentadiene	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
4-Nitrophenol	ND	0.71	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
Pyridine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	60.6	30-130		2/2/12 15:54
Phenol-d6	68.9	30-130		2/2/12 15:54
Nitrobenzene-d5	53.9	30-130		2/2/12 15:54
2-Fluorobiphenyl	62.9	30-130		2/2/12 15:54
2,4,6-Tribromophenol	48.7	30-130		2/2/12 15:54
Terphenyl-d14	40.0	30-130		2/2/12 15:54

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 15:54	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDD [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDE [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
4,4'-DDT [2]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Dieldrin [1]	ND	0.0043	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan II [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endosulfan sulfate [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin aldehyde [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Endrin ketone [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Methoxychlor [2]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 23:19	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	64.3	30-150		2/1/12 23:19
Decachlorobiphenyl [2]	68.2	30-150		2/1/12 23:19
Tetrachloro-m-xylene [1]	72.5	30-150		2/1/12 23:19
Tetrachloro-m-xylene [2]	69.7	30-150		2/1/12 23:19

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:13	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	73.8	30-150		2/1/12 14:13
Decachlorobiphenyl [2]	69.6	30-150		2/1/12 14:13
Tetrachloro-m-xylene [1]	90.4	30-150		2/1/12 14:13
Tetrachloro-m-xylene [2]	90.1	30-150		2/1/12 14:13

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	5000	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Barium	90	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Calcium	4300	7.8	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Chromium	6.8	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Cobalt	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Copper	11	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Iron	5800	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Lead	45	0.78	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Magnesium	1100	7.8	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Manganese	50	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Mercury	0.045	0.026	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 17:00	AMR
Nickel	3.4	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Potassium	270	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Sodium	110	100	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Vanadium	12	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP
Zinc	66	1.0	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 13:28	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB02/D | Sampled: 1/27/2012 11:00

Sample ID: 12A0882-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.42	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	92.8		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Acrylonitrile	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromochloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.034	mg/Kg dry	1	MS-07A, V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chlorodibromomethane	ND	0.00084	mg/Kg dry	1	MS-07A, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloroethane	ND	0.017	mg/Kg dry	1	R-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dibromoethane (EDB)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1	MS-07A, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1	L-04, MS-09, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Diethyl Ether	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,4-Dioxane	ND	0.084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1	MS-07A	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Tetrachloroethylene	0.019	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1	V-16	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1	MS-07A	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3,5-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1	V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1	MS-09, V-05	SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	1/30/12	1/30/12 12:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	82.4	70-130		1/30/12 12:47
Toluene-d8	93.6	70-130		1/30/12 12:47
4-Bromofluorobenzene	80.1	70-130		1/30/12 12:47

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Acetophenone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Aniline	ND	0.37	mg/Kg dry	1	MS-09	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzidine	ND	0.37	mg/Kg dry	1	L-04, MS-09, V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Benzoic Acid	ND	1.1	mg/Kg dry	1	L-04, MS-09, V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Butylbenzylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,3-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,4-Dichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1	R-06	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Dimethylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Di-n-octylphthalate	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachlorocyclopentadiene	ND	0.72	mg/Kg dry	1	R-06	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodimethylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pentachlorophenol	ND	0.37	mg/Kg dry	1	V-20	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
Pyridine	ND	0.37	mg/Kg dry	1	MS-09	SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

Surrogates	% Recovery	Recovery Limits	Flag	
2-Fluorophenol	68.6	30-130		2/2/12 16:20
Phenol-d6	72.7	30-130		2/2/12 16:20
Nitrobenzene-d5	61.5	30-130		2/2/12 16:20
2-Fluorobiphenyl	68.6	30-130		2/2/12 16:20
2,4,6-Tribromophenol	69.9	30-130		2/2/12 16:20
Terphenyl-d14	50.0	30-130		2/2/12 16:20

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8270D	1/31/12	2/2/12 16:20	CDT

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Alachlor [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Aldrin [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
alpha-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
beta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
delta-BHC [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
gamma-BHC (Lindane) [1]	ND	0.0021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Chlordane [1]	ND	0.021	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDD [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDE [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
4,4'-DDT [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Dieldrin [1]	ND	0.0042	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan I [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan II [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endosulfan sulfate [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin aldehyde [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Endrin ketone [1]	ND	0.0085	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Heptachlor [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Heptachlor epoxide [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Hexachlorobenzene [1]	ND	0.0053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Methoxychlor [1]	ND	0.053	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG
Toxaphene [1]	ND	0.11	mg/Kg dry	1		SW-846 8081B	1/31/12	2/1/12 19:42	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	74.9	30-150		2/1/12 19:42
Decachlorobiphenyl [2]	77.8	30-150		2/1/12 19:42
Tetrachloro-m-xylene [1]	78.1	30-150		2/1/12 19:42
Tetrachloro-m-xylene [2]	77.9	30-150		2/1/12 19:42

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5	R-05	SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	1/31/12	2/1/12 14:26	MJC

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	76.1	30-150		2/1/12 14:26
Decachlorobiphenyl [2]	71.6	30-150		2/1/12 14:26
Tetrachloro-m-xylene [1]	90.6	30-150		2/1/12 14:26
Tetrachloro-m-xylene [2]	90.3	30-150		2/1/12 14:26

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum	7800	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Antimony	ND	2.7	mg/Kg dry	1	MS-07A	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Barium	13	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Calcium	450	8.0	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Chromium	6.0	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Cobalt	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Copper	2.1	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Iron	6500	2.7	mg/Kg dry	1	MS-19	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Lead	7.3	0.80	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Magnesium	400	8.0	mg/Kg dry	1	MS-12	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Manganese	17	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	1/30/12	1/30/12 16:28	AMR
Nickel	2.4	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Potassium	280	110	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Sodium	ND	110	mg/Kg dry	1	MS-15	SW-846 6010C	2/1/12	2/6/12 12:13	OP
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Vanadium	11	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP
Zinc	13	1.1	mg/Kg dry	1		SW-846 6010C	2/1/12	2/6/12 12:13	OP

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Project Location: Farmingdale, NY | Sample Description: | Work Order: 12A0882

Date Received: 1/28/2012

Field Sample #: FPC-SB03 | Sampled: 1/27/2012 12:00

Sample ID: 12A0882-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Cyanide	ND	0.38	mg/Kg dry	1		SW846 9014	2/3/12	2/3/12 9:05	VAK
% Solids	91.5		% Wt	1		SM 2540G	2/2/12	2/3/12 11:20	PJS

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12A0882-01 [FPC-SB01]	B045524	02/02/12
12A0882-02 [FPC-SB02]	B045524	02/02/12
12A0882-03 [FPC-SB02/D]	B045524	02/02/12
12A0882-04 [FPC-SB03]	B045524	02/02/12

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045655	1.04	50.0	02/01/12
12A0882-02 [FPC-SB02]	B045655	1.02	50.0	02/01/12
12A0882-03 [FPC-SB02/D]	B045655	1.03	50.0	02/01/12
12A0882-04 [FPC-SB03]	B045655	1.03	50.0	02/01/12

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045193	0.605	50.0	01/30/12
12A0882-02 [FPC-SB02]	B045193	0.606	50.0	01/30/12
12A0882-03 [FPC-SB02/D]	B045193	0.610	50.0	01/30/12
12A0882-04 [FPC-SB03]	B045193	0.598	50.0	01/30/12

Prep Method: SW-846 3546-SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045472	10.3	10.0	01/31/12
12A0882-02 [FPC-SB02]	B045472	10.2	10.0	01/31/12
12A0882-03 [FPC-SB02/D]	B045472	10.1	10.0	01/31/12
12A0882-04 [FPC-SB03]	B045472	10.3	10.0	01/31/12

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045275	10.3	10.0	01/31/12
12A0882-02 [FPC-SB02]	B045275	10.2	10.0	01/31/12
12A0882-03 [FPC-SB02/D]	B045275	10.1	10.0	01/31/12
12A0882-04 [FPC-SB03]	B045275	10.3	10.0	01/31/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045245	7.93	10.0	01/30/12
12A0882-02 [FPC-SB02]	B045245	6.31	10.0	01/30/12
12A0882-03 [FPC-SB02/D]	B045245	6.44	10.0	01/30/12
12A0882-04 [FPC-SB03]	B045245	6.48	10.0	01/30/12

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045341	30.1	1.00	01/31/12
12A0882-02 [FPC-SB02]	B045341	30.2	1.00	01/31/12
12A0882-03 [FPC-SB02/D]	B045341	30.0	1.00	01/31/12
12A0882-04 [FPC-SB03]	B045341	30.1	1.00	01/31/12

SW846 9014

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12A0882-01 [FPC-SB01]	B045459	1.18	50.0	02/03/12
12A0882-02 [FPC-SB02]	B045459	1.61	50.0	02/03/12
12A0882-03 [FPC-SB02/D]	B045459	1.27	50.0	02/03/12
12A0882-04 [FPC-SB03]	B045459	1.42	50.0	02/03/12

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035										
Blank (B045245-BLK1)				Prepared & Analyzed: 01/30/12						
Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							V-05
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							V-05
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							V-05
Chloroethane	ND	0.020	mg/Kg wet							R-05
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							L-04, V-05
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							V-05
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035											
Blank (B045245-BLK1)				Prepared & Analyzed: 01/30/12							
Methylene Chloride	ND	0.020	mg/Kg wet								
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet								
Naphthalene	ND	0.0040	mg/Kg wet								
n-Propylbenzene	ND	0.0020	mg/Kg wet								
Styrene	ND	0.0020	mg/Kg wet								
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet								
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16	
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							V-05	
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							V-05	
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0407*		mg/Kg wet	0.0500		81.4	70-130				
Surrogate: Toluene-d8	*0.0479*		mg/Kg wet	0.0500		95.8	70-130				
Surrogate: 4-Bromofluorobenzene	*0.0464*		mg/Kg wet	0.0500		92.8	70-130				
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12							
Acetone	0.187	0.10	mg/Kg wet	0.200		93.7	70-160			V-16	†
Acrylonitrile	0.0176	0.0060	mg/Kg wet	0.0200		88.2	70-130				
tert-Amyl Methyl Ether (TAME)	0.0189	0.0010	mg/Kg wet	0.0200		94.7	70-130				
Benzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130				
Bromobenzene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130				
Bromochloromethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130				
Bromodichloromethane	0.0148	0.0020	mg/Kg wet	0.0200		74.2	70-130			V-05	
Bromoform	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130				
Bromomethane	0.0127	0.010	mg/Kg wet	0.0200		63.4	40-130				†
2-Butanone (MEK)	0.179	0.040	mg/Kg wet	0.200		89.6	70-160				†
tert-Butyl Alcohol (TBA)	0.141	0.040	mg/Kg wet	0.200		70.3	40-130			V-16	†
n-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130				
sec-Butylbenzene	0.0229	0.0020	mg/Kg wet	0.0200		115	70-130				
tert-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-160				†
tert-Butyl Ethyl Ether (TBEE)	0.0157	0.0010	mg/Kg wet	0.0200		78.3	70-130				
Carbon Disulfide	0.0210	0.0060	mg/Kg wet	0.0200		105	70-130				
Carbon Tetrachloride	0.0151	0.0020	mg/Kg wet	0.0200		75.5	70-130			V-05	
Chlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130				
Chlorodibromomethane	0.0149	0.0010	mg/Kg wet	0.0200		74.4	70-130			V-05	
Chloroethane	0.0165	0.020	mg/Kg wet	0.0200		82.6	70-130			R-05	
Chloroform	0.0174	0.0040	mg/Kg wet	0.0200		86.9	70-130				
Chloromethane	0.0203	0.010	mg/Kg wet	0.0200		102	70-130				
2-Chlorotoluene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035												
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12								
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.7		70-130				
1,2-Dibromo-3-chloropropane (DBCP)	0.0157	0.0020	mg/Kg wet	0.0200		78.6		70-130				
1,2-Dibromoethane (EDB)	0.0186	0.0010	mg/Kg wet	0.0200		93.0		70-130				
Dibromomethane	0.0179	0.0020	mg/Kg wet	0.0200		89.5		70-130				
1,2-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130				
1,3-Dichlorobenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
1,4-Dichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6		70-130				
trans-1,4-Dichloro-2-butene	0.0155	0.0040	mg/Kg wet	0.0200		77.3		70-130				
Dichlorodifluoromethane (Freon 12)	0.0155	0.020	mg/Kg wet	0.0200		77.6		40-160			V-05	†
1,1-Dichloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.7		70-130				
1,2-Dichloroethane	0.0132	0.0020	mg/Kg wet	0.0200		**65.8**	*	70-130			V-05, L-04	
1,1-Dichloroethylene	0.0160	0.0040	mg/Kg wet	0.0200		80.0		70-130				
cis-1,2-Dichloroethylene	0.0172	0.0020	mg/Kg wet	0.0200		85.8		70-130				
trans-1,2-Dichloroethylene	0.0189	0.0020	mg/Kg wet	0.0200		94.4		70-130				
1,2-Dichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130				
1,3-Dichloropropane	0.0187	0.0010	mg/Kg wet	0.0200		93.6		70-130				
2,2-Dichloropropane	0.0152	0.0020	mg/Kg wet	0.0200		76.2		70-130			V-05	
1,1-Dichloropropene	0.0185	0.0020	mg/Kg wet	0.0200		92.3		70-130				
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.7		70-130				
trans-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.7		70-130				
Diethyl Ether	0.0206	0.020	mg/Kg wet	0.0200		103		70-130				
Diisopropyl Ether (DIPE)	0.0180	0.0010	mg/Kg wet	0.0200		89.9		70-130				
1,4-Dioxane	0.173	0.10	mg/Kg wet	0.200		86.6		40-160			V-16	†
Ethylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130				
Hexachlorobutadiene	0.0174	0.0020	mg/Kg wet	0.0200		87.1		70-160				
2-Hexanone (MBK)	0.155	0.020	mg/Kg wet	0.200		77.5		70-160				†
Isopropylbenzene (Cumene)	0.0260	0.0020	mg/Kg wet	0.0200		130		70-130				
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130				
Methyl tert-Butyl Ether (MTBE)	0.0170	0.0040	mg/Kg wet	0.0200		85.0		70-130				
Methylene Chloride	0.0166	0.020	mg/Kg wet	0.0200		82.9		40-160				†
4-Methyl-2-pentanone (MIBK)	0.151	0.020	mg/Kg wet	0.200		75.4		70-160				†
Naphthalene	0.0196	0.0040	mg/Kg wet	0.0200		98.1		40-130				†
n-Propylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		110		70-130				
Styrene	0.0229	0.0020	mg/Kg wet	0.0200		114		70-130				
1,1,1,2-Tetrachloroethane	0.0183	0.0020	mg/Kg wet	0.0200		91.3		70-130				
1,1,2,2-Tetrachloroethane	0.0224	0.0010	mg/Kg wet	0.0200		112		70-130				
Tetrachloroethylene	0.0179	0.0020	mg/Kg wet	0.0200		89.7		70-130				
Tetrahydrofuran	0.0213	0.010	mg/Kg wet	0.0200		107		70-130			V-16	
Toluene	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130				
1,2,3-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,2,4-Trichlorobenzene	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130				
1,1,1-Trichloroethane	0.0148	0.0020	mg/Kg wet	0.0200		74.2		70-130			V-05	
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6		70-130				
Trichloroethylene	0.0182	0.0020	mg/Kg wet	0.0200		90.9		70-130				
Trichlorofluoromethane (Freon 11)	0.0142	0.010	mg/Kg wet	0.0200		71.1		70-130			V-05	
1,2,3-Trichloropropane	0.0186	0.0020	mg/Kg wet	0.0200		93.0		70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0167	0.010	mg/Kg wet	0.0200		83.5		70-130				
1,2,4-Trimethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		106		70-130				
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130				
Vinyl Chloride	0.0195	0.010	mg/Kg wet	0.0200		97.3		40-130				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes	
Batch B045245 - SW-846 5035													
LCS (B045245-BS1)				Prepared & Analyzed: 01/30/12									
m+p Xylene	0.0410	0.0040	mg/Kg wet	0.0400		102		70-130					
o-Xylene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130					
Surrogate: 1,2-Dichloroethane-d4	*0.0399*		mg/Kg wet	0.0500		79.8		70-130					
Surrogate: Toluene-d8	*0.0483*		mg/Kg wet	0.0500		96.7		70-130					
Surrogate: 4-Bromofluorobenzene	*0.0476*		mg/Kg wet	0.0500		95.2		70-130					
LCS Dup (B045245-BSD1)				Prepared & Analyzed: 01/30/12									
Acetone	0.164	0.10	mg/Kg wet	0.200		81.9		70-160	13.4		25	V-16	†
Acrylonitrile	0.0179	0.0060	mg/Kg wet	0.0200		89.7		70-130	1.69		25		
tert-Amyl Methyl Ether (TAME)	0.0187	0.0010	mg/Kg wet	0.0200		93.4		70-130	1.38		25		
Benzene	0.0222	0.0020	mg/Kg wet	0.0200		111		70-130	1.52		25		
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4		70-130	0.504		25		
Bromochloromethane	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130	0.674		25		
Bromodichloromethane	0.0145	0.0020	mg/Kg wet	0.0200		72.4		70-130	2.46		25	V-05	
Bromoform	0.0169	0.0020	mg/Kg wet	0.0200		84.7		70-130	0.949		25		
Bromomethane	0.0115	0.010	mg/Kg wet	0.0200		57.5		40-130	9.76		25		†
2-Butanone (MEK)	0.168	0.040	mg/Kg wet	0.200		83.8		70-160	6.61		25		†
tert-Butyl Alcohol (TBA)	0.144	0.040	mg/Kg wet	0.200		72.2		40-130	2.57		25	V-16	†
n-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108		70-130	2.03		25		
sec-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112		70-130	2.56		25		
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-160	1.59		25		†
tert-Butyl Ethyl Ether (TBEE)	0.0156	0.0010	mg/Kg wet	0.0200		78.0		70-130	0.384		25		
Carbon Disulfide	0.0214	0.0060	mg/Kg wet	0.0200		107		70-130	1.98		25		
Carbon Tetrachloride	0.0144	0.0020	mg/Kg wet	0.0200		72.0		70-130	4.75		25	V-05	
Chlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108		70-130	0.557		25		
Chlorodibromomethane	0.0149	0.0010	mg/Kg wet	0.0200		74.5		70-130	0.134		25	V-05	
Chloroethane	0.0124	0.020	mg/Kg wet	0.0200		**61.9**	*	70-130	**28.7**	*	25	L-07A, R-05	
Chloroform	0.0169	0.0040	mg/Kg wet	0.0200		84.6		70-130	2.68		25		
Chloromethane	0.0195	0.010	mg/Kg wet	0.0200		97.3		70-130	4.32		25		
2-Chlorotoluene	0.0201	0.0020	mg/Kg wet	0.0200		101		70-130	1.68		25		
4-Chlorotoluene	0.0194	0.0020	mg/Kg wet	0.0200		97.2		70-130	2.54		25		
1,2-Dibromo-3-chloropropane (DBCP)	0.0155	0.0020	mg/Kg wet	0.0200		77.7		70-130	1.15		25		
1,2-Dibromoethane (EDB)	0.0183	0.0010	mg/Kg wet	0.0200		91.5		70-130	1.63		25		
Dibromomethane	0.0179	0.0020	mg/Kg wet	0.0200		89.3		70-130	0.224		25		
1,2-Dichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112		70-130	3.45		25		
1,3-Dichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110		70-130	0.273		25		
1,4-Dichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	0.401		25		
trans-1,4-Dichloro-2-butene	0.0157	0.0040	mg/Kg wet	0.0200		78.3		70-130	1.29		25		
Dichlorodifluoromethane (Freon 12)	0.0148	0.020	mg/Kg wet	0.0200		73.9		40-160	4.88		25	V-05	†
1,1-Dichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.2		70-130	2.59		25		
1,2-Dichloroethane	0.0131	0.0020	mg/Kg wet	0.0200		**65.7**	*	70-130	0.152		25	L-04, V-05	
1,1-Dichloroethylene	0.0154	0.0040	mg/Kg wet	0.0200		76.8		70-130	4.08		25		
cis-1,2-Dichloroethylene	0.0165	0.0020	mg/Kg wet	0.0200		82.5		70-130	3.92		25		
trans-1,2-Dichloroethylene	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130	4.88		25		
1,2-Dichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130	1.08		25		
1,3-Dichloropropane	0.0189	0.0010	mg/Kg wet	0.0200		94.4		70-130	0.851		25		
2,2-Dichloropropane	0.0147	0.0020	mg/Kg wet	0.0200		73.6		70-130	3.47		25	V-05	
1,1-Dichloropropene	0.0180	0.0020	mg/Kg wet	0.0200		89.9		70-130	2.63		25		
cis-1,3-Dichloropropene	0.0188	0.0010	mg/Kg wet	0.0200		93.8		70-130	2.26		25		
trans-1,3-Dichloropropene	0.0174	0.0010	mg/Kg wet	0.0200		87.0		70-130	3.06		25		
Diethyl Ether	0.0192	0.020	mg/Kg wet	0.0200		96.2		70-130	6.92		25		
Diisopropyl Ether (DIPE)	0.0174	0.0010	mg/Kg wet	0.0200		87.1		70-130	3.16		25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045245 - SW-846 5035												
LCS Dup (B045245-BSD1)				Prepared & Analyzed: 01/30/12								
1,4-Dioxane	0.206	0.10	mg/Kg wet	0.200		103		40-160	17.1	50	V-16	† ‡
Ethylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130	3.31	25		
Hexachlorobutadiene	0.0165	0.0020	mg/Kg wet	0.0200		82.6		70-160	5.30	25		
2-Hexanone (MBK)	0.153	0.020	mg/Kg wet	0.200		76.6		70-160	1.06	25		†
Isopropylbenzene (Cumene)	0.0253	0.0020	mg/Kg wet	0.0200		126		70-130	2.88	25		
p-Isopropyltoluene (p-Cymene)	0.0195	0.0020	mg/Kg wet	0.0200		97.6		70-130	1.42	25		
Methyl tert-Butyl Ether (MTBE)	0.0165	0.0040	mg/Kg wet	0.0200		82.3		70-130	3.23	25		
Methylene Chloride	0.0160	0.020	mg/Kg wet	0.0200		80.1		40-160	3.44	25		†
4-Methyl-2-pentanone (MIBK)	0.149	0.020	mg/Kg wet	0.200		74.6		70-160	1.05	25		†
Naphthalene	0.0204	0.0040	mg/Kg wet	0.0200		102		40-130	3.90	25		†
n-Propylbenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	2.40	25		
Styrene	0.0228	0.0020	mg/Kg wet	0.0200		114		70-130	0.175	25		
1,1,1,2-Tetrachloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2		70-130	0.981	25		
1,1,2,2-Tetrachloroethane	0.0229	0.0010	mg/Kg wet	0.0200		114		70-130	2.21	25		
Tetrachloroethylene	0.0172	0.0020	mg/Kg wet	0.0200		85.8		70-130	4.44	25		
Tetrahydrofuran	0.0209	0.010	mg/Kg wet	0.0200		104		70-130	2.27	25	V-16	
Toluene	0.0179	0.0020	mg/Kg wet	0.0200		89.6		70-130	2.86	25		
1,2,3-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.51	25		
1,2,4-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107		70-130	1.50	25		
1,3,5-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130	2.47	25		
1,1,1-Trichloroethane	0.0146	0.0020	mg/Kg wet	0.0200		73.1		70-130	1.49	25	V-05	
1,1,2-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3		70-130	0.305	25		
Trichloroethylene	0.0175	0.0020	mg/Kg wet	0.0200		87.3		70-130	4.04	25		
Trichlorofluoromethane (Freon 11)	0.0137	0.010	mg/Kg wet	0.0200		**68.6**	*	70-130	3.58	25	L-07, V-05	
1,2,3-Trichloropropane	0.0185	0.0020	mg/Kg wet	0.0200		92.5		70-130	0.539	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0168	0.010	mg/Kg wet	0.0200		84.2		70-130	0.835	25		
1,2,4-Trimethylbenzene	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130	1.33	25		
1,3,5-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9		70-130	3.35	25		
Vinyl Chloride	0.0197	0.010	mg/Kg wet	0.0200		98.4		40-130	1.12	25		†
m+p Xylene	0.0401	0.0040	mg/Kg wet	0.0400		100		70-130	2.27	25		
o-Xylene	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130	1.46	25		
Surrogate: 1,2-Dichloroethane-d4	*0.0400*		mg/Kg wet	0.0500		80.0		70-130				
Surrogate: Toluene-d8	*0.0485*		mg/Kg wet	0.0500		96.9		70-130				
Surrogate: 4-Bromofluorobenzene	*0.0474*		mg/Kg wet	0.0500		94.9		70-130				
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12								
Acetone	0.119	0.070	mg/Kg dry	0.140	ND	85.2		70-130			V-16	
Acrylonitrile	0.0124	0.0042	mg/Kg dry	0.0140	ND	88.4		70-130				
tert-Amyl Methyl Ether (TAME)	0.0129	0.00070	mg/Kg dry	0.0140	ND	92.5		70-130				
Benzene	0.0173	0.0014	mg/Kg dry	0.0140	ND	124		70-130				
Bromobenzene	0.0127	0.0014	mg/Kg dry	0.0140	ND	91.0		70-130				
Bromochloromethane	0.0145	0.0014	mg/Kg dry	0.0140	ND	104		70-130				
Bromodichloromethane	0.00912	0.0014	mg/Kg dry	0.0140	ND	**65.2**	*	70-130			MS-24, V-05	
Bromoform	0.00996	0.0014	mg/Kg dry	0.0140	ND	71.2		70-130				
Bromomethane	0.00788	0.0070	mg/Kg dry	0.0140	ND	**56.3**	*	70-130			MS-24	
2-Butanone (MEK)	0.123	0.028	mg/Kg dry	0.140	ND	88.0		70-130				
tert-Butyl Alcohol (TBA)	0.0827	0.028	mg/Kg dry	0.140	ND	**59.1**	*	70-130			MS-07A, V-16	
n-Butylbenzene	0.0163	0.0014	mg/Kg dry	0.0140	ND	116		70-130				
sec-Butylbenzene	0.0185	0.0014	mg/Kg dry	0.0140	ND	**132**	*	70-130			MS-15	
tert-Butylbenzene	0.0178	0.0014	mg/Kg dry	0.0140	ND	127		70-130				
tert-Butyl Ethyl Ether (TBEE)	0.00999	0.00070	mg/Kg dry	0.0140	ND	71.4		70-130				
Carbon Disulfide	0.0105	0.0042	mg/Kg dry	0.0140	ND	74.7		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Carbon Tetrachloride	0.00931	0.0014	mg/Kg dry	0.0140	ND	**66.5**	*	70-130			MS-24, V-05
Chlorobenzene	0.0160	0.0014	mg/Kg dry	0.0140	ND	114		70-130			
Chlorodibromomethane	0.00855	0.00070	mg/Kg dry	0.0140	ND	**61.1**	*	70-130			MS-07A, V-05
Chloroethane	0.00964	0.014	mg/Kg dry	0.0140	ND	**68.9**	*	70-130			MS-22, R-05
Chloroform	0.0116	0.0028	mg/Kg dry	0.0140	ND	83.1		70-130			
Chloromethane	0.0121	0.0070	mg/Kg dry	0.0140	ND	86.8		70-130			
2-Chlorotoluene	0.0134	0.0014	mg/Kg dry	0.0140	ND	95.9		70-130			
4-Chlorotoluene	0.0128	0.0014	mg/Kg dry	0.0140	ND	91.4		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0103	0.0014	mg/Kg dry	0.0140	ND	73.8		70-130			
1,2-Dibromoethane (EDB)	0.0116	0.00070	mg/Kg dry	0.0140	ND	83.1		70-130			
Dibromomethane	0.0117	0.0014	mg/Kg dry	0.0140	ND	83.9		70-130			
1,2-Dichlorobenzene	0.0152	0.0014	mg/Kg dry	0.0140	ND	109		70-130			
1,3-Dichlorobenzene	0.0156	0.0014	mg/Kg dry	0.0140	ND	112		70-130			
1,4-Dichlorobenzene	0.0144	0.0014	mg/Kg dry	0.0140	ND	103		70-130			
trans-1,4-Dichloro-2-butene	0.00953	0.0028	mg/Kg dry	0.0140	ND	**68.1**	*	70-130			MS-24
Dichlorodifluoromethane (Freon 12)	0.00834	0.014	mg/Kg dry	0.0140	ND	**59.6**	*	70-130			MS-07A, V-05
1,1-Dichloroethane	0.0137	0.0014	mg/Kg dry	0.0140	ND	98.1		70-130			
1,2-Dichloroethane	0.00800	0.0014	mg/Kg dry	0.0140	ND	**57.2**	*	70-130			L-04, MS-09, V-05
1,1-Dichloroethylene	0.00914	0.0028	mg/Kg dry	0.0140	ND	**65.3**	*	70-130			MS-24
cis-1,2-Dichloroethylene	0.0116	0.0014	mg/Kg dry	0.0140	ND	83.0		70-130			
trans-1,2-Dichloroethylene	0.0131	0.0014	mg/Kg dry	0.0140	ND	93.9		70-130			
1,2-Dichloropropane	0.0137	0.0014	mg/Kg dry	0.0140	ND	97.7		70-130			
1,3-Dichloropropane	0.0125	0.00070	mg/Kg dry	0.0140	ND	89.0		70-130			
2,2-Dichloropropane	0.00950	0.0014	mg/Kg dry	0.0140	ND	**67.9**	*	70-130			MS-24, V-05
1,1-Dichloropropene	0.0127	0.0014	mg/Kg dry	0.0140	ND	91.0		70-130			
cis-1,3-Dichloropropene	0.0116	0.00070	mg/Kg dry	0.0140	ND	82.9		70-130			
trans-1,3-Dichloropropene	0.0104	0.00070	mg/Kg dry	0.0140	ND	74.0		70-130			
Diethyl Ether	0.0114	0.014	mg/Kg dry	0.0140	ND	81.4		70-130			
Diisopropyl Ether (DIPE)	0.0117	0.00070	mg/Kg dry	0.0140	ND	83.8		70-130			
1,4-Dioxane	0.134	0.070	mg/Kg dry	0.140	ND	95.7		70-130			V-16
Ethylbenzene	0.0153	0.0014	mg/Kg dry	0.0140	ND	109		70-130			
Hexachlorobutadiene	0.0110	0.0014	mg/Kg dry	0.0140	ND	78.3		70-130			
2-Hexanone (MBK)	0.0979	0.014	mg/Kg dry	0.140	ND	70.0		70-130			MS-24
Isopropylbenzene (Cumene)	0.0185	0.0014	mg/Kg dry	0.0140	ND	**132**	*	70-130			MS-24
p-Isopropyltoluene (p-Cymene)	0.0161	0.0014	mg/Kg dry	0.0140	ND	115		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0110	0.0028	mg/Kg dry	0.0140	ND	78.9		70-130			
Methylene Chloride	0.0113	0.014	mg/Kg dry	0.0140	ND	80.8		70-130			
4-Methyl-2-pentanone (MIBK)	0.0942	0.014	mg/Kg dry	0.140	ND	**67.3**	*	70-130			MS-24
Naphthalene	0.00805	0.0028	mg/Kg dry	0.0140	ND	**57.5**	*	70-130			MS-07A
n-Propylbenzene	0.0151	0.0014	mg/Kg dry	0.0140	ND	108		70-130			
Styrene	0.0158	0.0014	mg/Kg dry	0.0140	ND	113		70-130			
1,1,1,2-Tetrachloroethane	0.0124	0.0014	mg/Kg dry	0.0140	ND	88.8		70-130			
1,1,2,2-Tetrachloroethane	0.0163	0.00070	mg/Kg dry	0.0140	ND	117		70-130			
Tetrachloroethylene	0.0242	0.0014	mg/Kg dry	0.0140	0.0193	**34.8**	*	70-130			MS-12
Tetrahydrofuran	0.0126	0.0070	mg/Kg dry	0.0140	ND	89.7		70-130			V-16
Toluene	0.0126	0.0014	mg/Kg dry	0.0140	ND	90.1		70-130			
1,2,3-Trichlorobenzene	0.00877	0.0014	mg/Kg dry	0.0140	ND	**62.7**	*	70-130			MS-07A
1,2,4-Trichlorobenzene	0.00918	0.0014	mg/Kg dry	0.0140	ND	**65.6**	*	70-130			MS-24
1,3,5-Trichlorobenzene	0.0120	0.0014	mg/Kg dry	0.0140	ND	85.6		70-130			
1,1,1-Trichloroethane	0.00945	0.0014	mg/Kg dry	0.0140	ND	**67.5**	*	70-130			MS-24, V-05
1,1,2-Trichloroethane	0.0136	0.0014	mg/Kg dry	0.0140	ND	97.3		70-130			
Trichloroethylene	0.0119	0.0014	mg/Kg dry	0.0140	ND	84.9		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike (B045245-MS1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Trichlorofluoromethane (Freon 11)	0.00828	0.0070	mg/Kg dry	0.0140	ND	**59.2**	*	70-130			MS-09, V-05
1,2,3-Trichloropropane	0.0124	0.0014	mg/Kg dry	0.0140	ND	88.8		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.00964	0.0070	mg/Kg dry	0.0140	ND	**68.9**	*	70-130			MS-24
1,2,4-Trimethylbenzene	0.0167	0.0014	mg/Kg dry	0.0140	ND	119		70-130			
1,3,5-Trimethylbenzene	0.0130	0.0014	mg/Kg dry	0.0140	ND	93.0		70-130			
Vinyl Chloride	0.0109	0.0070	mg/Kg dry	0.0140	ND	77.7		70-130			
m+p Xylene	0.0289	0.0028	mg/Kg dry	0.0280	ND	103		70-130			
o-Xylene	0.0141	0.0014	mg/Kg dry	0.0140	ND	101		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0260*		mg/Kg dry	0.0350		74.2		70-130			
Surrogate: Toluene-d8	*0.0337*		mg/Kg dry	0.0350		96.3		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0306*		mg/Kg dry	0.0350		87.5		70-130			
Matrix Spike Dup (B045245-MSD1)		**Source: 12A0882-04**		Prepared & Analyzed: 01/30/12							
Acetone	0.122	0.066	mg/Kg dry	0.132	ND	92.3		70-130	2.08	30	V-16
Acrylonitrile	0.0113	0.0040	mg/Kg dry	0.0132	ND	85.7		70-130	9.06	30	
tert-Amyl Methyl Ether (TAME)	0.0114	0.00066	mg/Kg dry	0.0132	ND	86.2		70-130	13.0	30	
Benzene	0.0141	0.0013	mg/Kg dry	0.0132	ND	107		70-130	20.8	30	
Bromobenzene	0.0116	0.0013	mg/Kg dry	0.0132	ND	87.8		70-130	9.54	30	
Bromochloromethane	0.0128	0.0013	mg/Kg dry	0.0132	ND	97.1		70-130	12.4	30	
Bromodichloromethane	0.00935	0.0013	mg/Kg dry	0.0132	ND	70.9		70-130	2.42	30	V-05
Bromoform	0.00980	0.0013	mg/Kg dry	0.0132	ND	74.3		70-130	1.70	30	
Bromomethane	0.00928	0.0066	mg/Kg dry	0.0132	ND	70.4		70-130	16.3	30	
2-Butanone (MEK)	0.109	0.026	mg/Kg dry	0.132	ND	82.5		70-130	12.3	30	
tert-Butyl Alcohol (TBA)	0.0783	0.026	mg/Kg dry	0.132	ND	**59.4**	*	70-130	5.39	30	MS-07A, V-16
n-Butylbenzene	0.0151	0.0013	mg/Kg dry	0.0132	ND	115		70-130	7.09	30	
sec-Butylbenzene	0.0178	0.0013	mg/Kg dry	0.0132	ND	**135**	*	70-130	3.42	30	MS-15
tert-Butylbenzene	0.0177	0.0013	mg/Kg dry	0.0132	ND	**134**	*	70-130	0.227	30	MS-24
tert-Butyl Ethyl Ether (TBEE)	0.00951	0.00066	mg/Kg dry	0.0132	ND	72.1		70-130	4.99	30	
Carbon Disulfide	0.0130	0.0040	mg/Kg dry	0.0132	ND	98.8		70-130	21.9	30	
Carbon Tetrachloride	0.00947	0.0013	mg/Kg dry	0.0132	ND	71.8		70-130	1.70	30	V-05
Chlorobenzene	0.0137	0.0013	mg/Kg dry	0.0132	ND	104		70-130	15.6	30	
Chlorodibromomethane	0.00879	0.00066	mg/Kg dry	0.0132	ND	**66.7**	*	70-130	2.80	30	MS-07A, V-05
Chloroethane	0.0108	0.013	mg/Kg dry	0.0132	ND	82.3		70-130	11.8	30	R-05
Chloroform	0.0109	0.0026	mg/Kg dry	0.0132	ND	82.9		70-130	6.20	30	
Chloromethane	0.0150	0.0066	mg/Kg dry	0.0132	ND	114		70-130	21.2	30	
2-Chlorotoluene	0.0124	0.0013	mg/Kg dry	0.0132	ND	94.1		70-130	7.86	30	
4-Chlorotoluene	0.0116	0.0013	mg/Kg dry	0.0132	ND	88.0		70-130	9.75	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0101	0.0013	mg/Kg dry	0.0132	ND	76.8		70-130	1.98	30	
1,2-Dibromoethane (EDB)	0.0110	0.00066	mg/Kg dry	0.0132	ND	83.5		70-130	5.48	30	
Dibromomethane	0.0115	0.0013	mg/Kg dry	0.0132	ND	86.9		70-130	2.45	30	
1,2-Dichlorobenzene	0.0138	0.0013	mg/Kg dry	0.0132	ND	104		70-130	9.99	30	
1,3-Dichlorobenzene	0.0147	0.0013	mg/Kg dry	0.0132	ND	112		70-130	5.87	30	
1,4-Dichlorobenzene	0.0132	0.0013	mg/Kg dry	0.0132	ND	99.8		70-130	8.92	30	
trans-1,4-Dichloro-2-butene	0.00941	0.0026	mg/Kg dry	0.0132	ND	71.4		70-130	1.23	30	
Dichlorodifluoromethane (Freon 12)	0.00906	0.013	mg/Kg dry	0.0132	ND	**68.7**	*	70-130	8.24	30	MS-07A, V-05
1,1-Dichloroethane	0.0121	0.0013	mg/Kg dry	0.0132	ND	91.6		70-130	12.8	30	
1,2-Dichloroethane	0.00842	0.0013	mg/Kg dry	0.0132	ND	**63.9**	*	70-130	5.11	30	MS-09, V-05, L-04
1,1-Dichloroethylene	0.00981	0.0026	mg/Kg dry	0.0132	ND	74.4		70-130	7.08	30	
cis-1,2-Dichloroethylene	0.0107	0.0013	mg/Kg dry	0.0132	ND	81.3		70-130	8.03	30	
trans-1,2-Dichloroethylene	0.0119	0.0013	mg/Kg dry	0.0132	ND	90.2		70-130	9.98	30	
1,2-Dichloropropane	0.0127	0.0013	mg/Kg dry	0.0132	ND	96.4		70-130	7.30	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045245 - SW-846 5035											
Matrix Spike Dup (B045245-MSD1)	**Source: 12A0882-04**			Prepared & Analyzed: 01/30/12							
1,3-Dichloropropane	0.0116	0.00066	mg/Kg dry	0.0132	ND	88.0		70-130	7.09	30	
2,2-Dichloropropane	0.00943	0.0013	mg/Kg dry	0.0132	ND	71.5		70-130	0.798	30	V-05
1,1-Dichloropropene	0.0117	0.0013	mg/Kg dry	0.0132	ND	88.5		70-130	8.74	30	
cis-1,3-Dichloropropene	0.0109	0.00066	mg/Kg dry	0.0132	ND	82.7		70-130	6.20	30	
trans-1,3-Dichloropropene	0.0104	0.00066	mg/Kg dry	0.0132	ND	79.2		70-130	0.827	30	
Diethyl Ether	0.0123	0.013	mg/Kg dry	0.0132	ND	93.5		70-130	7.89	30	
Diisopropyl Ether (DIPE)	0.0108	0.00066	mg/Kg dry	0.0132	ND	81.8		70-130	8.38	30	
1,4-Dioxane	0.127	0.066	mg/Kg dry	0.132	ND	96.6		70-130	5.01	30	V-16
Ethylbenzene	0.0141	0.0013	mg/Kg dry	0.0132	ND	107		70-130	8.46	30	
Hexachlorobutadiene	0.0114	0.0013	mg/Kg dry	0.0132	ND	86.1		70-130	3.53	30	
2-Hexanone (MBK)	0.0955	0.013	mg/Kg dry	0.132	ND	72.4		70-130	2.45	30	
Isopropylbenzene (Cumene)	0.0163	0.0013	mg/Kg dry	0.0132	ND	124		70-130	12.4	30	
p-Isopropyltoluene (p-Cymene)	0.0152	0.0013	mg/Kg dry	0.0132	ND	115		70-130	5.70	30	
Methyl tert-Butyl Ether (MTBE)	0.0103	0.0026	mg/Kg dry	0.0132	ND	78.4		70-130	6.60	30	
Methylene Chloride	0.0115	0.013	mg/Kg dry	0.0132	ND	87.3		70-130	1.77	30	
4-Methyl-2-pentanone (MIBK)	0.0932	0.013	mg/Kg dry	0.132	ND	70.7		70-130	1.02	30	
Naphthalene	0.00753	0.0026	mg/Kg dry	0.0132	ND	**57.1**	*	70-130	6.66	30	MS-07A
n-Propylbenzene	0.0134	0.0013	mg/Kg dry	0.0132	ND	102		70-130	12.2	30	
Styrene	0.0138	0.0013	mg/Kg dry	0.0132	ND	104		70-130	13.7	30	
1,1,1,2-Tetrachloroethane	0.0122	0.0013	mg/Kg dry	0.0132	ND	92.7		70-130	1.67	30	
1,1,2,2-Tetrachloroethane	0.0137	0.00066	mg/Kg dry	0.0132	ND	104		70-130	17.6	30	
Tetrachloroethylene	0.0262	0.0013	mg/Kg dry	0.0132	0.0193	**52.0**	*	70-130	7.90	30	MS-12
Tetrahydrofuran	0.0131	0.0066	mg/Kg dry	0.0132	ND	99.0		70-130	3.90	30	V-16
Toluene	0.0111	0.0013	mg/Kg dry	0.0132	ND	84.5		70-130	12.4	30	
1,2,3-Trichlorobenzene	0.00850	0.0013	mg/Kg dry	0.0132	ND	**64.5**	*	70-130	3.13	30	MS-07A
1,2,4-Trichlorobenzene	0.00940	0.0013	mg/Kg dry	0.0132	ND	71.3		70-130	2.37	30	
1,3,5-Trichlorobenzene	0.0115	0.0013	mg/Kg dry	0.0132	ND	86.9		70-130	4.46	30	
1,1,1-Trichloroethane	0.00945	0.0013	mg/Kg dry	0.0132	ND	71.7		70-130	0.0718	30	V-05
1,1,2-Trichloroethane	0.0118	0.0013	mg/Kg dry	0.0132	ND	89.6		70-130	14.2	30	
Trichloroethylene	0.0110	0.0013	mg/Kg dry	0.0132	ND	83.6		70-130	7.50	30	
Trichlorofluoromethane (Freon 11)	0.00910	0.0066	mg/Kg dry	0.0132	ND	**69.0**	*	70-130	9.35	30	MS-09, V-05
1,2,3-Trichloropropane	0.0117	0.0013	mg/Kg dry	0.0132	ND	89.0		70-130	5.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0106	0.0066	mg/Kg dry	0.0132	ND	80.6		70-130	9.71	30	
1,2,4-Trimethylbenzene	0.0158	0.0013	mg/Kg dry	0.0132	ND	120		70-130	5.46	30	
1,3,5-Trimethylbenzene	0.0120	0.0013	mg/Kg dry	0.0132	ND	91.0		70-130	8.13	30	
Vinyl Chloride	0.0145	0.0066	mg/Kg dry	0.0132	ND	110		70-130	28.8	30	
m+p Xylene	0.0265	0.0026	mg/Kg dry	0.0264	ND	100		70-130	8.76	30	
o-Xylene	0.0130	0.0013	mg/Kg dry	0.0132	ND	98.3		70-130	8.67	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0269*		mg/Kg dry	0.0330		81.6		70-130			
Surrogate: Toluene-d8	*0.0313*		mg/Kg dry	0.0330		95.0		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0280*		mg/Kg dry	0.0330		84.8		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzidine	ND	0.34	mg/Kg wet							L-04, V-20
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Benzoic Acid	ND	1.0	mg/Kg wet							L-04, V-20
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.66	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.34	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.66	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							V-20
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-20
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.66	mg/Kg wet							
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.66	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546												
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12								
2-Methylphenol	ND	0.34	mg/Kg wet									
3/4-Methylphenol	ND	0.34	mg/Kg wet									
Naphthalene	ND	0.17	mg/Kg wet									
2-Nitroaniline	ND	0.34	mg/Kg wet									
3-Nitroaniline	ND	0.34	mg/Kg wet									
4-Nitroaniline	ND	0.34	mg/Kg wet									
Nitrobenzene	ND	0.34	mg/Kg wet									
2-Nitrophenol	ND	0.34	mg/Kg wet									
4-Nitrophenol	ND	0.66	mg/Kg wet									
N-Nitrosodimethylamine	ND	0.34	mg/Kg wet									
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet									
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet									
Pentachloronitrobenzene	ND	0.34	mg/Kg wet									
Pentachlorophenol	ND	0.34	mg/Kg wet								V-20	
Phenanthrene	ND	0.17	mg/Kg wet									
Phenol	ND	0.34	mg/Kg wet									
Pyrene	ND	0.17	mg/Kg wet									
Pyridine	ND	0.34	mg/Kg wet									
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet									
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet									
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet									
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet									
Surrogate: 2-Fluorophenol	*4.50*		mg/Kg wet	6.67		67.4		30-130				
Surrogate: Phenol-d6	*4.56*		mg/Kg wet	6.67		68.4		30-130				
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2		30-130				
Surrogate: 2-Fluorobiphenyl	*2.30*		mg/Kg wet	3.33		69.1		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.87*		mg/Kg wet	6.67		73.0		30-130				
Surrogate: Terphenyl-d14	*2.42*		mg/Kg wet	3.33		72.6		30-130				
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Acenaphthene	1.34	0.17	mg/Kg wet	1.67		80.7		40-140				
Acenaphthylene	1.32	0.17	mg/Kg wet	1.67		79.0		40-140				
Acetophenone	1.17	0.34	mg/Kg wet	1.67		70.3		40-140				
Aniline	0.622	0.34	mg/Kg wet	1.67		37.3		10-140				†
Anthracene	1.49	0.17	mg/Kg wet	1.67		89.3		40-140				
Benzidine	0.551	0.34	mg/Kg wet	1.67		**33.1**	*	40-140			L-04, V-06	
Benzo(a)anthracene	1.50	0.17	mg/Kg wet	1.67		90.0		40-140				
Benzo(a)pyrene	1.44	0.17	mg/Kg wet	1.67		86.4		40-140				
Benzo(b)fluoranthene	1.42	0.17	mg/Kg wet	1.67		85.1		40-140				
Benzo(g,h,i)perylene	1.50	0.17	mg/Kg wet	1.67		90.1		40-140				
Benzo(k)fluoranthene	1.38	0.17	mg/Kg wet	1.67		83.1		40-140				
Benzoic Acid	ND	1.0	mg/Kg wet	1.67			*	30-130			L-04, V-06	
Bis(2-chloroethoxy)methane	1.35	0.34	mg/Kg wet	1.67		80.7		40-140				
Bis(2-chloroethyl)ether	1.23	0.34	mg/Kg wet	1.67		73.8		40-140				
Bis(2-chloroisopropyl)ether	1.12	0.34	mg/Kg wet	1.67		67.3		40-140				
Bis(2-Ethylhexyl)phthalate	1.85	0.34	mg/Kg wet	1.67		111		40-140				
4-Bromophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.2		40-140				
Butylbenzylphthalate	1.83	0.66	mg/Kg wet	1.67		110		40-140				
Carbazole	1.52	0.17	mg/Kg wet	1.67		91.0		40-140				
4-Chloroaniline	0.672	0.66	mg/Kg wet	1.67		40.3		10-140				†
4-Chloro-3-methylphenol	1.51	0.66	mg/Kg wet	1.67		90.3		30-130				
2-Chloronaphthalene	1.17	0.34	mg/Kg wet	1.67		70.0		40-140				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546											
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12							
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130				
4-Chlorophenylphenylether	1.44	0.34	mg/Kg wet	1.67		86.6	40-140				
Chrysene	1.43	0.17	mg/Kg wet	1.67		85.5	40-140				
Dibenz(a,h)anthracene	1.51	0.17	mg/Kg wet	1.67		90.7	40-140				
Dibenzofuran	1.34	0.34	mg/Kg wet	1.67		80.6	40-140				
Di-n-butylphthalate	1.55	0.34	mg/Kg wet	1.67		92.8	40-140				
1,2-Dichlorobenzene	1.14	0.34	mg/Kg wet	1.67		68.5	40-140				
1,3-Dichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.3	40-140				
1,4-Dichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.0	40-140				
3,3-Dichlorobenzidine	1.17	0.17	mg/Kg wet	1.67		70.1	20-140				†
2,4-Dichlorophenol	1.35	0.34	mg/Kg wet	1.67		81.0	30-130				
Diethylphthalate	1.60	0.34	mg/Kg wet	1.67		96.1	40-140				
2,4-Dimethylphenol	1.40	0.34	mg/Kg wet	1.67		84.2	30-130				
Dimethylphthalate	1.58	0.66	mg/Kg wet	1.67		94.7	40-140				
4,6-Dinitro-2-methylphenol	1.58	0.34	mg/Kg wet	1.67		95.0	30-130			V-06	
2,4-Dinitrophenol	1.49	0.66	mg/Kg wet	1.67		89.5	30-130			V-06	
2,4-Dinitrotoluene	1.51	0.34	mg/Kg wet	1.67		90.6	40-140				
2,6-Dinitrotoluene	1.57	0.34	mg/Kg wet	1.67		94.4	40-140				
Di-n-octylphthalate	1.74	0.66	mg/Kg wet	1.67		104	40-140				
1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.34	mg/Kg wet	1.67		84.4	40-140				
Fluoranthene	1.48	0.17	mg/Kg wet	1.67		88.6	40-140				
Fluorene	1.38	0.17	mg/Kg wet	1.67		83.1	40-140				
Hexachlorobenzene	1.44	0.34	mg/Kg wet	1.67		86.2	40-140				
Hexachlorobutadiene	1.28	0.34	mg/Kg wet	1.67		76.5	40-140				
Hexachlorocyclopentadiene	1.27	0.66	mg/Kg wet	1.67		76.2	40-140				
Hexachloroethane	1.19	0.34	mg/Kg wet	1.67		71.2	40-140				
Indeno(1,2,3-cd)pyrene	1.56	0.17	mg/Kg wet	1.67		93.4	40-140				
Isophorone	1.34	0.34	mg/Kg wet	1.67		80.2	40-140				
1-Methylnaphthalene	1.34	0.17	mg/Kg wet	1.67		80.3	40-140				
2-Methylnaphthalene	1.21	0.17	mg/Kg wet	1.67		72.7	40-140				
2-Methylphenol	1.25	0.34	mg/Kg wet	1.67		74.7	30-130				
3/4-Methylphenol	1.64	0.34	mg/Kg wet	1.67		98.3	30-130				
Naphthalene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140				
2-Nitroaniline	1.41	0.34	mg/Kg wet	1.67		84.9	40-140				
3-Nitroaniline	1.20	0.34	mg/Kg wet	1.67		72.3	30-140				†
4-Nitroaniline	1.40	0.34	mg/Kg wet	1.67		84.0	40-140				
Nitrobenzene	1.24	0.34	mg/Kg wet	1.67		74.3	40-140				
2-Nitrophenol	1.37	0.34	mg/Kg wet	1.67		82.4	30-130				
4-Nitrophenol	1.63	0.66	mg/Kg wet	1.67		97.8	30-130				
N-Nitrosodimethylamine	1.11	0.34	mg/Kg wet	1.67		66.8	40-140				
N-Nitrosodiphenylamine	2.04	0.34	mg/Kg wet	1.67		122	40-140				
N-Nitrosodi-n-propylamine	1.39	0.34	mg/Kg wet	1.67		83.2	40-140				
Pentachloronitrobenzene	1.68	0.34	mg/Kg wet	1.67		101	40-140				
Pentachlorophenol	1.69	0.34	mg/Kg wet	1.67		101	30-130			V-06	
Phenanthrene	1.46	0.17	mg/Kg wet	1.67		87.8	40-140				
Phenol	1.16	0.34	mg/Kg wet	1.67		69.8	30-130				
Pyrene	1.90	0.17	mg/Kg wet	1.67		114	40-140				
Pyridine	0.893	0.34	mg/Kg wet	1.67		53.6	30-140				†
1,2,4,5-Tetrachlorobenzene	1.28	0.34	mg/Kg wet	1.67		76.8	40-140				
1,2,4-Trichlorobenzene	1.29	0.34	mg/Kg wet	1.67		77.7	40-140				
2,4,5-Trichlorophenol	1.45	0.34	mg/Kg wet	1.67		86.8	30-130				
2,4,6-Trichlorophenol	1.51	0.34	mg/Kg wet	1.67		90.9	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B045341 - SW-846 3546												
LCS (B045341-BS1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Surrogate: 2-Fluorophenol	*4.81*		mg/Kg wet	6.67		72.1		30-130				
Surrogate: Phenol-d6	*4.87*		mg/Kg wet	6.67		73.0		30-130				
Surrogate: Nitrobenzene-d5	*2.60*		mg/Kg wet	3.33		77.9		30-130				
Surrogate: 2-Fluorobiphenyl	*2.68*		mg/Kg wet	3.33		80.3		30-130				
Surrogate: 2,4,6-Tribromophenol	*7.38*		mg/Kg wet	6.67		111		30-130				
Surrogate: Terphenyl-d14	*4.06*		mg/Kg wet	3.33		122		30-130				
LCS Dup (B045341-BSD1)				Prepared: 01/31/12 Analyzed: 02/02/12								
Acenaphthene	1.47	0.17	mg/Kg wet	1.67		88.1		40-140	8.82	30		
Acenaphthylene	1.46	0.17	mg/Kg wet	1.67		87.4		40-140	10.1	30		
Acetophenone	1.31	0.34	mg/Kg wet	1.67		78.4		40-140	10.8	30		
Aniline	0.777	0.34	mg/Kg wet	1.67		46.6		10-140	22.1	50		† ‡
Anthracene	1.58	0.17	mg/Kg wet	1.67		95.0		40-140	6.21	30		
Benzidine	0.592	0.34	mg/Kg wet	1.67		**35.5**	*	40-140	7.23	30	L-04, V-06	
Benzo(a)anthracene	1.60	0.17	mg/Kg wet	1.67		96.0		40-140	6.52	30		
Benzo(a)pyrene	1.53	0.17	mg/Kg wet	1.67		92.0		40-140	6.28	30		
Benzo(b)fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.0		40-140	9.92	30		
Benzo(g,h,i)perylene	1.64	0.17	mg/Kg wet	1.67		98.2		40-140	8.54	30		
Benzo(k)fluoranthene	1.52	0.17	mg/Kg wet	1.67		91.2		40-140	9.34	30		
Benzoic Acid	0.237	1.0	mg/Kg wet	1.67		**14.2**	*	30-130		50	L-04, V-06	‡
Bis(2-chloroethoxy)methane	1.51	0.34	mg/Kg wet	1.67		90.9		40-140	11.8	30		
Bis(2-chloroethyl)ether	1.38	0.34	mg/Kg wet	1.67		82.6		40-140	11.2	30		
Bis(2-chloroisopropyl)ether	1.24	0.34	mg/Kg wet	1.67		74.1		40-140	9.70	30		
Bis(2-Ethylhexyl)phthalate	1.98	0.34	mg/Kg wet	1.67		119		40-140	7.02	30		
4-Bromophenylphenylether	1.60	0.34	mg/Kg wet	1.67		96.1		40-140	4.12	30		
Butylbenzylphthalate	1.98	0.66	mg/Kg wet	1.67		119		40-140	7.72	30		
Carbazole	1.63	0.17	mg/Kg wet	1.67		97.9		40-140	7.37	30		
4-Chloroaniline	0.683	0.66	mg/Kg wet	1.67		41.0		10-140	1.67	30		†
4-Chloro-3-methylphenol	1.49	0.66	mg/Kg wet	1.67		89.7		30-130	0.711	30		
2-Chloronaphthalene	1.32	0.34	mg/Kg wet	1.67		79.2		40-140	12.2	30		
2-Chlorophenol	1.36	0.34	mg/Kg wet	1.67		81.9		30-130	15.4	30		
4-Chlorophenylphenylether	1.54	0.34	mg/Kg wet	1.67		92.3		40-140	6.37	30		
Chrysene	1.51	0.17	mg/Kg wet	1.67		90.6		40-140	5.75	30		
Dibenz(a,h)anthracene	1.60	0.17	mg/Kg wet	1.67		96.1		40-140	5.80	30		
Dibenzofuran	1.45	0.34	mg/Kg wet	1.67		87.1		40-140	7.73	30		
Di-n-butylphthalate	1.67	0.34	mg/Kg wet	1.67		100		40-140	7.69	30		
1,2-Dichlorobenzene	1.23	0.34	mg/Kg wet	1.67		73.8		40-140	7.42	30		
1,3-Dichlorobenzene	1.22	0.34	mg/Kg wet	1.67		72.9		40-140	8.04	30		
1,4-Dichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.6		40-140	6.66	30		
3,3-Dichlorobenzidine	1.26	0.17	mg/Kg wet	1.67		75.7		20-140	7.69	50		† ‡
2,4-Dichlorophenol	1.42	0.34	mg/Kg wet	1.67		85.2		30-130	5.03	30		
Diethylphthalate	1.65	0.34	mg/Kg wet	1.67		99.2		40-140	3.20	30		
2,4-Dimethylphenol	1.49	0.34	mg/Kg wet	1.67		89.2		30-130	5.74	30		
Dimethylphthalate	1.67	0.66	mg/Kg wet	1.67		100		40-140	5.46	30		
4,6-Dinitro-2-methylphenol	1.67	0.34	mg/Kg wet	1.67		100		30-130	5.53	30	V-06	
2,4-Dinitrophenol	1.59	0.66	mg/Kg wet	1.67		95.5		30-130	6.44	30	V-06	
2,4-Dinitrotoluene	1.61	0.34	mg/Kg wet	1.67		96.8		40-140	6.55	30		
2,6-Dinitrotoluene	1.67	0.34	mg/Kg wet	1.67		100		40-140	6.06	30		
Di-n-octylphthalate	2.00	0.66	mg/Kg wet	1.67		120		40-140	14.1	30		
1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.34	mg/Kg wet	1.67		90.8		40-140	7.37	30		
Fluoranthene	1.57	0.17	mg/Kg wet	1.67		94.2		40-140	6.06	30		
Fluorene	1.46	0.17	mg/Kg wet	1.67		87.3		40-140	4.98	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
LCS Dup (B045341-BSD1)				Prepared: 01/31/12 Analyzed: 02/02/12						
Hexachlorobenzene	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	3.91	30	
Hexachlorobutadiene	1.40	0.34	mg/Kg wet	1.67		84.0	40-140	9.32	30	
Hexachlorocyclopentadiene	1.44	0.66	mg/Kg wet	1.67		86.7	40-140	12.9	30	
Hexachloroethane	1.27	0.34	mg/Kg wet	1.67		75.9	40-140	6.50	30	
Indeno(1,2,3-cd)pyrene	1.62	0.17	mg/Kg wet	1.67		97.3	40-140	4.15	30	
Isophorone	1.42	0.34	mg/Kg wet	1.67		85.2	40-140	5.95	30	
1-Methylnaphthalene	1.41	0.17	mg/Kg wet	1.67		84.6	40-140	5.19	30	
2-Methylnaphthalene	1.28	0.17	mg/Kg wet	1.67		76.9	40-140	5.64	30	
2-Methylphenol	1.43	0.34	mg/Kg wet	1.67		85.7	30-130	13.7	30	
3/4-Methylphenol	1.89	0.34	mg/Kg wet	1.67		113	30-130	14.4	30	
Naphthalene	1.33	0.17	mg/Kg wet	1.67		80.0	40-140	9.43	30	
2-Nitroaniline	1.50	0.34	mg/Kg wet	1.67		89.8	40-140	5.61	30	
3-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.9	30-140	2.27	30	†
4-Nitroaniline	1.49	0.34	mg/Kg wet	1.67		89.6	40-140	6.40	30	
Nitrobenzene	1.36	0.34	mg/Kg wet	1.67		81.7	40-140	9.49	30	
2-Nitrophenol	1.50	0.34	mg/Kg wet	1.67		89.8	30-130	8.52	30	
4-Nitrophenol	1.68	0.66	mg/Kg wet	1.67		101	30-130	2.82	50	‡
N-Nitrosodimethylamine	1.23	0.34	mg/Kg wet	1.67		74.1	40-140	10.3	30	
N-Nitrosodiphenylamine	2.15	0.34	mg/Kg wet	1.67		129	40-140	5.17	30	
N-Nitrosodi-n-propylamine	1.52	0.34	mg/Kg wet	1.67		91.2	40-140	9.17	30	
Pentachloronitrobenzene	1.78	0.34	mg/Kg wet	1.67		107	40-140	5.87	30	
Pentachlorophenol	1.77	0.34	mg/Kg wet	1.67		106	30-130	4.53	30	V-06
Phenanthrene	1.55	0.17	mg/Kg wet	1.67		93.2	40-140	5.97	30	
Phenol	1.36	0.34	mg/Kg wet	1.67		81.8	30-130	15.8	30	
Pyrene	2.03	0.17	mg/Kg wet	1.67		122	40-140	6.26	30	
Pyridine	0.910	0.34	mg/Kg wet	1.67		54.6	30-140	1.92	30	†
1,2,4,5-Tetrachlorobenzene	1.51	0.34	mg/Kg wet	1.67		90.4	40-140	16.2	30	
1,2,4-Trichlorobenzene	1.40	0.34	mg/Kg wet	1.67		84.2	40-140	8.08	30	
2,4,5-Trichlorophenol	1.64	0.34	mg/Kg wet	1.67		98.1	30-130	12.2	30	
2,4,6-Trichlorophenol	1.59	0.34	mg/Kg wet	1.67		95.3	30-130	4.77	30	
Surrogate: 2-Fluorophenol	*5.54*		mg/Kg wet	6.67		83.1	30-130			
Surrogate: Phenol-d6	*5.54*		mg/Kg wet	6.67		83.1	30-130			
Surrogate: Nitrobenzene-d5	*2.85*		mg/Kg wet	3.33		85.5	30-130			
Surrogate: 2-Fluorobiphenyl	*3.06*		mg/Kg wet	3.33		91.8	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.51*		mg/Kg wet	6.67		113	30-130			
Surrogate: Terphenyl-d14	*4.24*		mg/Kg wet	3.33		127	30-130			
Matrix Spike (B045341-MS1)		**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/02/12						
Acenaphthene	1.01	0.19	mg/Kg dry	1.82	ND	55.5	40-140			
Acenaphthylene	0.984	0.19	mg/Kg dry	1.82	ND	54.0	40-140			
Acetophenone	0.907	0.37	mg/Kg dry	1.82	ND	49.8	40-140			
Aniline	0.605	0.37	mg/Kg dry	1.82	ND	**33.2** *	40-140			MS-09
Anthracene	1.12	0.19	mg/Kg dry	1.82	ND	61.3	40-140			
Benzidine	0.432	0.37	mg/Kg dry	1.82	ND	**23.7** *	40-140			MS-09, V-06
Benzo(a)anthracene	1.10	0.19	mg/Kg dry	1.82	ND	60.6	40-140			
Benzo(a)pyrene	1.07	0.19	mg/Kg dry	1.82	ND	58.5	40-140			
Benzo(b)fluoranthene	1.04	0.19	mg/Kg dry	1.82	ND	57.2	40-140			
Benzo(g,h,i)perylene	1.17	0.19	mg/Kg dry	1.82	ND	64.3	40-140			
Benzo(k)fluoranthene	1.05	0.19	mg/Kg dry	1.82	ND	57.5	40-140			
Benzoic Acid	0.482	1.1	mg/Kg dry	1.82	ND	**26.5** *	40-140			MS-09, V-06
Bis(2-chloroethoxy)methane	1.01	0.37	mg/Kg dry	1.82	ND	55.4	40-140			
Bis(2-chloroethyl)ether	0.948	0.37	mg/Kg dry	1.82	ND	52.0	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546											
Matrix Spike (B045341-MS1)	**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/02/12								
Bis(2-chloroisopropyl)ether	0.858	0.37	mg/Kg dry	1.82	ND	47.1		40-140			
Bis(2-Ethylhexyl)phthalate	1.34	0.37	mg/Kg dry	1.82	ND	73.6		40-140			
4-Bromophenylphenylether	1.05	0.37	mg/Kg dry	1.82	ND	57.4		40-140			
Butylbenzylphthalate	1.40	0.72	mg/Kg dry	1.82	ND	76.7		40-140			
Carbazole	1.25	0.19	mg/Kg dry	1.82	ND	68.7		40-140			
4-Chloroaniline	0.647	0.72	mg/Kg dry	1.82	ND	**35.5**	*	40-140			MS-22
4-Chloro-3-methylphenol	0.977	0.72	mg/Kg dry	1.82	ND	53.7		30-130			
2-Chloronaphthalene	0.853	0.37	mg/Kg dry	1.82	ND	46.8		40-140			
2-Chlorophenol	0.899	0.37	mg/Kg dry	1.82	ND	49.3		30-130			
4-Chlorophenylphenylether	1.05	0.37	mg/Kg dry	1.82	ND	57.6		40-140			
Chrysene	1.05	0.19	mg/Kg dry	1.82	ND	57.4		40-140			
Dibenz(a,h)anthracene	1.13	0.19	mg/Kg dry	1.82	ND	62.0		40-140			
Dibenzofuran	0.975	0.37	mg/Kg dry	1.82	ND	53.5		40-140			
Di-n-butylphthalate	1.25	0.37	mg/Kg dry	1.82	ND	68.5		40-140			
1,2-Dichlorobenzene	0.856	0.37	mg/Kg dry	1.82	ND	47.0		40-140			
1,3-Dichlorobenzene	0.846	0.37	mg/Kg dry	1.82	ND	46.5		40-140			
1,4-Dichlorobenzene	0.845	0.37	mg/Kg dry	1.82	ND	46.4		40-140			
3,3-Dichlorobenzidine	0.900	0.19	mg/Kg dry	1.82	ND	49.4		40-140			R-06
2,4-Dichlorophenol	0.922	0.37	mg/Kg dry	1.82	ND	50.6		30-130			
Diethylphthalate	1.15	0.37	mg/Kg dry	1.82	ND	63.4		40-140			
2,4-Dimethylphenol	0.997	0.37	mg/Kg dry	1.82	ND	54.7		30-130			
Dimethylphthalate	1.11	0.72	mg/Kg dry	1.82	ND	60.8		40-140			
4,6-Dinitro-2-methylphenol	1.24	0.37	mg/Kg dry	1.82	ND	68.1		30-130			V-06
2,4-Dinitrophenol	1.11	0.72	mg/Kg dry	1.82	ND	60.8		30-130			V-06
2,4-Dinitrotoluene	1.08	0.37	mg/Kg dry	1.82	ND	59.2		40-140			
2,6-Dinitrotoluene	1.10	0.37	mg/Kg dry	1.82	ND	60.1		40-140			
Di-n-octylphthalate	1.28	0.72	mg/Kg dry	1.82	ND	70.5		40-140			
1,2-Diphenylhydrazine (as Azobenzene)	1.00	0.37	mg/Kg dry	1.82	ND	55.1		40-140			
Fluoranthene	1.24	0.19	mg/Kg dry	1.82	ND	67.9		40-140			
Fluorene	1.02	0.19	mg/Kg dry	1.82	ND	56.2		40-140			
Hexachlorobenzene	1.01	0.37	mg/Kg dry	1.82	ND	55.6		40-140			
Hexachlorobutadiene	0.943	0.37	mg/Kg dry	1.82	ND	51.8		40-140			
Hexachlorocyclopentadiene	1.01	0.72	mg/Kg dry	1.82	ND	55.6		30-130			R-06
Hexachloroethane	0.882	0.37	mg/Kg dry	1.82	ND	48.4		40-140			
Indeno(1,2,3-cd)pyrene	1.19	0.19	mg/Kg dry	1.82	ND	65.4		40-140			
Isophorone	0.961	0.37	mg/Kg dry	1.82	ND	52.8		40-140			
1-Methylnaphthalene	0.932	0.19	mg/Kg dry	1.82	ND	51.2		40-140			
2-Methylnaphthalene	0.842	0.19	mg/Kg dry	1.82	ND	46.2		40-140			
2-Methylphenol	0.906	0.37	mg/Kg dry	1.82	ND	49.7		30-130			
3/4-Methylphenol	1.46	0.37	mg/Kg dry	1.82	ND	80.1		30-130			
Naphthalene	0.891	0.19	mg/Kg dry	1.82	ND	48.9		40-140			
2-Nitroaniline	1.21	0.37	mg/Kg dry	1.82	ND	66.5		40-140			
3-Nitroaniline	1.07	0.37	mg/Kg dry	1.82	ND	58.6		40-140			
4-Nitroaniline	1.17	0.37	mg/Kg dry	1.82	ND	64.5		40-140			
Nitrobenzene	0.948	0.37	mg/Kg dry	1.82	ND	52.0		40-140			
2-Nitrophenol	1.01	0.37	mg/Kg dry	1.82	ND	55.4		30-130			
4-Nitrophenol	1.34	0.72	mg/Kg dry	1.82	ND	73.6		30-130			
N-Nitrosodimethylamine	0.886	0.37	mg/Kg dry	1.82	ND	48.6		40-140			
N-Nitrosodiphenylamine	1.38	0.37	mg/Kg dry	1.82	ND	75.8		40-140			
N-Nitrosodi-n-propylamine	1.03	0.37	mg/Kg dry	1.82	ND	56.3		40-140			
Pentachloronitrobenzene	1.20	0.37	mg/Kg dry	1.82	ND	66.0		40-140			
Pentachlorophenol	1.24	0.37	mg/Kg dry	1.82	ND	68.2		30-130			V-06

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546											
Matrix Spike (B045341-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/02/12							
Phenanthrene	1.09	0.19	mg/Kg dry	1.82	ND	59.8		40-140			
Phenol	0.886	0.37	mg/Kg dry	1.82	ND	48.6		30-130			
Pyrene	1.48	0.19	mg/Kg dry	1.82	ND	81.1		40-140			
Pyridine	0.619	0.37	mg/Kg dry	1.82	ND	**34.0**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	1.01	0.37	mg/Kg dry	1.82	ND	55.6		40-140			
1,2,4-Trichlorobenzene	0.945	0.37	mg/Kg dry	1.82	ND	51.9		40-140			
2,4,5-Trichlorophenol	1.07	0.37	mg/Kg dry	1.82	ND	58.6		30-130			
2,4,6-Trichlorophenol	1.05	0.37	mg/Kg dry	1.82	ND	57.7		30-130			
Surrogate: 2-Fluorophenol	*3.75*		mg/Kg dry	7.29		51.5		30-130			
Surrogate: Phenol-d6	*3.63*		mg/Kg dry	7.29		49.8		30-130			
Surrogate: Nitrobenzene-d5	*1.93*		mg/Kg dry	3.64		53.1		30-130			
Surrogate: 2-Fluorobiphenyl	*2.03*		mg/Kg dry	3.64		55.8		30-130			
Surrogate: 2,4,6-Tribromophenol	*5.23*		mg/Kg dry	7.29		71.8		30-130			
Surrogate: Terphenyl-d14	*3.03*		mg/Kg dry	3.64		83.1		30-130			
Matrix Spike Dup (B045341-MSD1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/02/12							
Acenaphthene	1.04	0.19	mg/Kg dry	1.82	ND	57.0		40-140	2.70	30	
Acenaphthylene	1.01	0.19	mg/Kg dry	1.82	ND	55.4		40-140	2.63	30	
Acetophenone	1.02	0.37	mg/Kg dry	1.82	ND	55.9		40-140	11.5	30	
Aniline	0.572	0.37	mg/Kg dry	1.82	ND	**31.4**	*	40-140	5.69	30	MS-09
Anthracene	1.24	0.19	mg/Kg dry	1.82	ND	68.3		40-140	10.8	30	
Benzidine	0.505	0.37	mg/Kg dry	1.82	ND	**27.7**	*	40-140	15.6	30	MS-09, V-06
Benzo(a)anthracene	1.24	0.19	mg/Kg dry	1.82	ND	68.3		40-140	11.8	30	
Benzo(a)pyrene	1.18	0.19	mg/Kg dry	1.82	ND	64.6		40-140	9.78	30	
Benzo(b)fluoranthene	1.10	0.19	mg/Kg dry	1.82	ND	60.4		40-140	5.41	30	
Benzo(g,h,i)perylene	1.06	0.19	mg/Kg dry	1.82	ND	58.4		40-140	9.62	30	
Benzo(k)fluoranthene	1.13	0.19	mg/Kg dry	1.82	ND	61.8		40-140	7.20	30	
Benzoic Acid	0.522	1.1	mg/Kg dry	1.82	ND	**28.7**	*	40-140	7.98	30	MS-09, V-06
Bis(2-chloroethoxy)methane	1.08	0.37	mg/Kg dry	1.82	ND	59.1		40-140	6.57	30	
Bis(2-chloroethyl)ether	0.993	0.37	mg/Kg dry	1.82	ND	54.5		40-140	4.73	30	
Bis(2-chloroisopropyl)ether	0.938	0.37	mg/Kg dry	1.82	ND	51.5		40-140	8.89	30	
Bis(2-Ethylhexyl)phthalate	1.29	0.37	mg/Kg dry	1.82	ND	70.9		40-140	3.71	30	
4-Bromophenylphenylether	1.34	0.37	mg/Kg dry	1.82	ND	73.8		40-140	24.9	30	
Butylbenzylphthalate	1.26	0.72	mg/Kg dry	1.82	ND	68.9		40-140	10.6	30	
Carbazole	1.28	0.19	mg/Kg dry	1.82	ND	70.0		40-140	1.82	30	
4-Chloroaniline	0.753	0.72	mg/Kg dry	1.82	ND	41.4		40-140	15.2	30	
4-Chloro-3-methylphenol	1.20	0.72	mg/Kg dry	1.82	ND	65.7		30-130	20.2	30	
2-Chloronaphthalene	0.842	0.37	mg/Kg dry	1.82	ND	46.2		40-140	1.25	30	
2-Chlorophenol	0.982	0.37	mg/Kg dry	1.82	ND	53.9		30-130	8.87	30	
4-Chlorophenylphenylether	1.11	0.37	mg/Kg dry	1.82	ND	60.9		40-140	5.43	30	
Chrysene	1.20	0.19	mg/Kg dry	1.82	ND	65.8		40-140	13.7	30	
Dibenz(a,h)anthracene	1.14	0.19	mg/Kg dry	1.82	ND	62.4		40-140	0.579	30	
Dibenzofuran	1.02	0.37	mg/Kg dry	1.82	ND	56.1		40-140	4.63	30	
Di-n-butylphthalate	1.32	0.37	mg/Kg dry	1.82	ND	72.2		40-140	5.37	30	
1,2-Dichlorobenzene	0.874	0.37	mg/Kg dry	1.82	ND	48.0		40-140	2.11	30	
1,3-Dichlorobenzene	0.834	0.37	mg/Kg dry	1.82	ND	45.8		40-140	1.43	30	
1,4-Dichlorobenzene	0.835	0.37	mg/Kg dry	1.82	ND	45.8		40-140	1.26	30	
3,3-Dichlorobenzidine	1.30	0.19	mg/Kg dry	1.82	ND	71.3		40-140	**36.3**	* 30	R-06
2,4-Dichlorophenol	1.02	0.37	mg/Kg dry	1.82	ND	56.2		30-130	10.5	30	
Diethylphthalate	1.22	0.37	mg/Kg dry	1.82	ND	67.0		40-140	5.52	30	
2,4-Dimethylphenol	1.08	0.37	mg/Kg dry	1.82	ND	59.5		30-130	8.30	30	
Dimethylphthalate	1.19	0.72	mg/Kg dry	1.82	ND	65.5		40-140	7.44	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B045341 - SW-846 3546												
Matrix Spike Dup (B045341-MSD1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/02/12								
4,6-Dinitro-2-methylphenol	1.27	0.37	mg/Kg dry	1.82	ND	70.0		30-130	2.75		30	V-06
2,4-Dinitrophenol	1.03	0.72	mg/Kg dry	1.82	ND	56.4		30-130	7.54		30	V-06
2,4-Dinitrotoluene	1.11	0.37	mg/Kg dry	1.82	ND	61.0		40-140	2.96		30	
2,6-Dinitrotoluene	1.18	0.37	mg/Kg dry	1.82	ND	64.5		40-140	7.06		30	
Di-n-octylphthalate	1.03	0.72	mg/Kg dry	1.82	ND	56.6		40-140	21.9		30	
1,2-Diphenylhydrazine (as Azobenzene)	1.31	0.37	mg/Kg dry	1.82	ND	72.1		40-140	26.7		30	
Fluoranthene	1.10	0.19	mg/Kg dry	1.82	ND	60.6		40-140	11.3		30	
Fluorene	1.07	0.19	mg/Kg dry	1.82	ND	58.8		40-140	4.45		30	
Hexachlorobenzene	1.23	0.37	mg/Kg dry	1.82	ND	67.6		40-140	19.5		30	
Hexachlorobutadiene	0.916	0.37	mg/Kg dry	1.82	ND	50.3		40-140	2.90		30	
Hexachlorocyclopentadiene	0.742	0.72	mg/Kg dry	1.82	ND	40.8		30-130	**30.7**	*	30	R-06
Hexachloroethane	0.905	0.37	mg/Kg dry	1.82	ND	49.7		40-140	2.49		30	
Indeno(1,2,3-cd)pyrene	1.15	0.19	mg/Kg dry	1.82	ND	63.1		40-140	3.61		30	
Isophorone	1.04	0.37	mg/Kg dry	1.82	ND	56.9		40-140	7.55		30	
1-Methylnaphthalene	1.03	0.19	mg/Kg dry	1.82	ND	56.6		40-140	10.1		30	
2-Methylnaphthalene	0.933	0.19	mg/Kg dry	1.82	ND	51.2		40-140	10.3		30	
2-Methylphenol	1.13	0.37	mg/Kg dry	1.82	ND	62.2		30-130	22.2		30	
3/4-Methylphenol	1.81	0.37	mg/Kg dry	1.82	ND	99.6		30-130	21.7		30	
Naphthalene	0.904	0.19	mg/Kg dry	1.82	ND	49.6		40-140	1.46		30	
2-Nitroaniline	1.07	0.37	mg/Kg dry	1.82	ND	58.7		40-140	12.5		30	
3-Nitroaniline	1.13	0.37	mg/Kg dry	1.82	ND	62.0		40-140	5.57		30	
4-Nitroaniline	1.12	0.37	mg/Kg dry	1.82	ND	61.6		40-140	4.53		30	
Nitrobenzene	0.900	0.37	mg/Kg dry	1.82	ND	49.4		40-140	5.21		30	
2-Nitrophenol	0.988	0.37	mg/Kg dry	1.82	ND	54.3		30-130	2.15		30	
4-Nitrophenol	1.30	0.72	mg/Kg dry	1.82	ND	71.3		30-130	3.15		30	
N-Nitrosodimethylamine	0.783	0.37	mg/Kg dry	1.82	ND	43.0		40-140	12.3		30	
N-Nitrosodiphenylamine	1.84	0.37	mg/Kg dry	1.82	ND	101		40-140	28.4		30	
N-Nitrosodi-n-propylamine	1.24	0.37	mg/Kg dry	1.82	ND	68.3		40-140	19.4		30	
Pentachloronitrobenzene	1.37	0.37	mg/Kg dry	1.82	ND	75.4		40-140	13.3		30	
Pentachlorophenol	1.34	0.37	mg/Kg dry	1.82	ND	73.7		30-130	7.84		30	V-06
Phenanthrene	1.22	0.19	mg/Kg dry	1.82	ND	66.9		40-140	11.3		30	
Phenol	1.02	0.37	mg/Kg dry	1.82	ND	55.9		30-130	13.9		30	
Pyrene	1.13	0.19	mg/Kg dry	1.82	ND	62.1		40-140	26.5		30	
Pyridine	0.514	0.37	mg/Kg dry	1.82	ND	**28.2**	*	40-140	18.6		30	MS-09
1,2,4,5-Tetrachlorobenzene	0.987	0.37	mg/Kg dry	1.82	ND	54.2		40-140	2.62		30	
1,2,4-Trichlorobenzene	0.925	0.37	mg/Kg dry	1.82	ND	50.8		40-140	2.14		30	
2,4,5-Trichlorophenol	1.21	0.37	mg/Kg dry	1.82	ND	66.6		30-130	12.7		30	
2,4,6-Trichlorophenol	1.13	0.37	mg/Kg dry	1.82	ND	62.0		30-130	7.12		30	
Surrogate: 2-Fluorophenol	*3.82*		mg/Kg dry	7.29		52.5		30-130				
Surrogate: Phenol-d6	*4.18*		mg/Kg dry	7.29		57.4		30-130				
Surrogate: Nitrobenzene-d5	*1.85*		mg/Kg dry	3.64		50.8		30-130				
Surrogate: 2-Fluorobiphenyl	*2.03*		mg/Kg dry	3.64		55.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*5.34*		mg/Kg dry	7.29		73.3		30-130				
Surrogate: Terphenyl-d14	*2.31*		mg/Kg dry	3.64		63.4		30-130				

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QUALITY CONTROL

Tentatively Identified Compounds - Semivolatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045341 - SW-846 3546										
Blank (B045341-BLK1)				Prepared: 01/31/12 Analyzed: 02/02/12						
No TICs Found	0.0		mg/Kg wet							

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Blank (B045472-BLK1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	ND	0.020	mg/Kg wet							
Alachlor [2C]	ND	0.020	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
Chlordane	ND	0.020	mg/Kg wet							
Chlordane [2C]	ND	0.020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Hexachlorobenzene	ND	0.0050	mg/Kg wet							
Hexachlorobenzene [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		91.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg wet	0.200		93.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg wet	0.200		93.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.177*		mg/Kg wet	0.200		88.6	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
LCS (B045472-BS1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.018	0.020	mg/Kg wet	0.0200		92.0	40-140			
Alachlor [2C]	0.019	0.020	mg/Kg wet	0.0200		94.1	40-140			
Aldrin	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
Aldrin [2C]	0.020	0.0050	mg/Kg wet	0.0200		101	40-140			
alpha-BHC	0.019	0.0050	mg/Kg wet	0.0200		94.2	40-140			
alpha-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		92.8	40-140			
beta-BHC	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
beta-BHC [2C]	0.019	0.0050	mg/Kg wet	0.0200		95.0	40-140			
delta-BHC	0.019	0.0050	mg/Kg wet	0.0200		93.8	40-140			
delta-BHC [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.4	40-140			
gamma-BHC (Lindane)	0.019	0.0020	mg/Kg wet	0.0200		93.7	40-140			
gamma-BHC (Lindane) [2C]	0.019	0.0020	mg/Kg wet	0.0200		94.2	40-140			
4,4'-DDD	0.020	0.0040	mg/Kg wet	0.0200		98.2	40-140			
4,4'-DDD [2C]	0.020	0.0040	mg/Kg wet	0.0200		98.8	40-140			
4,4'-DDE	0.020	0.0040	mg/Kg wet	0.0200		99.3	40-140			
4,4'-DDE [2C]	0.020	0.0040	mg/Kg wet	0.0200		101	40-140			
4,4'-DDT	0.021	0.0040	mg/Kg wet	0.0200		106	40-140			
4,4'-DDT [2C]	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Dieldrin	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Dieldrin [2C]	0.021	0.0040	mg/Kg wet	0.0200		103	40-140			
Endosulfan I	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Endosulfan I [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Endosulfan II	0.020	0.0080	mg/Kg wet	0.0200		99.2	40-140			
Endosulfan II [2C]	0.020	0.0080	mg/Kg wet	0.0200		99.1	40-140			
Endosulfan Sulfate	0.020	0.0080	mg/Kg wet	0.0200		99.1	40-140			
Endosulfan Sulfate [2C]	0.020	0.0080	mg/Kg wet	0.0200		99.7	40-140			
Endrin	0.020	0.0080	mg/Kg wet	0.0200		102	40-140			
Endrin [2C]	0.021	0.0080	mg/Kg wet	0.0200		103	40-140			
Endrin Aldehyde	0.015	0.0080	mg/Kg wet	0.0200		75.0	40-140			
Endrin Aldehyde [2C]	0.016	0.0080	mg/Kg wet	0.0200		77.6	40-140			
Endrin Ketone	0.019	0.0080	mg/Kg wet	0.0200		96.2	40-140			
Endrin Ketone [2C]	0.019	0.0080	mg/Kg wet	0.0200		96.1	40-140			
Heptachlor	0.020	0.0050	mg/Kg wet	0.0200		99.3	40-140			
Heptachlor [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Heptachlor Epoxide	0.020	0.0050	mg/Kg wet	0.0200		99.4	40-140			
Heptachlor Epoxide [2C]	0.020	0.0050	mg/Kg wet	0.0200		100	40-140			
Hexachlorobenzene	0.020	0.0050	mg/Kg wet	0.0200		98.4	40-140			
Hexachlorobenzene [2C]	0.018	0.0050	mg/Kg wet	0.0200		92.4	40-140			
Methoxychlor	0.021	0.050	mg/Kg wet	0.0200		106	40-140			
Methoxychlor [2C]	0.020	0.050	mg/Kg wet	0.0200		102	40-140			
Surrogate: Decachlorobiphenyl	*0.175*		mg/Kg wet	0.200		87.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg wet	0.200		89.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.178*		mg/Kg wet	0.200		89.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.166*		mg/Kg wet	0.200		83.2	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
LCS Dup (B045472-BSD1)				Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.016	0.020	mg/Kg wet	0.0200		82.0	40-140	11.5	30	
Alachlor [2C]	0.017	0.020	mg/Kg wet	0.0200		83.9	40-140	11.5	30	
Aldrin	0.018	0.0050	mg/Kg wet	0.0200		91.2	40-140	10.2	30	
Aldrin [2C]	0.018	0.0050	mg/Kg wet	0.0200		91.2	40-140	10.2	30	
alpha-BHC	0.017	0.0050	mg/Kg wet	0.0200		86.4	40-140	8.63	30	
alpha-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		84.7	40-140	9.17	30	
beta-BHC	0.018	0.0050	mg/Kg wet	0.0200		87.7	40-140	13.5	30	
beta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		86.5	40-140	9.46	30	
delta-BHC	0.017	0.0050	mg/Kg wet	0.0200		84.6	40-140	10.4	30	
delta-BHC [2C]	0.017	0.0050	mg/Kg wet	0.0200		83.1	40-140	8.34	30	
gamma-BHC (Lindane)	0.017	0.0020	mg/Kg wet	0.0200		84.8	40-140	9.87	30	
gamma-BHC (Lindane) [2C]	0.017	0.0020	mg/Kg wet	0.0200		84.0	40-140	11.4	30	
4,4'-DDD	0.018	0.0040	mg/Kg wet	0.0200		88.3	40-140	10.6	30	
4,4'-DDD [2C]	0.018	0.0040	mg/Kg wet	0.0200		88.4	40-140	11.1	30	
4,4'-DDE	0.018	0.0040	mg/Kg wet	0.0200		89.3	40-140	10.6	30	
4,4'-DDE [2C]	0.018	0.0040	mg/Kg wet	0.0200		90.2	40-140	10.8	30	
4,4'-DDT	0.019	0.0040	mg/Kg wet	0.0200		93.3	40-140	12.3	30	
4,4'-DDT [2C]	0.018	0.0040	mg/Kg wet	0.0200		92.0	40-140	10.9	30	
Dieldrin	0.019	0.0040	mg/Kg wet	0.0200		92.5	40-140	10.4	30	
Dieldrin [2C]	0.019	0.0040	mg/Kg wet	0.0200		92.8	40-140	10.8	30	
Endosulfan I	0.018	0.0050	mg/Kg wet	0.0200		89.8	40-140	10.9	30	
Endosulfan I [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.4	40-140	10.3	30	
Endosulfan II	0.018	0.0080	mg/Kg wet	0.0200		88.9	40-140	10.9	30	
Endosulfan II [2C]	0.018	0.0080	mg/Kg wet	0.0200		89.3	40-140	10.5	30	
Endosulfan Sulfate	0.018	0.0080	mg/Kg wet	0.0200		89.4	40-140	10.3	30	
Endosulfan Sulfate [2C]	0.018	0.0080	mg/Kg wet	0.0200		89.8	40-140	10.4	30	
Endrin	0.018	0.0080	mg/Kg wet	0.0200		91.6	40-140	10.4	30	
Endrin [2C]	0.018	0.0080	mg/Kg wet	0.0200		92.2	40-140	10.7	30	
Endrin Aldehyde	0.014	0.0080	mg/Kg wet	0.0200		68.3	40-140	9.31	30	
Endrin Aldehyde [2C]	0.014	0.0080	mg/Kg wet	0.0200		70.7	40-140	9.23	30	
Endrin Ketone	0.017	0.0080	mg/Kg wet	0.0200		85.5	40-140	11.8	30	
Endrin Ketone [2C]	0.017	0.0080	mg/Kg wet	0.0200		86.3	40-140	10.7	30	
Heptachlor	0.018	0.0050	mg/Kg wet	0.0200		89.9	40-140	9.87	30	
Heptachlor [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.8	40-140	9.75	30	
Heptachlor Epoxide	0.018	0.0050	mg/Kg wet	0.0200		90.2	40-140	9.67	30	
Heptachlor Epoxide [2C]	0.018	0.0050	mg/Kg wet	0.0200		90.3	40-140	10.3	30	
Hexachlorobenzene	0.018	0.0050	mg/Kg wet	0.0200		87.8	40-140	11.3	30	
Hexachlorobenzene [2C]	0.017	0.0050	mg/Kg wet	0.0200		82.8	40-140	10.9	30	
Methoxychlor	0.019	0.050	mg/Kg wet	0.0200		94.9	40-140	10.7	30	
Methoxychlor [2C]	0.019	0.050	mg/Kg wet	0.0200		93.2	40-140	9.48	30	
Surrogate: Decachlorobiphenyl	*0.161*		mg/Kg wet	0.200		80.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.164*		mg/Kg wet	0.200		81.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.160*		mg/Kg wet	0.200		80.0	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Matrix Spike (B045472-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Alachlor	0.018	0.022	mg/Kg dry	0.0216	ND	82.8	30-150			
Alachlor [2C]	0.018	0.022	mg/Kg dry	0.0216	ND	81.8	30-150			
Aldrin	0.020	0.0054	mg/Kg dry	0.0216	ND	92.1	30-150			
Aldrin [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	93.3	30-150			
alpha-BHC	0.021	0.0054	mg/Kg dry	0.0216	ND	95.3	30-150			
alpha-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	88.8	30-150			
beta-BHC	0.020	0.0054	mg/Kg dry	0.0216	ND	91.3	30-150			
beta-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	89.1	30-150			
delta-BHC	0.020	0.0054	mg/Kg dry	0.0216	ND	90.5	30-150			
delta-BHC [2C]	0.019	0.0054	mg/Kg dry	0.0216	ND	87.4	30-150			
gamma-BHC (Lindane)	0.019	0.0022	mg/Kg dry	0.0216	ND	88.6	30-150			
gamma-BHC (Lindane) [2C]	0.019	0.0022	mg/Kg dry	0.0216	ND	87.5	30-150			
4,4'-DDD	0.020	0.0043	mg/Kg dry	0.0216	ND	92.6	30-150			
4,4'-DDD [2C]	0.020	0.0043	mg/Kg dry	0.0216	ND	93.0	30-150			
4,4'-DDE	0.020	0.0043	mg/Kg dry	0.0216	ND	92.7	30-150			
4,4'-DDE [2C]	0.020	0.0043	mg/Kg dry	0.0216	ND	93.1	30-150			
4,4'-DDT	0.023	0.0043	mg/Kg dry	0.0216	ND	107	30-150			
4,4'-DDT [2C]	0.021	0.0043	mg/Kg dry	0.0216	ND	99.3	30-150			
Dieldrin	0.020	0.0043	mg/Kg dry	0.0216	ND	93.6	30-150			
Dieldrin [2C]	0.021	0.0043	mg/Kg dry	0.0216	ND	95.7	30-150			
Endosulfan I	0.019	0.0054	mg/Kg dry	0.0216	ND	89.8	30-150			
Endosulfan I [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	92.7	30-150			
Endosulfan II	0.020	0.0087	mg/Kg dry	0.0216	ND	90.2	30-150			
Endosulfan II [2C]	0.020	0.0087	mg/Kg dry	0.0216	ND	91.3	30-150			
Endosulfan Sulfate	0.019	0.0087	mg/Kg dry	0.0216	ND	89.8	30-150			
Endosulfan Sulfate [2C]	0.020	0.0087	mg/Kg dry	0.0216	ND	90.5	30-150			
Endrin	0.021	0.0087	mg/Kg dry	0.0216	ND	95.7	30-150			
Endrin [2C]	0.021	0.0087	mg/Kg dry	0.0216	ND	98.6	30-150			
Endrin Aldehyde	0.015	0.0087	mg/Kg dry	0.0216	ND	67.7	30-150			
Endrin Aldehyde [2C]	0.014	0.0087	mg/Kg dry	0.0216	ND	66.7	30-150			
Endrin Ketone	0.019	0.0087	mg/Kg dry	0.0216	ND	86.7	30-150			
Endrin Ketone [2C]	0.019	0.0087	mg/Kg dry	0.0216	ND	87.2	30-150			
Heptachlor	0.020	0.0054	mg/Kg dry	0.0216	ND	92.6	30-150			
Heptachlor [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	93.1	30-150			
Heptachlor Epoxide	0.020	0.0054	mg/Kg dry	0.0216	ND	91.3	30-150			
Heptachlor Epoxide [2C]	0.020	0.0054	mg/Kg dry	0.0216	ND	91.2	30-150			
Hexachlorobenzene	0.020	0.0054	mg/Kg dry	0.0216	ND	90.9	30-150			
Hexachlorobenzene [2C]	0.018	0.0054	mg/Kg dry	0.0216	ND	85.2	30-150			
Methoxychlor	0.024	0.054	mg/Kg dry	0.0216	ND	110	30-150			
Methoxychlor [2C]	0.022	0.054	mg/Kg dry	0.0216	ND	101	30-150			
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg dry	0.216		79.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg dry	0.216		84.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.187*		mg/Kg dry	0.216		86.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg dry	0.216		84.7	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045472 - SW-846 3546										
Matrix Spike Dup (B045472-MSD1)	**Source: 12A0882-04**		Prepared: 01/31/12 Analyzed: 02/01/12							
Alachlor	0.014	0.022	mg/Kg dry	0.0216	ND	63.7	30-150	26.1	30	
Alachlor [2C]	0.013	0.022	mg/Kg dry	0.0216	ND	62.3	30-150	27.1	30	
Aldrin	0.015	0.0054	mg/Kg dry	0.0216	ND	71.4	30-150	25.3	30	
Aldrin [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.3	30-150	25.3	30	
alpha-BHC	0.016	0.0054	mg/Kg dry	0.0216	ND	73.8	30-150	25.4	30	
alpha-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	68.8	30-150	25.4	30	
beta-BHC	0.015	0.0054	mg/Kg dry	0.0216	ND	71.6	30-150	24.1	30	
beta-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	70.5	30-150	23.4	30	
delta-BHC	0.015	0.0054	mg/Kg dry	0.0216	ND	68.2	30-150	28.2	30	
delta-BHC [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	67.4	30-150	26.0	30	
gamma-BHC (Lindane)	0.015	0.0022	mg/Kg dry	0.0216	ND	68.5	30-150	25.6	30	
gamma-BHC (Lindane) [2C]	0.015	0.0022	mg/Kg dry	0.0216	ND	68.4	30-150	24.5	30	
4,4'-DDD	0.015	0.0043	mg/Kg dry	0.0216	ND	71.2	30-150	26.1	30	
4,4'-DDD [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	72.8	30-150	24.4	30	
4,4'-DDE	0.015	0.0043	mg/Kg dry	0.0216	ND	71.6	30-150	25.7	30	
4,4'-DDE [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	71.9	30-150	25.7	30	
4,4'-DDT	0.018	0.0043	mg/Kg dry	0.0216	ND	82.6	30-150	26.1	30	
4,4'-DDT [2C]	0.017	0.0043	mg/Kg dry	0.0216	ND	76.7	30-150	25.6	30	
Dieldrin	0.016	0.0043	mg/Kg dry	0.0216	ND	72.7	30-150	25.1	30	
Dieldrin [2C]	0.016	0.0043	mg/Kg dry	0.0216	ND	73.8	30-150	25.8	30	
Endosulfan I	0.015	0.0054	mg/Kg dry	0.0216	ND	70.0	30-150	24.8	30	
Endosulfan I [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.1	30-150	24.9	30	
Endosulfan II	0.015	0.0087	mg/Kg dry	0.0216	ND	70.3	30-150	24.8	30	
Endosulfan II [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	71.1	30-150	24.9	30	
Endosulfan Sulfate	0.015	0.0087	mg/Kg dry	0.0216	ND	69.8	30-150	25.1	30	
Endosulfan Sulfate [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	71.3	30-150	23.6	30	
Endrin	0.016	0.0087	mg/Kg dry	0.0216	ND	75.3	30-150	23.9	30	
Endrin [2C]	0.017	0.0087	mg/Kg dry	0.0216	ND	77.6	30-150	23.9	30	
Endrin Aldehyde	0.012	0.0087	mg/Kg dry	0.0216	ND	53.2	30-150	23.9	30	
Endrin Aldehyde [2C]	0.011	0.0087	mg/Kg dry	0.0216	ND	51.6	30-150	25.4	30	
Endrin Ketone	0.015	0.0087	mg/Kg dry	0.0216	ND	68.1	30-150	24.1	30	
Endrin Ketone [2C]	0.015	0.0087	mg/Kg dry	0.0216	ND	67.8	30-150	25.1	30	
Heptachlor	0.016	0.0054	mg/Kg dry	0.0216	ND	71.9	30-150	25.3	30	
Heptachlor [2C]	0.016	0.0054	mg/Kg dry	0.0216	ND	72.2	30-150	25.3	30	
Heptachlor Epoxide	0.015	0.0054	mg/Kg dry	0.0216	ND	71.3	30-150	24.5	30	
Heptachlor Epoxide [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	71.5	30-150	24.2	30	
Hexachlorobenzene	0.016	0.0054	mg/Kg dry	0.0216	ND	72.7	30-150	22.2	30	
Hexachlorobenzene [2C]	0.015	0.0054	mg/Kg dry	0.0216	ND	68.6	30-150	21.6	30	
Methoxychlor	0.019	0.054	mg/Kg dry	0.0216	ND	85.9	30-150	24.8	30	
Methoxychlor [2C]	0.017	0.054	mg/Kg dry	0.0216	ND	79.7	30-150	23.7	30	
Surrogate: Decachlorobiphenyl	*0.135*		mg/Kg dry	0.216		62.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.139*		mg/Kg dry	0.216		64.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.144*		mg/Kg dry	0.216		66.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.141*		mg/Kg dry	0.216		65.3	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B045275 - SW-846 3546											
Blank (B045275-BLK1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	ND	0.10	mg/Kg wet								R-05
Aroclor-1016 [2C]	ND	0.10	mg/Kg wet								R-05
Aroclor-1221	ND	0.10	mg/Kg wet								
Aroclor-1221 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1232	ND	0.10	mg/Kg wet								
Aroclor-1232 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1242	ND	0.10	mg/Kg wet								
Aroclor-1242 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1248	ND	0.10	mg/Kg wet								
Aroclor-1248 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1254	ND	0.10	mg/Kg wet								
Aroclor-1254 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1260	ND	0.10	mg/Kg wet								R-05
Aroclor-1260 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1262	ND	0.10	mg/Kg wet								
Aroclor-1262 [2C]	ND	0.10	mg/Kg wet								
Aroclor-1268	ND	0.10	mg/Kg wet								
Aroclor-1268 [2C]	ND	0.10	mg/Kg wet								
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		101	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.5	30-150				
Surrogate: Tetrachloro-m-xylene	*0.199*		mg/Kg wet	0.200		99.3	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150				
LCS (B045275-BS1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	0.19	0.10	mg/Kg wet	0.200		93.0	40-140				R-05
Aroclor-1016 [2C]	0.19	0.10	mg/Kg wet	0.200		93.9	40-140				R-05
Aroclor-1260	0.18	0.10	mg/Kg wet	0.200		91.4	40-140				R-05
Aroclor-1260 [2C]	0.17	0.10	mg/Kg wet	0.200		86.7	40-140				
Surrogate: Decachlorobiphenyl	*0.181*		mg/Kg wet	0.200		90.7	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg wet	0.200		81.5	30-150				
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.7	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.5	30-150				
LCS Dup (B045275-BSD1)				Prepared: 01/31/12 Analyzed: 02/01/12							
Aroclor-1016	0.26	0.10	mg/Kg wet	0.200		128	40-140	**31.9**	*	30	R-05
Aroclor-1016 [2C]	0.26	0.10	mg/Kg wet	0.200		130	40-140	**32.2**	*	30	R-05
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		126	40-140	**31.7**	*	30	R-05
Aroclor-1260 [2C]	0.23	0.10	mg/Kg wet	0.200		117	40-140	29.6		30	
Surrogate: Decachlorobiphenyl	*0.247*		mg/Kg wet	0.200		123	30-150				
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150				
Surrogate: Tetrachloro-m-xylene	*0.247*		mg/Kg wet	0.200		124	30-150				
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg wet	0.200		119	30-150				

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045275 - SW-846 3546										
Matrix Spike (B045275-MS1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.219	ND	95.3	40-140			R-05
Aroclor-1016 [2C]	0.20	0.11	mg/Kg dry	0.219	ND	93.3	40-140			R-05
Aroclor-1260	0.20	0.11	mg/Kg dry	0.219	ND	90.0	40-140			R-05
Aroclor-1260 [2C]	0.18	0.11	mg/Kg dry	0.219	ND	84.4	40-140			
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg dry	0.219		80.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.165*		mg/Kg dry	0.219		75.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.200*		mg/Kg dry	0.219		91.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg dry	0.219		89.6	30-150			
Matrix Spike Dup (B045275-MSD1)	**Source: 12A0882-04**			Prepared: 01/31/12 Analyzed: 02/01/12						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.216	ND	97.1	40-140	0.918	50	R-05
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.216	ND	97.9	40-140	3.83	50	R-05
Aroclor-1260	0.21	0.11	mg/Kg dry	0.216	ND	94.9	40-140	4.36	50	R-05
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.216	ND	89.8	40-140	5.21	50	
Surrogate: Decachlorobiphenyl	*0.178*		mg/Kg dry	0.216		82.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.167*		mg/Kg dry	0.216		77.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.197*		mg/Kg dry	0.216		91.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg dry	0.216		89.0	30-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045193 - SW-846 7471										
Blank (B045193-BLK1)				Prepared & Analyzed: 01/30/12						
Mercury	ND	0.025	mg/Kg wet							
LCS (B045193-BS1)				Prepared & Analyzed: 01/30/12						
Mercury	3.01	0.32	mg/Kg wet	3.73		80.6	66-132			
LCS Dup (B045193-BSD1)				Prepared & Analyzed: 01/30/12						
Mercury	3.50	0.34	mg/Kg wet	3.73		93.9	66-132	15.2	30	
Duplicate (B045193-DUP1)	**Source: 12A0882-04**			Prepared & Analyzed: 01/30/12						
Mercury	ND	0.027	mg/Kg dry		ND			NC	35	
Matrix Spike (B045193-MS1)	**Source: 12A0882-04**			Prepared & Analyzed: 01/30/12						
Mercury	0.174	0.027	mg/Kg dry	0.181	0.0238	82.6	75-125			
Matrix Spike Dup (B045193-MSD1)	**Source: 12A0882-04**			Prepared & Analyzed: 01/30/12						
Mercury	0.176	0.027	mg/Kg dry	0.182	0.0238	83.5	75-125	1.33	35	
Batch B045655 - SW-846 3050B										
Blank (B045655-BLK1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	ND	2.5	mg/Kg wet							
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Calcium	ND	7.5	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Cobalt	ND	2.5	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Iron	ND	2.5	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Magnesium	ND	7.5	mg/Kg wet							
Manganese	ND	0.50	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Potassium	ND	100	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Sodium	ND	100	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B										
LCS (B045655-BS1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	7900	5.0	mg/Kg wet	8390		94.2	39-161			
Antimony	92.1	5.0	mg/Kg wet	106		86.9	30-219			
Arsenic	111	5.0	mg/Kg wet	109		102	83.2-117.4			
Barium	208	5.0	mg/Kg wet	206		101	83.1-116.9			
Beryllium	95.7	0.50	mg/Kg wet	88.2		109	83.7-116.2			
Cadmium	84.5	0.50	mg/Kg wet	80.2		105	80.7-119.1			
Calcium	6950	15	mg/Kg wet	6700		104	78.4-121.6			
Chromium	119	1.0	mg/Kg wet	117		102	80.6-119.9			
Cobalt	130	5.0	mg/Kg wet	127		102	81.2-118.8			
Copper	120	1.0	mg/Kg wet	117		103	83.8-116.2			
Iron	12200	5.0	mg/Kg wet	12300		98.9	50.5-148.8			
Lead	70.9	1.5	mg/Kg wet	76.2		93.1	70.7-129			
Magnesium	2790	15	mg/Kg wet	2640		106	69.5-130.2			
Manganese	371	1.0	mg/Kg wet	350		106	76.7-123.2			
Nickel	70.7	1.0	mg/Kg wet	71.2		99.3	81.2-118.3			
Potassium	3130	200	mg/Kg wet	2960		106	65.3-134.5			
Selenium	130	10	mg/Kg wet	127		102	79.2-120.3			
Silver	41.0	1.0	mg/Kg wet	41.0		99.9	66.3-133.7			
Sodium	382	200	mg/Kg wet	360		106	70.8-129.3			
Thallium	265	5.0	mg/Kg wet	266		99.5	77.8-121.6			
Vanadium	90.2	2.0	mg/Kg wet	86.1		105	76.8-123.6			
Zinc	280	2.0	mg/Kg wet	280		100	81.9-117.7			
LCS (B045655-BS2)				Prepared: 02/01/12 Analyzed: 02/06/12						
Lead	0.762	0.71	mg/Kg wet	0.706		108	80-120			
LCS Dup (B045655-BSD1)				Prepared: 02/01/12 Analyzed: 02/06/12						
Aluminum	8060	5.0	mg/Kg wet	8390		96.1	39-161	2.06	30	
Antimony	93.6	5.0	mg/Kg wet	106		88.3	30-219	1.59	30	
Arsenic	113	5.0	mg/Kg wet	109		104	83.2-117.4	1.36	30	
Barium	213	5.0	mg/Kg wet	206		103	83.1-116.9	2.54	30	
Beryllium	98.6	0.50	mg/Kg wet	88.2		112	83.7-116.2	2.92	30	
Cadmium	91.4	0.50	mg/Kg wet	80.2		114	80.7-119.1	7.90	30	
Calcium	7470	15	mg/Kg wet	6700		112	78.4-121.6	7.32	30	
Chromium	125	1.0	mg/Kg wet	117		107	80.6-119.9	4.48	30	
Cobalt	135	5.0	mg/Kg wet	127		106	81.2-118.8	3.72	30	
Copper	129	1.0	mg/Kg wet	117		110	83.8-116.2	6.87	30	
Iron	12300	5.0	mg/Kg wet	12300		100	50.5-148.8	1.09	30	
Lead	74.0	1.5	mg/Kg wet	76.2		97.1	70.7-129	4.27	30	
Magnesium	2810	15	mg/Kg wet	2640		106	69.5-130.2	0.463	30	
Manganese	382	1.0	mg/Kg wet	350		109	76.7-123.2	2.82	30	
Nickel	74.7	1.0	mg/Kg wet	71.2		105	81.2-118.3	5.51	30	
Potassium	3090	200	mg/Kg wet	2960		105	65.3-134.5	1.02	30	
Selenium	141	10	mg/Kg wet	127		111	79.2-120.3	8.07	30	
Silver	41.6	1.0	mg/Kg wet	41.0		101	66.3-133.7	1.52	30	
Sodium	395	200	mg/Kg wet	360		110	70.8-129.3	3.24	30	
Thallium	270	5.0	mg/Kg wet	266		102	77.8-121.6	2.18	30	
Vanadium	93.5	2.0	mg/Kg wet	86.1		109	76.8-123.6	3.57	30	
Zinc	289	2.0	mg/Kg wet	280		103	81.9-117.7	3.03	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B											
Duplicate (B045655-DUP1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	7060	2.7	mg/Kg dry		7820				10.1	35	
Antimony	ND	2.7	mg/Kg dry		ND				NC	35	
Arsenic	ND	2.7	mg/Kg dry		ND				NC	35	
Barium	11.2	2.7	mg/Kg dry		12.6				11.9	35	
Beryllium	ND	0.27	mg/Kg dry		ND				NC	35	
Cadmium	ND	0.27	mg/Kg dry		ND				NC	35	
Calcium	466	8.0	mg/Kg dry		452				3.05	35	
Chromium	5.35	0.54	mg/Kg dry		6.05				12.2	35	
Cobalt	ND	2.7	mg/Kg dry		ND				NC	35	
Copper	1.96	0.54	mg/Kg dry		2.11				7.62	35	
Iron	6250	2.7	mg/Kg dry		6540				4.46	35	
Lead	6.03	0.80	mg/Kg dry		7.31				19.2	35	
Magnesium	398	8.0	mg/Kg dry		401				0.633	35	
Manganese	17.6	0.54	mg/Kg dry		17.4				0.965	35	
Nickel	2.16	0.54	mg/Kg dry		2.40				10.6	35	
Potassium	236	110	mg/Kg dry		281				17.3	35	
Selenium	ND	5.4	mg/Kg dry		ND				NC	35	
Silver	ND	0.54	mg/Kg dry		ND				NC	35	
Sodium	ND	110	mg/Kg dry		ND				NC	35	
Thallium	ND	2.7	mg/Kg dry		ND				NC	35	
Vanadium	10.2	1.1	mg/Kg dry		11.2				9.12	35	
Zinc	11.5	1.1	mg/Kg dry		12.6				9.20	35	
Matrix Spike (B045655-MS1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	9140	2.7	mg/Kg dry	107	7820	**1240**	*	75-125			MS-19
Antimony	65.4	2.7	mg/Kg dry	107	ND	**61.4**	*	75-125			MS-07A
Arsenic	105	2.7	mg/Kg dry	107	ND	98.8		75-125			
Barium	120	2.7	mg/Kg dry	107	12.6	101		75-125			
Beryllium	115	0.27	mg/Kg dry	107	ND	108		75-125			
Cadmium	107	0.27	mg/Kg dry	107	ND	100		75-125			
Calcium	587	8.0	mg/Kg dry	107	452	**127**	*	75-125			MS-19
Chromium	113	0.53	mg/Kg dry	107	6.05	100		75-125			
Cobalt	105	2.7	mg/Kg dry	107	0.967	97.8		75-125			
Copper	111	0.53	mg/Kg dry	107	2.11	103		75-125			
Iron	6790	2.7	mg/Kg dry	107	6540	**236**	*	75-125			MS-19
Lead	104	0.80	mg/Kg dry	107	7.31	91.0		75-125			
Magnesium	581	8.0	mg/Kg dry	107	401	**169**	*	75-125			MS-12
Manganese	128	0.53	mg/Kg dry	107	17.4	104		75-125			
Nickel	104	0.53	mg/Kg dry	107	2.40	95.1		75-125			
Potassium	1390	110	mg/Kg dry	1070	281	104		75-125			
Selenium	102	5.3	mg/Kg dry	107	ND	95.5		75-125			
Silver	104	0.53	mg/Kg dry	107	ND	98.0		75-125			
Sodium	152	110	mg/Kg dry	107	ND	**143**	*	75-125			MS-15
Thallium	101	2.7	mg/Kg dry	107	ND	94.9		75-125			
Vanadium	122	1.1	mg/Kg dry	107	11.2	104		75-125			
Zinc	119	1.1	mg/Kg dry	107	12.6	99.8		75-125			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B045655 - SW-846 3050B											
Matrix Spike Dup (B045655-MSD1)	**Source: 12A0882-04**			Prepared: 02/01/12 Analyzed: 02/06/12							
Aluminum	8840	2.7	mg/Kg dry	109	7820	**943**	*	75-125	3.28	35	MS-19
Antimony	66.3	2.7	mg/Kg dry	109	ND	**61.0**	*	75-125	1.33	35	MS-07A
Arsenic	107	2.7	mg/Kg dry	109	ND	98.1		75-125	1.19	35	
Barium	119	2.7	mg/Kg dry	109	12.6	98.0		75-125	1.03	35	
Beryllium	113	0.27	mg/Kg dry	109	ND	104		75-125	1.79	35	
Cadmium	108	0.27	mg/Kg dry	109	ND	99.3		75-125	0.885	35	
Calcium	579	8.1	mg/Kg dry	109	452	117		75-125	1.43	35	
Chromium	113	0.54	mg/Kg dry	109	6.05	98.1		75-125	0.237	35	
Cobalt	106	2.7	mg/Kg dry	109	0.967	96.7		75-125	0.673	35	
Copper	111	0.54	mg/Kg dry	109	2.11	100		75-125	0.447	35	
Iron	6860	2.7	mg/Kg dry	109	6540	**296**	*	75-125	1.03	35	MS-19
Lead	105	0.81	mg/Kg dry	109	7.31	89.7		75-125	0.412	35	
Magnesium	584	8.1	mg/Kg dry	109	401	**169**	*	75-125	0.534	35	MS-12
Manganese	129	0.54	mg/Kg dry	109	17.4	103		75-125	1.28	35	
Nickel	104	0.54	mg/Kg dry	109	2.40	93.3		75-125	0.0609	35	
Potassium	1400	110	mg/Kg dry	1090	281	103		75-125	0.555	35	
Selenium	103	5.4	mg/Kg dry	109	ND	95.2		75-125	1.54	35	
Silver	104	0.54	mg/Kg dry	109	ND	95.9		75-125	0.226	35	
Sodium	153	110	mg/Kg dry	109	ND	**141**	*	75-125	0.833	35	MS-15
Thallium	102	2.7	mg/Kg dry	109	ND	93.9		75-125	0.860	35	
Vanadium	123	1.1	mg/Kg dry	109	11.2	102		75-125	0.182	35	
Zinc	120	1.1	mg/Kg dry	109	12.6	98.5		75-125	0.517	35	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B045459 - SW846 9014										
Blank (B045459-BLK1)				Prepared & Analyzed: 02/03/12						
Cyanide	ND	0.48	mg/Kg wet							
LCS (B045459-BS1)				Prepared & Analyzed: 02/03/12						
Cyanide	52	0.94	mg/Kg wet	51.9		100	80-120			
LCS Dup (B045459-BSD1)				Prepared & Analyzed: 02/03/12						
Cyanide	53	0.94	mg/Kg wet	51.6		102	80-120	1.63	20	

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BREAKDOWN REPORT

Lab Sample ID: **S001743-PEM1** **Analyzed:** **02/01/2012**

Column Number: **1**

Analyte	% Breakdown
4,4'-DDT [1]	5.57
Endrin [1]	6.89

Column Number: **2**

Analyte	% Breakdown
4,4'-DDT [2]	2.77
Endrin [2]	6.73

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
L-07A	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-06	Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy are associated with reported result.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Aluminum	CT,NH,NY,ME
Antimony	CT,NH,NY,NC,ME
Arsenic	CT,NH,NY,ME,NC
Barium	CT,NH,NY,ME,NC
Beryllium	CT,NH,NY,ME,NC
Cadmium	CT,NH,NY,ME,NC
Calcium	CT,NH,NY,ME,NC
Chromium	CT,NH,NY,ME,NC
Cobalt	CT,NH,NY,ME,NC
Copper	CT,NH,NY,ME,NC
Iron	CT,NH,NY,ME,NC
Lead	CT,NH,NY,AIHA,ME,NC
Magnesium	CT,NH,NY,ME,NC
Manganese	CT,NH,NY,ME,NC
Nickel	CT,NH,NY,ME,NC
Potassium	CT,NH,NY,ME,NC
Selenium	CT,NH,NY,ME,NC
Silver	CT,NH,NY,ME,NC
Sodium	CT,NH,NY,ME,NC
Thallium	CT,NH,NY,ME,NC
Vanadium	CT,NH,NY,ME,NC
Zinc	CT,NH,NY,ME,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME
SW-846 8081B in Soil	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,ME,NC
Aldrin [2C]	CT,NH,NY,ME,NC
alpha-BHC	CT,NH,NY,ME,NC
alpha-BHC [2C]	CT,NH,NY,ME,NC
beta-BHC	CT,NH,NY,ME,NC
beta-BHC [2C]	CT,NH,NY,ME,NC
delta-BHC	CT,NH,NY,ME,NC
delta-BHC [2C]	CT,NH,NY,ME,NC
gamma-BHC (Lindane)	CT,NH,NY,ME,NC
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC
Chlordane	CT,NH,NY,ME,NC
Chlordane [2C]	CT,NH,NY,ME,NC
4,4'-DDD	CT,NH,NY,ME,NC
4,4'-DDD [2C]	CT,NH,NY,ME,NC
4,4'-DDE	CT,NH,NY,ME,NC
4,4'-DDE [2C]	CT,NH,NY,ME,NC
4,4'-DDT	CT,NH,NY,ME,NC
4,4'-DDT [2C]	CT,NH,NY,ME,NC
Dieldrin	CT,NH,NY,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Soil	
Dieldrin [2C]	CT,NH,NY,ME,NC
Endosulfan I	CT,NH,NY,ME,NC
Endosulfan I [2C]	CT,NH,NY,ME,NC
Endosulfan II	CT,NH,NY,ME,NC
Endosulfan II [2C]	CT,NH,NY,ME,NC
Endosulfan Sulfate	CT,NH,NY,ME,NC
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC
Endrin	CT,NH,NY,ME,NC
Endrin [2C]	CT,NH,NY,ME,NC
Endrin Aldehyde	CT,NH,NY,ME,NC
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC
Heptachlor [2C]	CT,NH,NY,ME,NC
Heptachlor Epoxide	CT,NH,NY,ME,NC
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,ME,NC
Methoxychlor [2C]	CT,NH,NY,ME,NC
Toxaphene	CT,NH,NY,ME,NC
Toxaphene [2C]	CT,NH,NY,ME,NC
SW-846 8081B in Water	
Alachlor	NC
Alachlor [2C]	NC
Aldrin	CT,NH,NY,RI,ME,NC
Aldrin [2C]	CT,NH,NY,RI,ME,NC
alpha-BHC	CT,NH,NY,RI,ME,NC
alpha-BHC [2C]	CT,NH,NY,RI,ME,NC
beta-BHC	CT,NH,NY,RI,ME,NC
beta-BHC [2C]	CT,NH,NY,RI,ME,NC
delta-BHC	CT,NH,NY,RI,ME,NC
delta-BHC [2C]	CT,NH,NY,RI,ME,NC
gamma-BHC (Lindane)	CT,NH,NY,RI,ME,NC
gamma-BHC (Lindane) [2C]	CT,NH,NY,RI,ME,NC
Chlordane	CT,NH,NY,RI,ME,NC
Chlordane [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDD	CT,NH,NY,RI,ME,NC
4,4'-DDD [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDE	CT,NH,NY,RI,ME,NC
4,4'-DDE [2C]	CT,NH,NY,RI,ME,NC
4,4'-DDT	CT,NH,NY,RI,ME,NC
4,4'-DDT [2C]	CT,NH,NY,RI,ME,NC
Dieldrin	CT,NH,NY,RI,ME,NC
Dieldrin [2C]	CT,NH,NY,RI,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8081B in Water	
Endosulfan I	CT,NH,NY,RI,ME,NC
Endosulfan I [2C]	CT,NH,NY,RI,ME,NC
Endosulfan II	CT,NH,NY,RI,ME,NC
Endosulfan II [2C]	CT,NH,NY,RI,ME,NC
Endosulfan Sulfate	CT,NH,NY,RI,ME,NC
Endosulfan Sulfate [2C]	CT,NH,NY,RI,ME,NC
Endrin	CT,NH,NY,RI,ME,NC
Endrin [2C]	CT,NH,NY,RI,ME,NC
Endrin Aldehyde	CT,NH,NY,RI,ME,NC
Endrin Aldehyde [2C]	CT,NH,NY,RI,ME,NC
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,RI,ME,NC
Heptachlor [2C]	CT,NH,NY,RI,ME,NC
Heptachlor Epoxide	CT,NH,NY,RI,ME,NC
Heptachlor Epoxide [2C]	CT,NH,NY,RI,ME,NC
Hexachlorobenzene	NC
Hexachlorobenzene [2C]	NC
Methoxychlor	CT,NH,NY,RI,ME,NC
Methoxychlor [2C]	CT,NH,NY,RI,ME,NC
Toxaphene	CT,NH,NY,RI,ME,NC
Toxaphene [2C]	CT,NH,NY,RI,ME,NC
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME
Aroclor-1016 [2C]	CT,NH,NY,NC,ME
Aroclor-1221	CT,NH,NY,NC,ME
Aroclor-1221 [2C]	CT,NH,NY,NC,ME
Aroclor-1232	CT,NH,NY,NC,ME
Aroclor-1232 [2C]	CT,NH,NY,NC,ME
Aroclor-1242	CT,NH,NY,NC,ME
Aroclor-1242 [2C]	CT,NH,NY,NC,ME
Aroclor-1248	CT,NH,NY,NC,ME
Aroclor-1248 [2C]	CT,NH,NY,NC,ME
Aroclor-1254	CT,NH,NY,NC,ME
Aroclor-1254 [2C]	CT,NH,NY,NC,ME
Aroclor-1260	CT,NH,NY,NC,ME
Aroclor-1260 [2C]	CT,NH,NY,NC,ME
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC
Acenaphthylene	CT,NY,NH,ME,NC
Acetophenone	NY,NH,ME,NC
Aniline	NY,NH,ME,NC
Anthracene	CT,NY,NH,ME,NC
Benzidine	CT,NY,NH,ME,NC
Benzo(a)anthracene	CT,NY,NH,ME,NC
Benzo(a)pyrene	CT,NY,NH,ME,NC
Benzo(b)fluoranthene	CT,NY,NH,ME,NC
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC
Benzo(k)fluoranthene	CT,NY,NH,ME,NC
Benzoic Acid	NY,NH,ME,NC
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC
Bis(2-chloroisopropyl)ether	CT,NY,NH,ME,NC
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC
4-Bromophenylphenylether	CT,NY,NH,ME,NC
Butylbenzylphthalate	CT,NY,NH,ME,NC
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC
2-Chloronaphthalene	CT,NY,NH,NC
2-Chlorophenol	CT,NY,NH,ME,NC
4-Chlorophenylphenylether	CT,NY,NH,ME,NC
Chrysene	CT,NY,NH,ME,NC
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC
Dibenzofuran	CT,NY,NH,ME,NC
Di-n-butylphthalate	CT,NY,NH,ME,NC
1,2-Dichlorobenzene	NY,NH,ME,NC
1,3-Dichlorobenzene	NY,NH,ME,NC
1,4-Dichlorobenzene	NY,NH,ME,NC
3,3-Dichlorobenzidine	CT,NY,NH,ME,NC
2,4-Dichlorophenol	CT,NY,NH,ME,NC
Diethylphthalate	CT,NY,NH,ME,NC

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4-Dimethylphenol	CT,NY,NH,ME,NC
Dimethylphthalate	CT,NY,NH,ME,NC
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC
2,4-Dinitrophenol	CT,NY,NH,ME,NC
2,4-Dinitrotoluene	CT,NY,NH,ME,NC
2,6-Dinitrotoluene	CT,NY,NH,ME,NC
Di-n-octylphthalate	CT,NY,NH,ME,NC
1,2-Diphenylhydrazine (as Azobenzene)	NY,NH,ME,NC
Fluoranthene	CT,NY,NH,ME,NC
Fluorene	NY,NH,ME,NC
Hexachlorobenzene	CT,NY,NH,ME,NC
Hexachlorobutadiene	CT,NY,NH,ME,NC
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC
Hexachloroethane	CT,NY,NH,ME,NC
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC
Isophorone	CT,NY,NH,ME,NC
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC
2-Methylphenol	CT,NY,NH,ME,NC
3/4-Methylphenol	CT,NY,NH,ME,NC
Naphthalene	CT,NY,NH,ME,NC
2-Nitroaniline	CT,NY,NH,ME,NC
3-Nitroaniline	CT,NY,NH,ME,NC
4-Nitroaniline	CT,NY,NH,ME,NC
Nitrobenzene	CT,NY,NH,ME,NC
2-Nitrophenol	CT,NY,NH,ME,NC
4-Nitrophenol	CT,NY,NH,ME,NC
N-Nitrosodimethylamine	CT,NY,NH,ME,NC
N-Nitrosodiphenylamine	CT,NY,NH,ME,NC
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC
Pentachloronitrobenzene	NC
Pentachlorophenol	CT,NY,NH,ME,NC
Phenanthrene	CT,NY,NH,ME,NC
Phenol	CT,NY,NH,ME,NC
Pyrene	CT,NY,NH,ME,NC
Pyridine	CT,NY,NH,ME,NC
1,2,4,5-Tetrachlorobenzene	NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC
2-Fluorophenol	NC
SW846 9014 in Soil	
Cyanide	NY,CT,NC,ME,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
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East longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

12A0882

Page 1 of 1

Company Name: Ecology + Environment
Address: 368 Pleasant View Dr Lancaster NY 14086
Attention:
Project Location: Farmingdale NY
Sampled By: M. Chaffee II, L. Reedi

Project Proposal Provided? (for billing purposes)
○ yes _____ proposal date

Telephone: 716 684-8060
Project # A0-002649-0025
Client PO#

DATA DELIVERY (check all that apply)
○ FAX ○ EMAIL ○ WEBSITE
Fax #
Email:
Format: ○ PDF ○ EXCEL ○ GIS
◉ OTHER QW Content
○ "Enhanced Data Package"

Con-Test Lab ID (laboratory use only)	Client Sample ID / Description	Collection Beginning Date/Time	Collection Ending Date/Time	Composite	Grab	*Matrix Code	Conc Code	# of Containers	** Preservation	*** Container Code	ANALYSIS REQUESTED: Sieve, Tile, Bulk Density, TAL Metals	ANALYSIS REQUESTED: VOCs	ANALYSIS REQUESTED: Soil Suitability	ANALYSIS REQUESTED: Total Cyanide (6)
								6	6	18				
								I	I	Tm				
								6	6	V				
-01	FPC-SB01	1/27/12 10:00	1/27/12 10:00		X	S		1	1	3				X
-02	FPC-SB02	1/27/12 11:00	1/27/12 11:00		X	S		1	1	3				X
-03	FPC-SB02D	1/27/12 11:00	1/27/12 11:00		X	S		1	1	3				X
-04	FPC-SB03	1/27/12 13:00	1/27/12 13:00		X	S		1	1	3				X
-05	FPC-SB03 MS/MSD	1/27/12 13:00	1/27/12 13:00		X	S		2	2	6				X

Comments:
Total Cyanide added 01-23-12 10:07 IN
per Rick Watt HF 1/30/12

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V= vial
S=summa can
T=tedlar bag
O=Other

**Preservation
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
X = Na hydroxide
T = Na thiosulfate
O = Other_____

*Matrix Code:
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other_____

Dissolved Metals
○ Field Filtered
○ Lab to Filter

Relinquished by: (signature)	Date/Time:
	1/27/12 14:00
Received by: (signature)	Date/Time:
	1/28/12 0957
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround ††
☐ 7-Day
☐ 10-Day
☒ Other Rel
RUSH † contact
☐ †24-Hr ☐ †48-Hr
☐ †72-Hr ☐ †4-Day
† Require lab approval

Detection Limit Requirements
Massachusetts:
Connecticut:
Other:

Is your project MCP or RCP ?
○ MCP Analytical Certification Form Required
○ RCP Analysis Certification Form Required
○ MA State DW Form Required PWSID # _____

NELAC & AIHA Certified
WBE/DBE Certified

†† TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Detailed Results

Printer-Friendly Get Link Help

Enter tracking number Track

Detailed Results | Notifications

Tracking no.: 864119639548 Select time format: 12H | 24H E-mail notifications

Delivered

Initiated → Picked up → In transit → Delivered

Delivered
Signed for by: C.CHRIS

Shipment Dates	Destination
Ship date Jan 27, 2012	Signature Proof of Delivery
Delivery date Jan 28, 2012 9:52 AM	

Shipment Options

Help

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Help

Service type	Priority Overnight	Delivered to	Receptionist/Front Desk
Weight	29.0 lbs/13.2 kg	Reference	EN

Shipment Travel History

Help

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Jan 28, 2012 9:52 AM	**Delivered**		
Jan 28, 2012 8:02 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Jan 28, 2012 7:56 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Jan 28, 2012 6:08 AM	At destination sort facility	EAST GRANBY, CT	
Jan 28, 2012 3:17 AM	Departed FedEx location	MEMPHIS, TN	
Jan 28, 2012 12:43 AM	Arrived at FedEx location	MEMPHIS, TN	
Jan 27, 2012 8:15 PM	Left FedEx origin facility	MELVILLE, NY	
Jan 27, 2012 1:57 PM	Picked up	MELVILLE, NY	





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East Longmeadow, MA. 01028
P: 413-525-2332
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Sample Receipt Checklist

CLIENT NAME: Ecology SEnV RECEIVED BY: CFC DATE: 1/28/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank 3.0c Temperature °C by Temp gun _____

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes (No)

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)	12	2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	18 (18) 18	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol 6

Bisulfate _____ # DI Water 12

Thiosulfate _____ Unpreserved _____

Time and Date Frozen: 01-28-12 10:07 IN

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

Doc# 277

Rev. 1 Ma

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.0092	0.067	V-16
107-13-1	Acrylonitrile		0.0034	0.0040	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00047	0.00067	
71-43-2	Benzene		0.00020	0.0013	
108-86-1	Bromobenzene		0.00020	0.0013	
74-97-5	Bromochloromethane		0.00033	0.0013	
75-27-4	Bromodichloromethane		0.00027	0.0013	V-05
75-25-2	Bromoform		0.00027	0.0013	
74-83-9	Bromomethane		0.00060	0.0067	
78-93-3	2-Butanone (MEK)		0.0047	0.027	
75-65-0	tert-Butyl Alcohol (TBA)		0.0049	0.027	V-16
104-51-8	n-Butylbenzene		0.00020	0.0013	
135-98-8	sec-Butylbenzene		0.00020	0.0013	
98-06-6	tert-Butylbenzene		0.00020	0.0013	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00027	0.00067	
75-15-0	Carbon Disulfide		0.00027	0.0040	
56-23-5	Carbon Tetrachloride		0.00033	0.0013	V-05
108-90-7	Chlorobenzene		0.00020	0.0013	
124-48-1	Chlorodibromomethane		0.00027	0.00067	V-05
75-00-3	Chloroethane		0.00033	0.013	R-05
67-66-3	Chloroform		0.00020	0.0027	
74-87-3	Chloromethane		0.00020	0.0067	
95-49-8	2-Chlorotoluene		0.00020	0.0013	
106-43-4	4-Chlorotoluene		0.00020	0.0013	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.00093	0.0013	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00027	0.00067	
74-95-3	Dibromomethane		0.00027	0.0013	
95-50-1	1,2-Dichlorobenzene		0.00020	0.0013	
541-73-1	1,3-Dichlorobenzene		0.00020	0.0013	
106-46-7	1,4-Dichlorobenzene		0.00013	0.0013	
110-57-6	trans-1,4-Dichloro-2-butene		0.00060	0.0027	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00027	0.013	V-05
75-34-3	1,1-Dichloroethane		0.00073	0.0013	
107-06-2	1,2-Dichloroethane		0.00027	0.0013	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00033	0.0027	
156-59-2	cis-1,2-Dichloroethylene		0.00020	0.0013	
156-60-5	trans-1,2-Dichloroethylene		0.00027	0.0013	
78-87-5	1,2-Dichloropropane		0.00073	0.0013	
142-28-9	1,3-Dichloropropane		0.00020	0.00067	
594-20-7	2,2-Dichloropropane		0.00053	0.0013	V-05
563-58-6	1,1-Dichloropropene		0.0013	0.0013	
10061-01-5	cis-1,3-Dichloropropene		0.00027	0.00067	
10061-02-6	trans-1,3-Dichloropropene		0.00027	0.00067	
60-29-7	Diethyl Ether		0.00027	0.013	
108-20-3	Diisopropyl Ether (DIPE)		0.00027	0.00067	
123-91-1	1,4-Dioxane		0.010	0.067	V-16
100-41-4	Ethylbenzene		0.00020	0.0013	
87-68-3	Hexachlorobutadiene		0.00027	0.0013	
591-78-6	2-Hexanone (MBK)		0.0041	0.013	
98-82-8	Isopropylbenzene (Cumene)		0.00027	0.0013	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00020	0.0013	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00027	0.0027	
75-09-2	Methylene Chloride		0.00040	0.013	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0039	0.013	
91-20-3	Naphthalene		0.00020	0.0027	
103-65-1	n-Propylbenzene		0.00020	0.0013	
100-42-5	Styrene		0.00020	0.0013	
630-20-6	1,1,1,2-Tetrachloroethane		0.00020	0.0013	
79-34-5	1,1,2,2-Tetrachloroethane		0.00027	0.00067	
127-18-4	Tetrachloroethylene		0.00033	0.0013	
109-99-9	Tetrahydrofuran		0.0010	0.0067	V-16
108-88-3	Toluene		0.00027	0.0013	
87-61-6	1,2,3-Trichlorobenzene		0.00020	0.0013	
120-82-1	1,2,4-Trichlorobenzene		0.00027	0.0013	
108-70-3	1,3,5-Trichlorobenzene		0.00020	0.0013	
71-55-6	1,1,1-Trichloroethane		0.00033	0.0013	V-05
79-00-5	1,1,2-Trichloroethane		0.00020	0.0013	
79-01-6	Trichloroethylene		0.00027	0.0013	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00033	0.0067	V-05
96-18-4	1,2,3-Trichloropropane		0.00053	0.0013	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00040	0.0067	
95-63-6	1,2,4-Trimethylbenzene		0.00020	0.0013	
108-67-8	1,3,5-Trimethylbenzene		0.00027	0.0013	
75-01-4	Vinyl Chloride		0.00033	0.0067	
108383/106423	m+p Xylene		0.00047	0.0027	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	VD030018.D
Sampled:	01/27/12 10:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:22
Solids:	94.60	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	7.93 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00027	0.0013	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030018.D
Acq On : 30 Jan 2012 12:22 pm
Operator : MFF
Sample : 12A0882-01 Inst : GCMSVOA4
Misc :
ALS Vial : 18 Sample Multiplier: 1

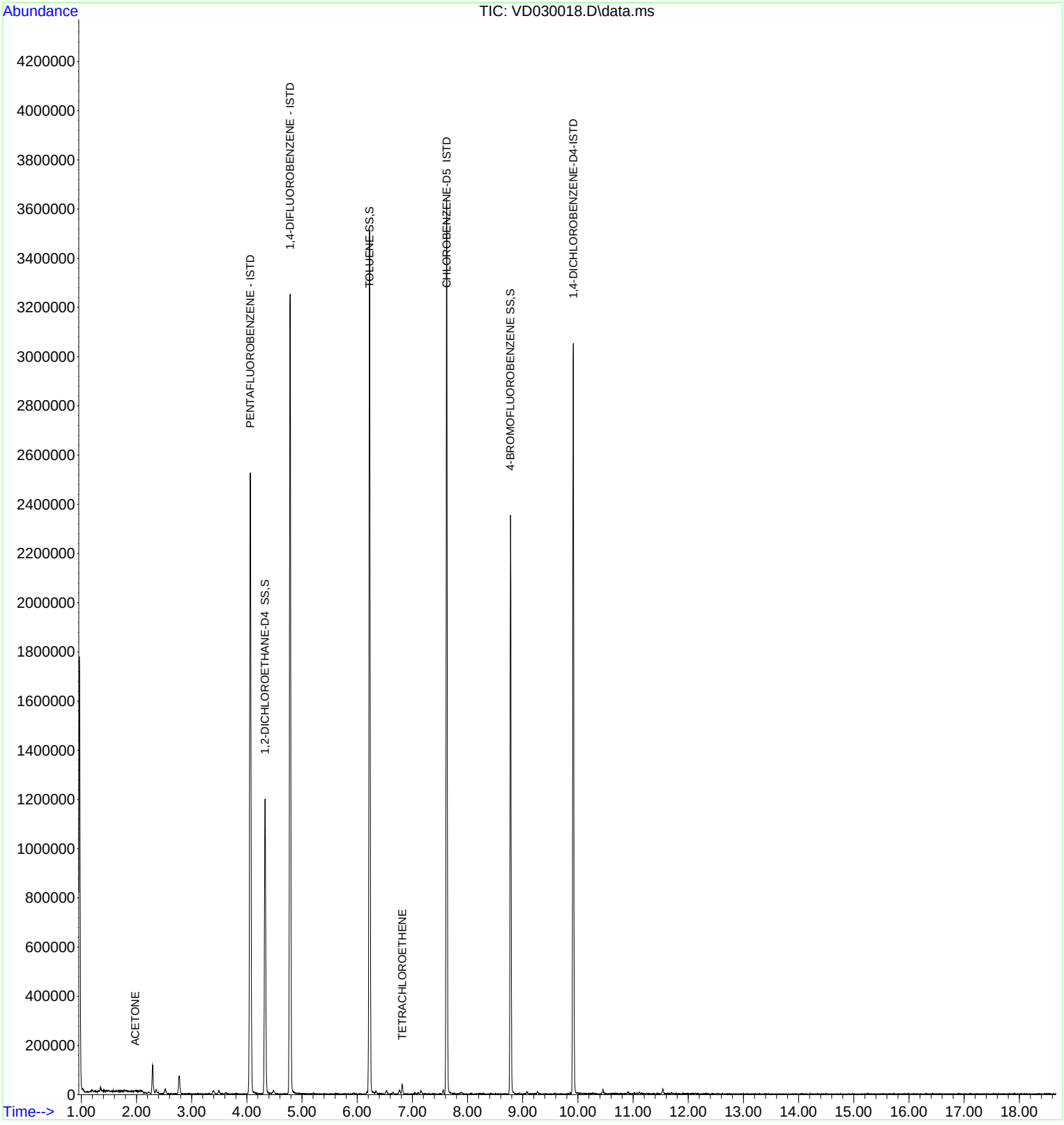
Quant Time: Jan 30 12:44:14 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

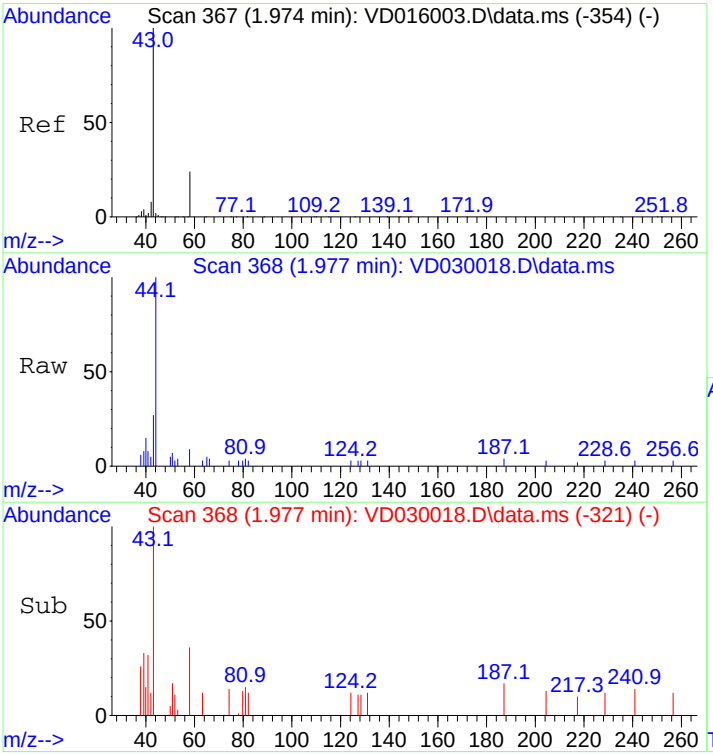
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1440124	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2122416	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	904967	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	637972	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	758581	21.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.20%				
36) TOLUENE SS	6.224	98	1905801	23.01	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.04%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	636895	21.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.32%				
Target Compounds							Qvalue
10) ACETONE	1.977	43	2141	0.90	UG/L	#	52
16) METHYLENE CHLORIDE	2.292	49	47730	Below Cal			84
30) CYCLOHEXANE	4.060	56	29314	Below Cal		#	52
50) TETRACHLOROETHENE	6.818	166	9568	0.81	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030018.D
Acq On : 30 Jan 2012 12:22 pm
Operator : MFF
Sample : 12A0882-01 Inst : GCMSVOA4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 30 12:44:14 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

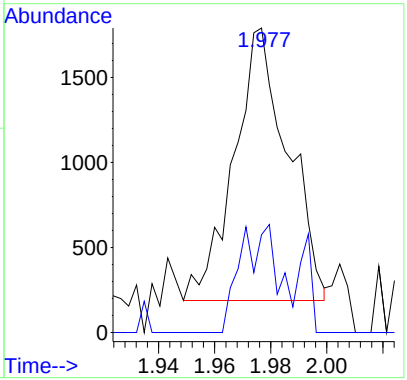


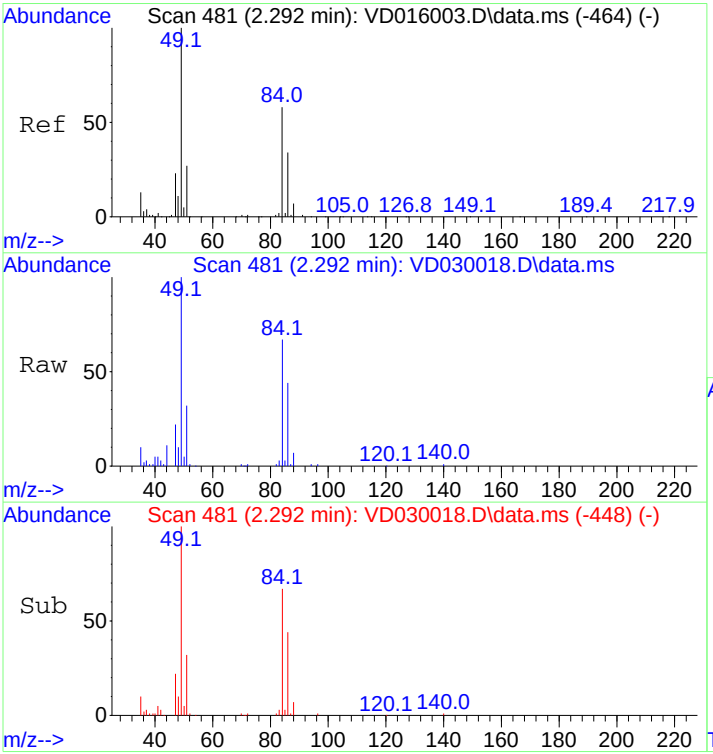


#10
ACETONE
Concen: 0.90 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 43 Resp: 2141

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

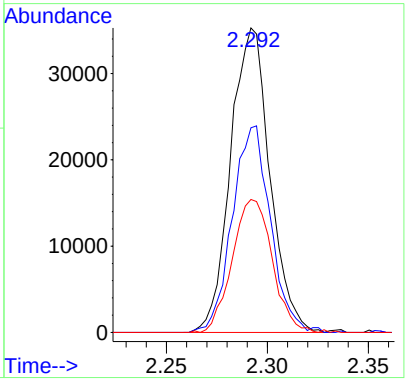


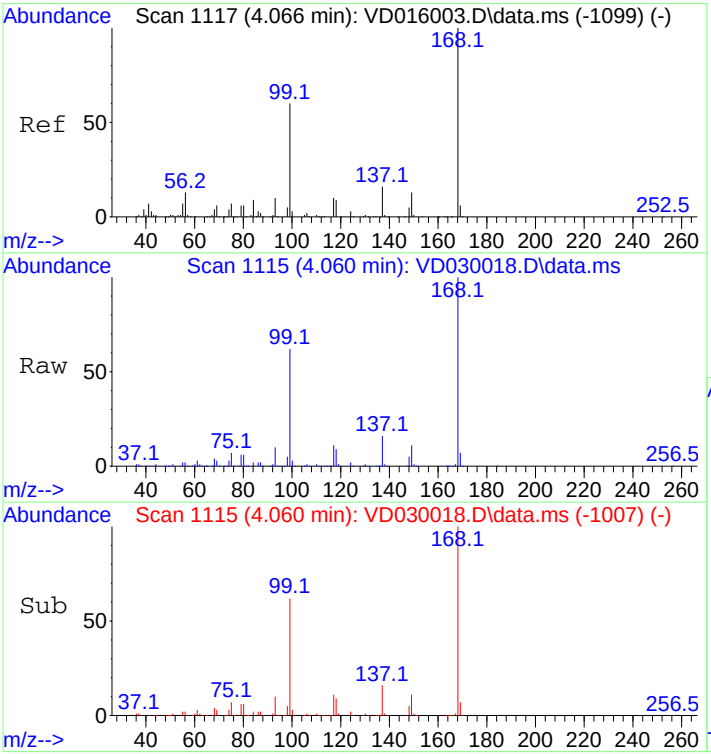


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.292 min Scan# 481
Delta R.T. 0.001 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 49 Resp: 47730

Ion	Ratio	Lower	Upper
49	100		
84	66.0	0.0	163.8
86	44.4	0.0	105.9

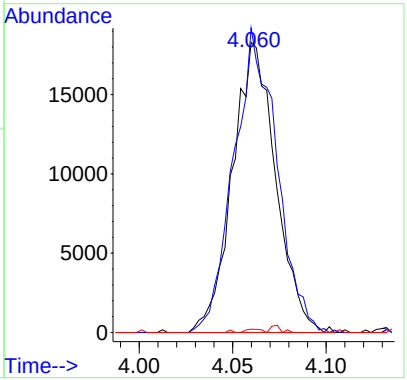


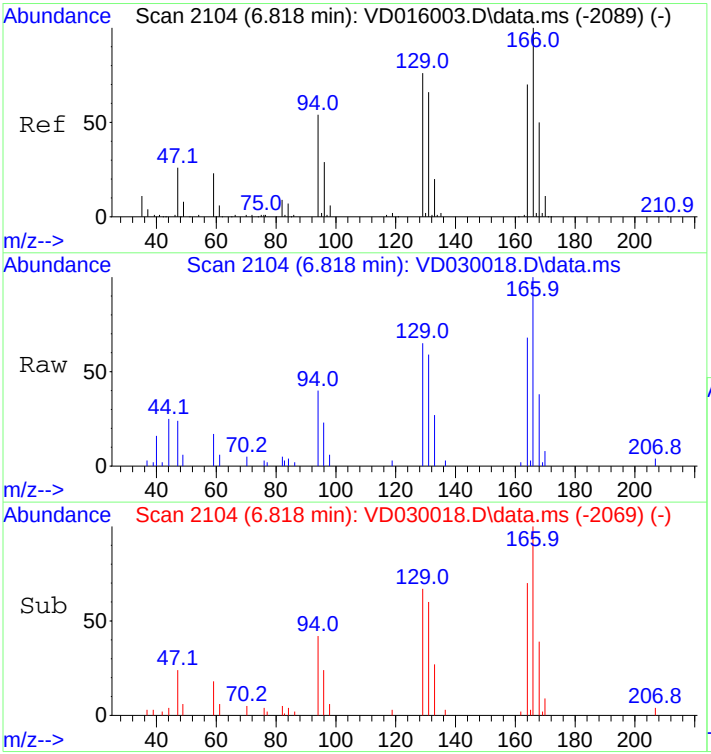


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.060 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion: 56 Resp: 29314

Ion	Ratio	Lower	Upper
56	100		
84	104.9	64.5	96.7#
41	0.0	44.6	67.0#

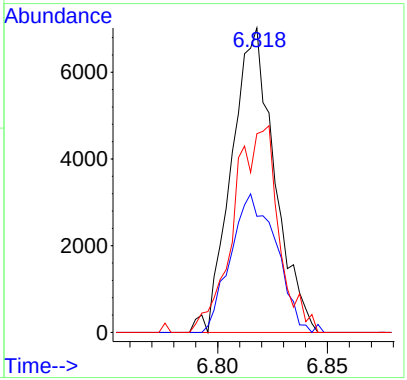




#50
TETRACHLOROETHENE
Concen: 0.81 UG/L
RT: 6.818 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VD030018.D
Acq: 30 Jan 2012 12:22 pm

Tgt Ion:166 Resp: 9568

Ion	Ratio	Lower	Upper
166	100		
168	48.3	0.0	142.5
129	70.9	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.085	V-16
107-13-1	Acrylonitrile		0.0044	0.0051	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00060	0.00085	
71-43-2	Benzene		0.00026	0.0017	
108-86-1	Bromobenzene		0.00026	0.0017	
74-97-5	Bromochloromethane		0.00043	0.0017	
75-27-4	Bromodichloromethane		0.00034	0.0017	V-05
75-25-2	Bromoform		0.00034	0.0017	
74-83-9	Bromomethane		0.00077	0.0085	
78-93-3	2-Butanone (MEK)		0.0061	0.034	
75-65-0	tert-Butyl Alcohol (TBA)		0.0062	0.034	V-16
104-51-8	n-Butylbenzene		0.00026	0.0017	
135-98-8	sec-Butylbenzene		0.00026	0.0017	
98-06-6	tert-Butylbenzene		0.00026	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00034	0.00085	
75-15-0	Carbon Disulfide		0.00034	0.0051	
56-23-5	Carbon Tetrachloride		0.00043	0.0017	V-05
108-90-7	Chlorobenzene		0.00026	0.0017	
124-48-1	Chlorodibromomethane		0.00034	0.00085	V-05
75-00-3	Chloroethane		0.00043	0.017	R-05
67-66-3	Chloroform		0.00026	0.0034	
74-87-3	Chloromethane		0.00026	0.0085	
95-49-8	2-Chlorotoluene		0.00026	0.0017	
106-43-4	4-Chlorotoluene		0.00026	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00034	0.00085	
74-95-3	Dibromomethane		0.00034	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00026	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00026	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00077	0.0034	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00034	0.017	V-05
75-34-3	1,1-Dichloroethane		0.00094	0.0017	
107-06-2	1,2-Dichloroethane		0.00034	0.0017	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00043	0.0034	
156-59-2	cis-1,2-Dichloroethylene		0.00026	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00034	0.0017	
78-87-5	1,2-Dichloropropane		0.00094	0.0017	
142-28-9	1,3-Dichloropropane		0.00026	0.00085	
594-20-7	2,2-Dichloropropane		0.00068	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00034	0.00085	
10061-02-6	trans-1,3-Dichloropropene		0.00034	0.00085	
60-29-7	Diethyl Ether		0.00034	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00034	0.00085	
123-91-1	1,4-Dioxane		0.013	0.085	V-16
100-41-4	Ethylbenzene		0.00026	0.0017	
87-68-3	Hexachlorobutadiene		0.00034	0.0017	
591-78-6	2-Hexanone (MBK)		0.0052	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00034	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00026	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00034	0.0034	
75-09-2	Methylene Chloride		0.00051	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0050	0.017	
91-20-3	Naphthalene		0.00026	0.0034	
103-65-1	n-Propylbenzene		0.00026	0.0017	
100-42-5	Styrene		0.00026	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00026	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00034	0.00085	
127-18-4	Tetrachloroethylene	0.0086	0.00043	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0085	V-16
108-88-3	Toluene		0.00034	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00026	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00034	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00026	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00043	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00026	0.0017	
79-01-6	Trichloroethylene		0.00034	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00043	0.0085	V-05
96-18-4	1,2,3-Trichloropropane		0.00068	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00051	0.0085	
95-63-6	1,2,4-Trimethylbenzene		0.00026	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00034	0.0017	
75-01-4	Vinyl Chloride		0.00043	0.0085	
108383/106423	m+p Xylene		0.00060	0.0034	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	VD030020.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:13
Solids:	92.90	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.31 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00034	0.0017	

Quantitation Report (QT Reviewed)

101

Data Path : Y:\1\DATA\013012\
Data File : VD030020.D
Acq On : 30 Jan 2012 1:13 pm
Operator : MFF
Sample : 12A0882-02 Inst : GCMSVOA4
Misc :
ALS Vial : 20 Sample Multiplier: 1

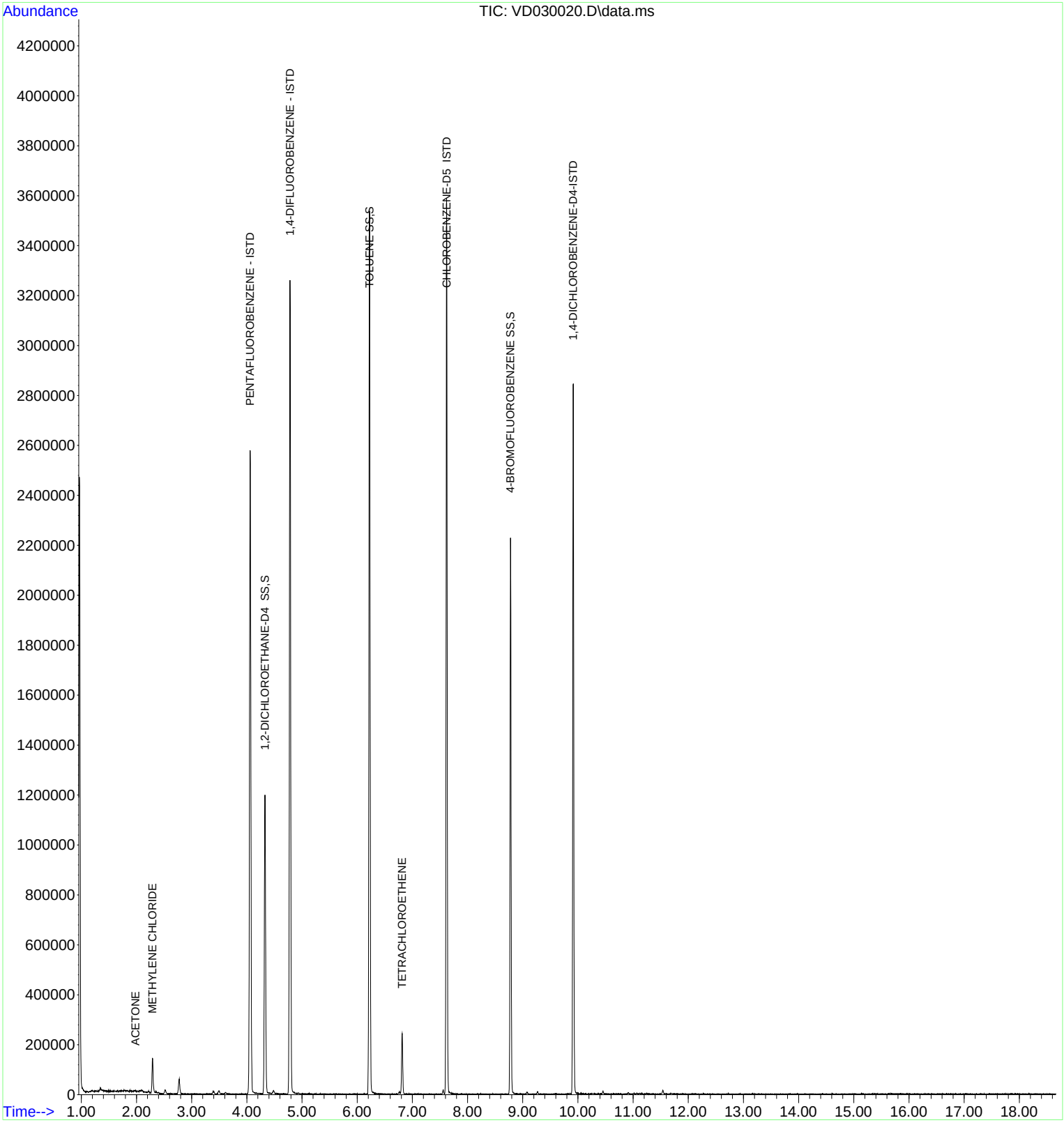
Quant Time: Jan 30 13:59:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

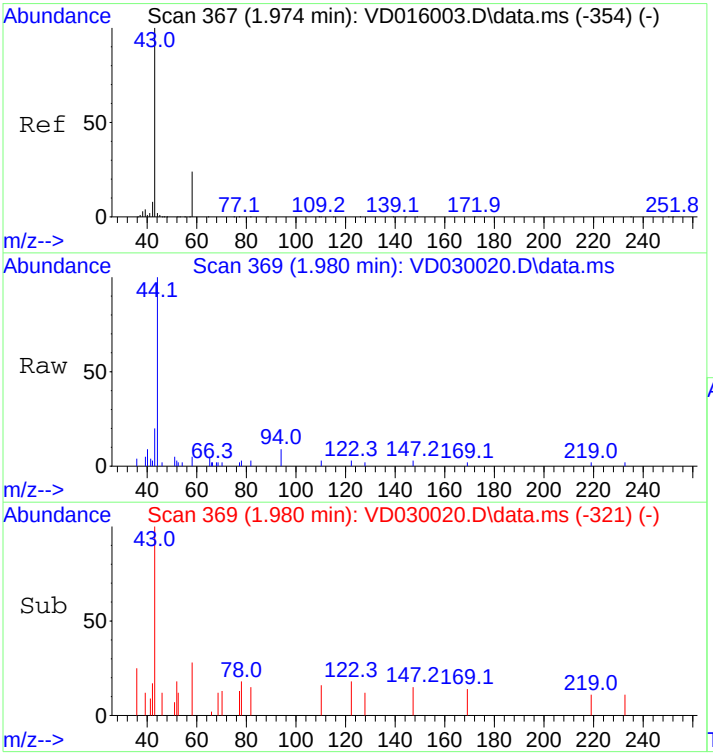
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1449858	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2099007	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	901078	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.913	152	603450	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	746383	21.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.24%				
36) TOLUENE SS	6.221	98	1916413	23.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	602576	20.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.12%				
Target Compounds							Qvalue
10) ACETONE	1.980	43	2774	1.16	UG/L	#	52
16) METHYLENE CHLORIDE	2.289	49	58866	0.54	UG/L		76
30) CYCLOHEXANE	4.057	56	29153	Below Cal		#	50
50) TETRACHLOROETHENE	6.815	166	59202	5.04	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030020.D
Acq On : 30 Jan 2012 1:13 pm
Operator : MFF
Sample : 12A0882-02 Inst : GCMSVOA4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 30 13:59:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

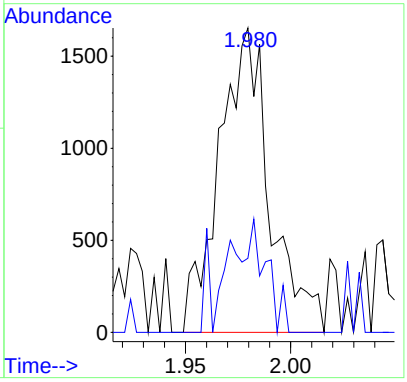


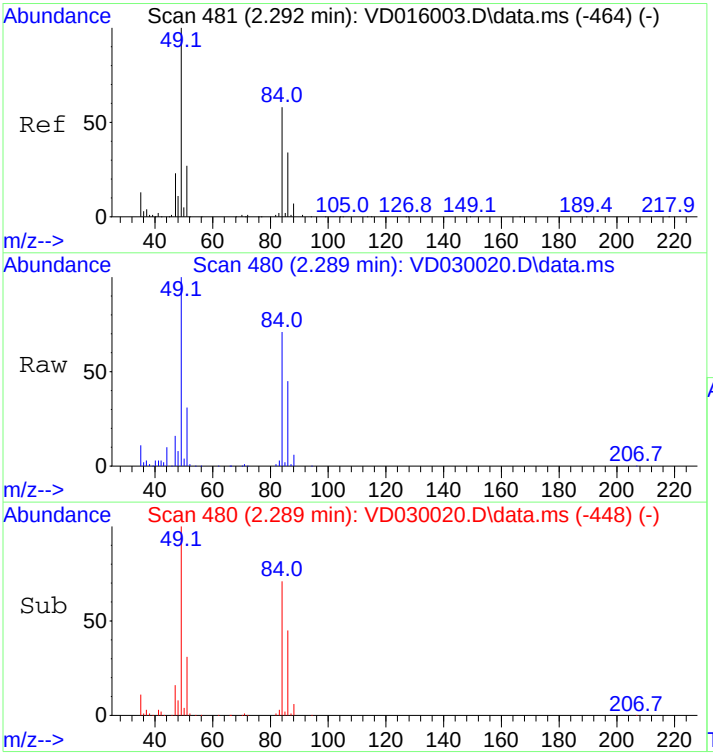


#10
ACETONE
Concen: 1.16 UG/L
RT: 1.980 min Scan# 369
Delta R.T. 0.004 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 43 Resp: 2774

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

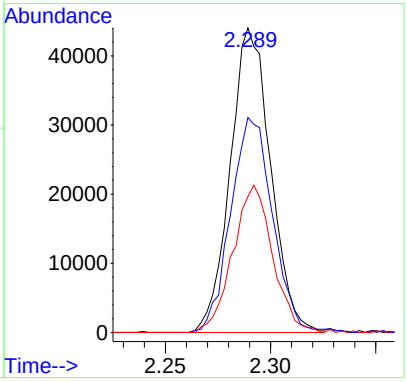


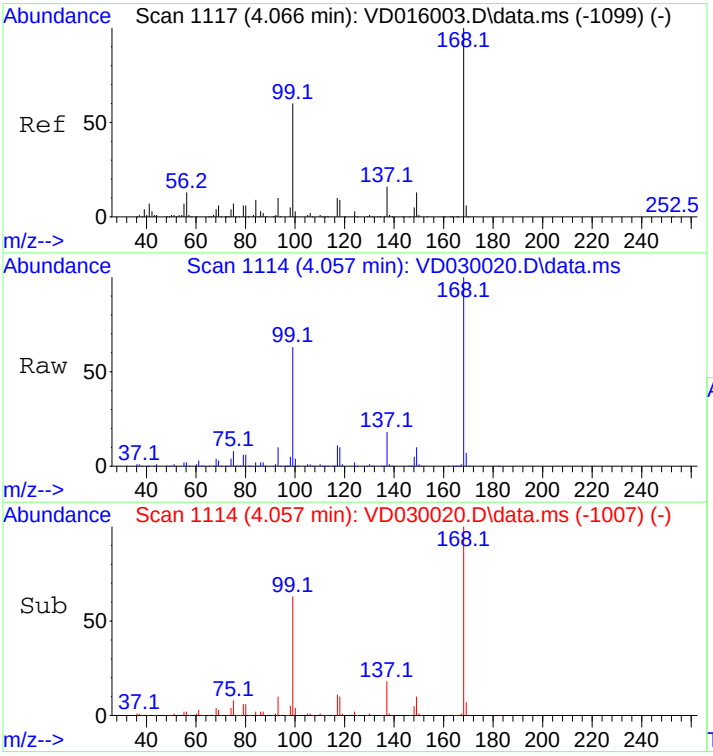


#16
METHYLENE CHLORIDE
Concen: 0.54 UG/L
RT: 2.289 min Scan# 480
Delta R.T. -0.002 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 49 Resp: 58866

Ion	Ratio	Lower	Upper
49	100		
84	73.2	0.0	163.8
86	47.5	0.0	105.9

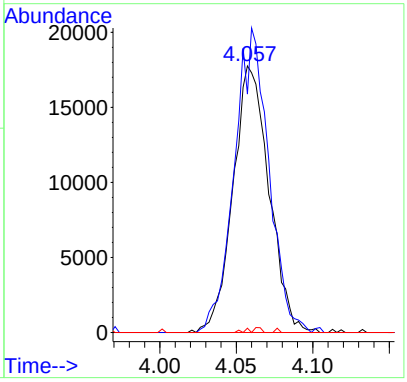


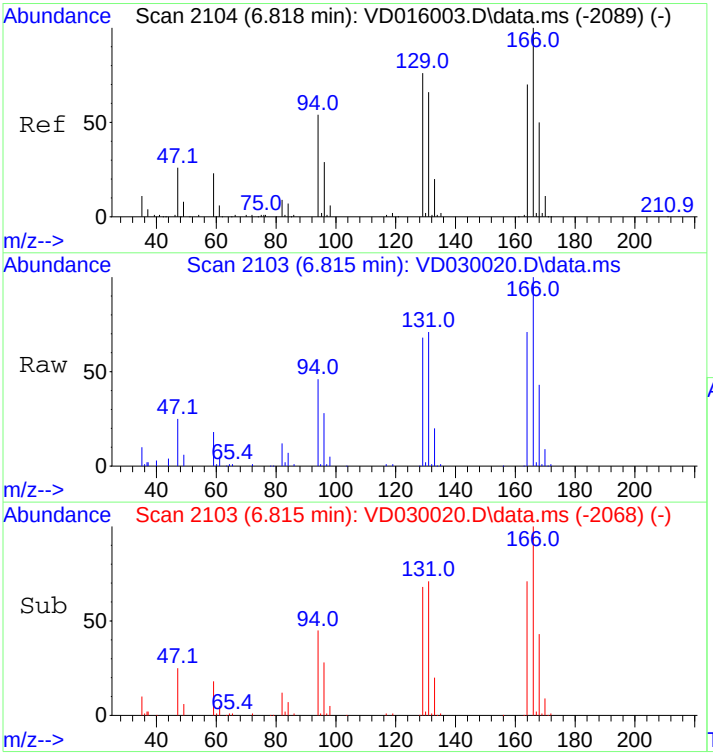


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.057 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion: 56 Resp: 29153

Ion	Ratio	Lower	Upper
56	100		
84	109.0	64.5	96.7#
41	0.0	44.6	67.0#

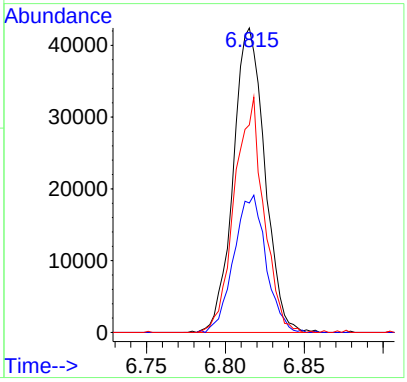




#50
TETRACHLOROETHENE
Concen: 5.04 UG/L
RT: 6.815 min Scan# 2103
Delta R.T. -0.003 min
Lab File: VD030020.D
Acq: 30 Jan 2012 1:13 pm

Tgt Ion:166 Resp: 59202

Ion	Ratio	Lower	Upper
166	100		
168	45.9	0.0	142.5
129	71.7	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.084	V-16
107-13-1	Acrylonitrile		0.0043	0.0050	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00059	0.00084	
71-43-2	Benzene		0.00025	0.0017	
108-86-1	Bromobenzene		0.00025	0.0017	
74-97-5	Bromochloromethane		0.00042	0.0017	
75-27-4	Bromodichloromethane		0.00033	0.0017	V-05
75-25-2	Bromoform		0.00033	0.0017	
74-83-9	Bromomethane		0.00075	0.0084	
78-93-3	2-Butanone (MEK)		0.0059	0.033	
75-65-0	tert-Butyl Alcohol (TBA)		0.0061	0.033	V-16
104-51-8	n-Butylbenzene		0.00025	0.0017	
135-98-8	sec-Butylbenzene		0.00025	0.0017	
98-06-6	tert-Butylbenzene		0.00025	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00033	0.00084	
75-15-0	Carbon Disulfide		0.00033	0.0050	
56-23-5	Carbon Tetrachloride		0.00042	0.0017	V-05
108-90-7	Chlorobenzene		0.00025	0.0017	
124-48-1	Chlorodibromomethane		0.00033	0.00084	V-05
75-00-3	Chloroethane		0.00042	0.017	R-05
67-66-3	Chloroform		0.00025	0.0033	
74-87-3	Chloromethane		0.00025	0.0084	
95-49-8	2-Chlorotoluene		0.00025	0.0017	
106-43-4	4-Chlorotoluene		0.00025	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00033	0.00084	
74-95-3	Dibromomethane		0.00033	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00025	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00025	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00075	0.0033	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00033	0.017	V-05
75-34-3	1,1-Dichloroethane		0.00092	0.0017	
107-06-2	1,2-Dichloroethane		0.00033	0.0017	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00042	0.0033	
156-59-2	cis-1,2-Dichloroethylene		0.00025	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00033	0.0017	
78-87-5	1,2-Dichloropropane		0.00092	0.0017	
142-28-9	1,3-Dichloropropane		0.00025	0.00084	
594-20-7	2,2-Dichloropropane		0.00067	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00033	0.00084	
10061-02-6	trans-1,3-Dichloropropene		0.00033	0.00084	
60-29-7	Diethyl Ether		0.00033	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00033	0.00084	
123-91-1	1,4-Dioxane		0.013	0.084	V-16
100-41-4	Ethylbenzene		0.00025	0.0017	
87-68-3	Hexachlorobutadiene		0.00033	0.0017	
591-78-6	2-Hexanone (MBK)		0.0051	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00033	0.0017	

con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00025	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00033	0.0033	
75-09-2	Methylene Chloride		0.00050	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0049	0.017	
91-20-3	Naphthalene		0.00025	0.0033	
103-65-1	n-Propylbenzene		0.00025	0.0017	
100-42-5	Styrene		0.00025	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00025	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00033	0.00084	
127-18-4	Tetrachloroethylene	0.010	0.00042	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0084	V-16
108-88-3	Toluene		0.00033	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00025	0.0017	
120-82-1	1,2,4-Trichlorobenzene		0.00033	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00025	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00042	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00025	0.0017	
79-01-6	Trichloroethylene		0.00033	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00042	0.0084	V-05
96-18-4	1,2,3-Trichloropropane		0.00067	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00050	0.0084	
95-63-6	1,2,4-Trimethylbenzene		0.00025	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00033	0.0017	
75-01-4	Vinyl Chloride		0.00042	0.0084	
108383/106423	m+p Xylene		0.00059	0.0033	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	VD030021.D
Sampled:	01/27/12 11:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 13:38
Solids:	92.80	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.44 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00033	0.0017	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030021.D
Acq On : 30 Jan 2012 1:38 pm
Operator : MFF
Sample : 12A0882-03 Inst : GCMSVOA4
Misc :
ALS Vial : 21 Sample Multiplier: 1

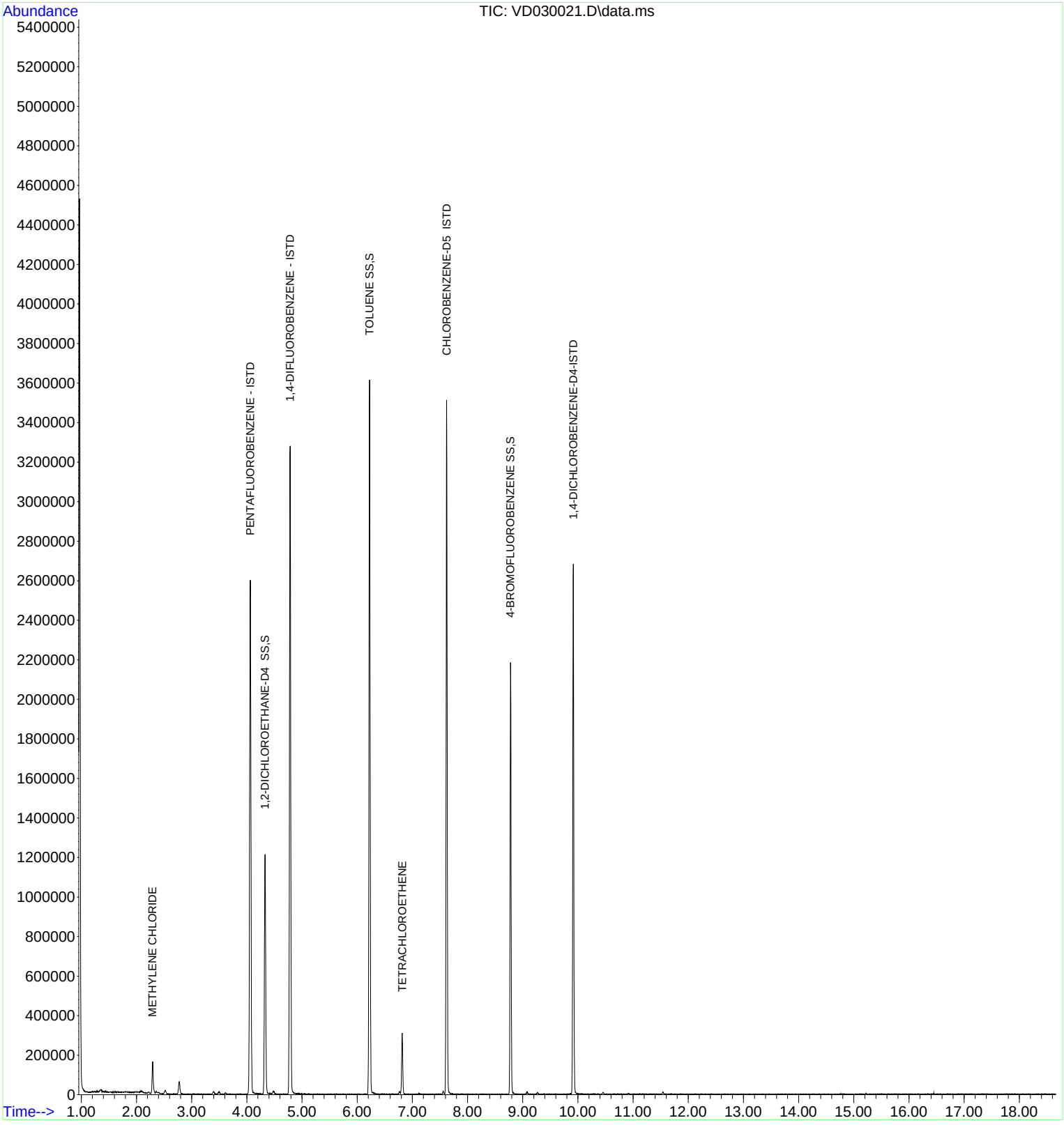
Quant Time: Jan 30 14:01:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

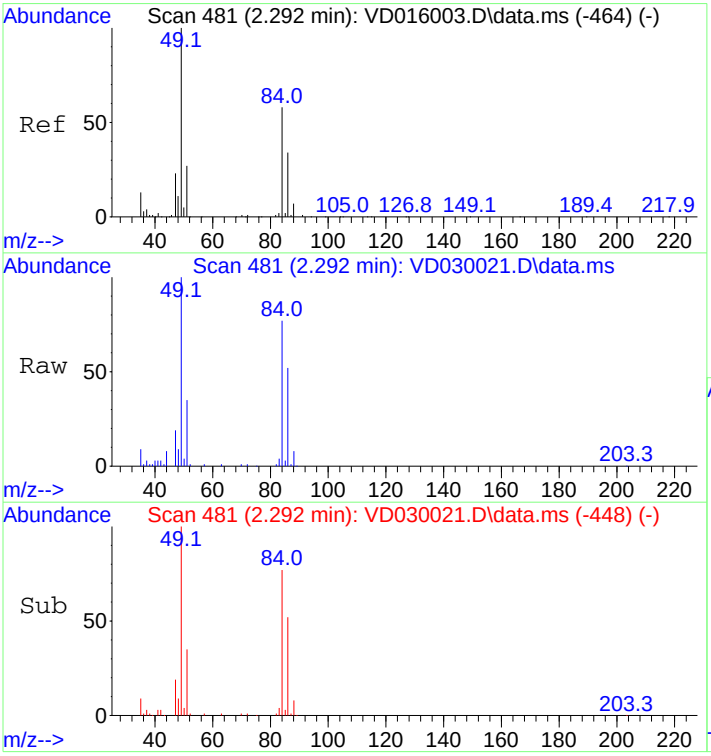
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1447950	30.00	UG/L	0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2095484	30.00	UG/L	0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	871167	30.00	UG/L	# 0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	560452	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	752364	21.51	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.04%			
36) TOLUENE SS	6.224	98	1913433	23.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%			
55) 4-BROMOFLUOROBENZENE SS	8.778	95	589890	20.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.12%			
Target Compounds						Qvalue
16) METHYLENE CHLORIDE	2.292	49	66810	1.10	UG/L	73
30) CYCLOHEXANE	4.063	56	29972	Below Cal	#	52
50) TETRACHLOROETHENE	6.818	166	70700	6.03	UG/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030021.D
Acq On : 30 Jan 2012 1:38 pm
Operator : MFF
Sample : 12A0882-03 Inst : GCMSVOA4
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 30 14:01:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

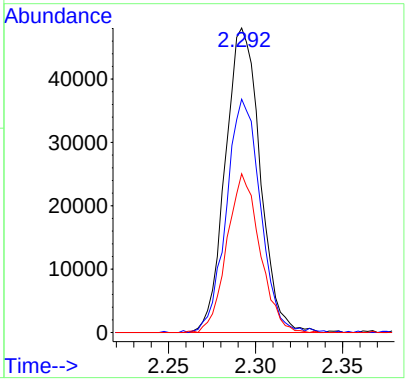


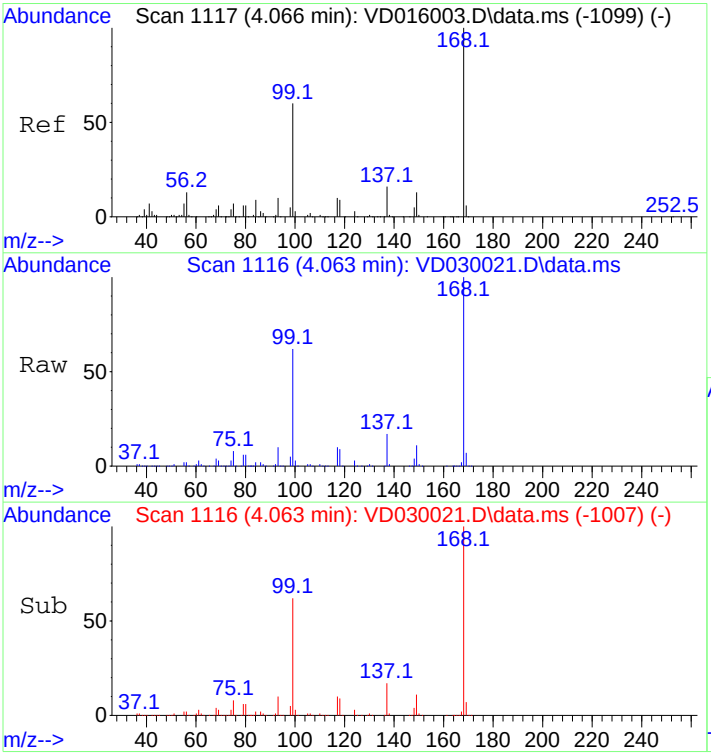


#16
METHYLENE CHLORIDE
Concen: 1.10 UG/L
RT: 2.292 min Scan# 481
Delta R.T. 0.001 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion: 49 Resp: 66810

Ion	Ratio	Lower	Upper
49	100		
84	75.3	0.0	163.8
86	49.4	0.0	105.9

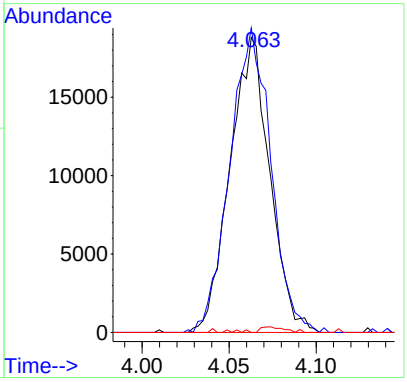


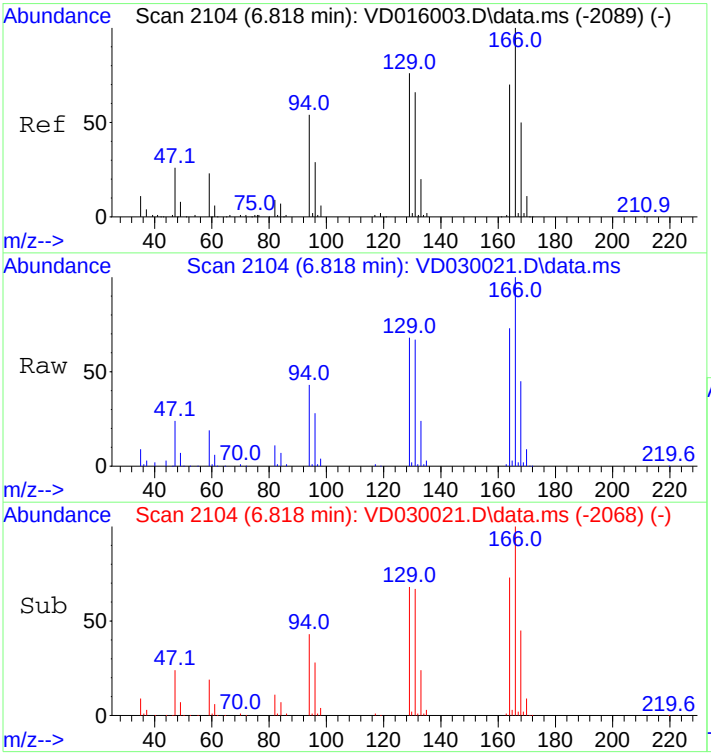


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.063 min Scan# 1116
Delta R.T. 0.003 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion: 56 Resp: 29972

Ion	Ratio	Lower	Upper
56	100		
84	105.9	64.5	96.7#
41	0.0	44.6	67.0#

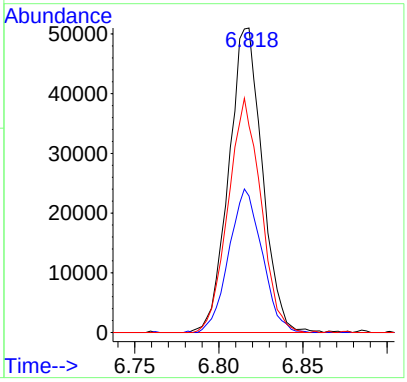




#50
TETRACHLOROETHENE
Concen: 6.03 UG/L
RT: 6.818 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VD030021.D
Acq: 30 Jan 2012 1:38 pm

Tgt Ion:166 Resp: 70700

Ion	Ratio	Lower	Upper
166	100		
168	46.8	0.0	142.5
129	74.8	0.0	213.3



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015	Instrument:	GCMSVOA4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.012	0.084	V-16
107-13-1	Acrylonitrile		0.0043	0.0051	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00059	0.00084	
71-43-2	Benzene		0.00025	0.0017	
108-86-1	Bromobenzene		0.00025	0.0017	
74-97-5	Bromochloromethane		0.00042	0.0017	
75-27-4	Bromodichloromethane		0.00034	0.0017	V-05
75-25-2	Bromoform		0.00034	0.0017	
74-83-9	Bromomethane		0.00076	0.0084	
78-93-3	2-Butanone (MEK)		0.0060	0.034	
75-65-0	tert-Butyl Alcohol (TBA)		0.0062	0.034	MS-07A, V-16
104-51-8	n-Butylbenzene		0.00025	0.0017	
135-98-8	sec-Butylbenzene		0.00025	0.0017	
98-06-6	tert-Butylbenzene		0.00025	0.0017	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00034	0.00084	
75-15-0	Carbon Disulfide		0.00034	0.0051	
56-23-5	Carbon Tetrachloride		0.00042	0.0017	V-05
108-90-7	Chlorobenzene		0.00025	0.0017	
124-48-1	Chlorodibromomethane		0.00034	0.00084	MS-07A, V-05
75-00-3	Chloroethane		0.00042	0.017	R-05
67-66-3	Chloroform		0.00025	0.0034	
74-87-3	Chloromethane		0.00025	0.0084	
95-49-8	2-Chlorotoluene		0.00025	0.0017	
106-43-4	4-Chlorotoluene		0.00025	0.0017	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0017	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00034	0.00084	
74-95-3	Dibromomethane		0.00034	0.0017	
95-50-1	1,2-Dichlorobenzene		0.00025	0.0017	
541-73-1	1,3-Dichlorobenzene		0.00025	0.0017	
106-46-7	1,4-Dichlorobenzene		0.00017	0.0017	
110-57-6	trans-1,4-Dichloro-2-butene		0.00076	0.0034	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00034	0.017	MS-07A, V-05
75-34-3	1,1-Dichloroethane		0.00093	0.0017	
107-06-2	1,2-Dichloroethane		0.00034	0.0017	.-04, MS-09, V-0
75-35-4	1,1-Dichloroethylene		0.00042	0.0034	
156-59-2	cis-1,2-Dichloroethylene		0.00025	0.0017	
156-60-5	trans-1,2-Dichloroethylene		0.00034	0.0017	
78-87-5	1,2-Dichloropropane		0.00093	0.0017	
142-28-9	1,3-Dichloropropane		0.00025	0.00084	
594-20-7	2,2-Dichloropropane		0.00067	0.0017	V-05
563-58-6	1,1-Dichloropropene		0.0016	0.0017	
10061-01-5	cis-1,3-Dichloropropene		0.00034	0.00084	
10061-02-6	trans-1,3-Dichloropropene		0.00034	0.00084	
60-29-7	Diethyl Ether		0.00034	0.017	
108-20-3	Diisopropyl Ether (DIPE)		0.00034	0.00084	
123-91-1	1,4-Dioxane		0.013	0.084	V-16
100-41-4	Ethylbenzene		0.00025	0.0017	
87-68-3	Hexachlorobutadiene		0.00034	0.0017	
591-78-6	2-Hexanone (MBK)		0.0051	0.017	
98-82-8	Isopropylbenzene (Cumene)		0.00034	0.0017	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00025	0.0017	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00034	0.0034	
75-09-2	Methylene Chloride		0.00051	0.017	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0050	0.017	
91-20-3	Naphthalene		0.00025	0.0034	MS-07A
103-65-1	n-Propylbenzene		0.00025	0.0017	
100-42-5	Styrene		0.00025	0.0017	
630-20-6	1,1,1,2-Tetrachloroethane		0.00025	0.0017	
79-34-5	1,1,2,2-Tetrachloroethane		0.00034	0.00084	
127-18-4	Tetrachloroethylene	0.019	0.00042	0.0017	
109-99-9	Tetrahydrofuran		0.0013	0.0084	V-16
108-88-3	Toluene		0.00034	0.0017	
87-61-6	1,2,3-Trichlorobenzene		0.00025	0.0017	MS-07A
120-82-1	1,2,4-Trichlorobenzene		0.00034	0.0017	
108-70-3	1,3,5-Trichlorobenzene		0.00025	0.0017	
71-55-6	1,1,1-Trichloroethane		0.00042	0.0017	V-05
79-00-5	1,1,2-Trichloroethane		0.00025	0.0017	
79-01-6	Trichloroethylene		0.00034	0.0017	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00042	0.0084	MS-09, V-05
96-18-4	1,2,3-Trichloropropane		0.00067	0.0017	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00051	0.0084	
95-63-6	1,2,4-Trimethylbenzene		0.00025	0.0017	
108-67-8	1,3,5-Trimethylbenzene		0.00034	0.0017	
75-01-4	Vinyl Chloride		0.00042	0.0084	
108383/106423	m+p Xylene		0.00059	0.0034	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	VD030019.D
Sampled:	01/27/12 12:00	Prepared:	01/30/12 05:31	Analyzed:	01/30/12 12:47
Solids:	91.50	Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	6.48 g / 10 mL				
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00034	0.0017	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030019.D
Acq On : 30 Jan 2012 12:47 pm
Operator : MFF
Sample : 12A0882-04 Inst : GCMSVOA4
Misc :
ALS Vial : 19 Sample Multiplier: 1

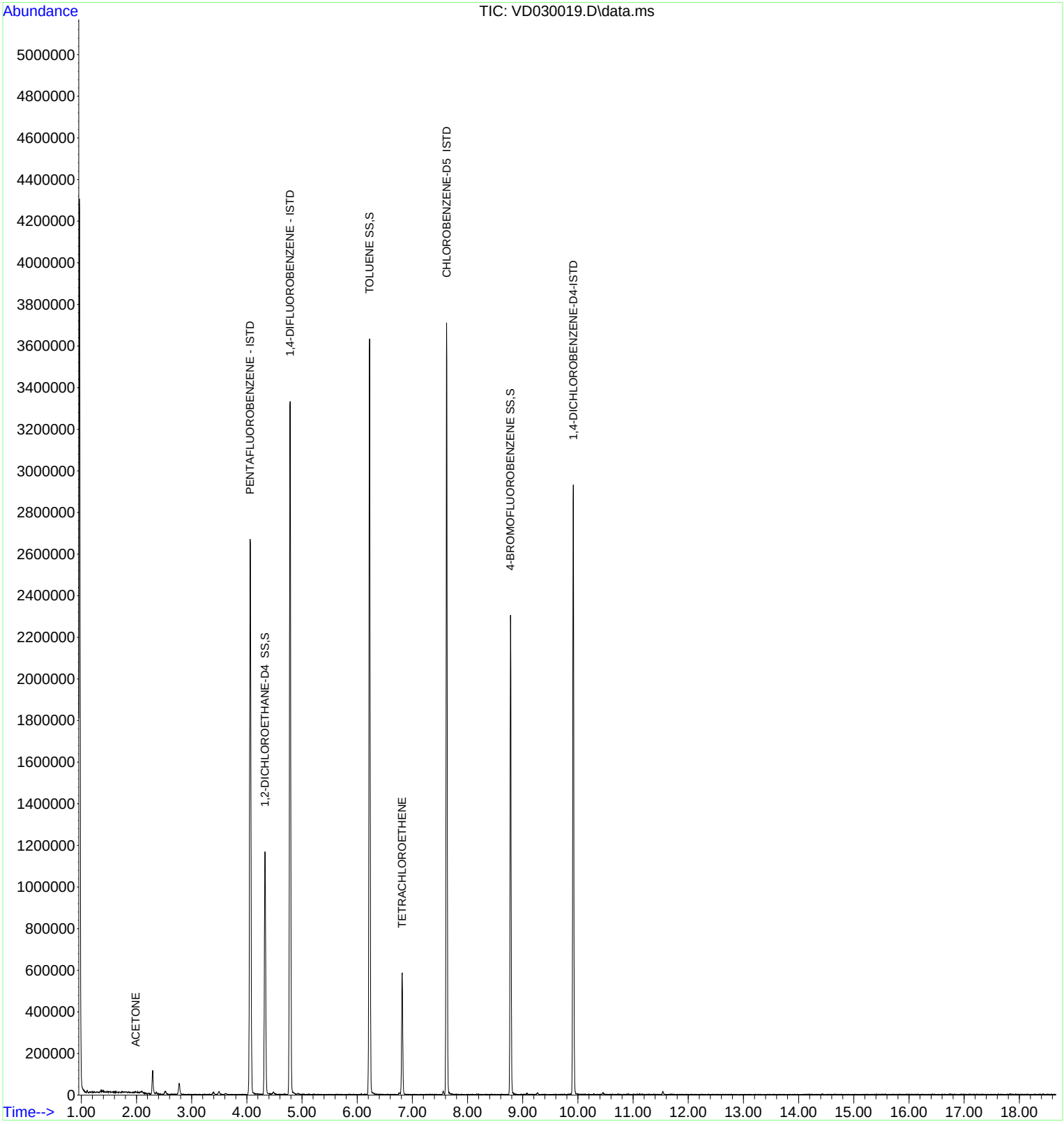
Quant Time: Jan 30 13:14:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

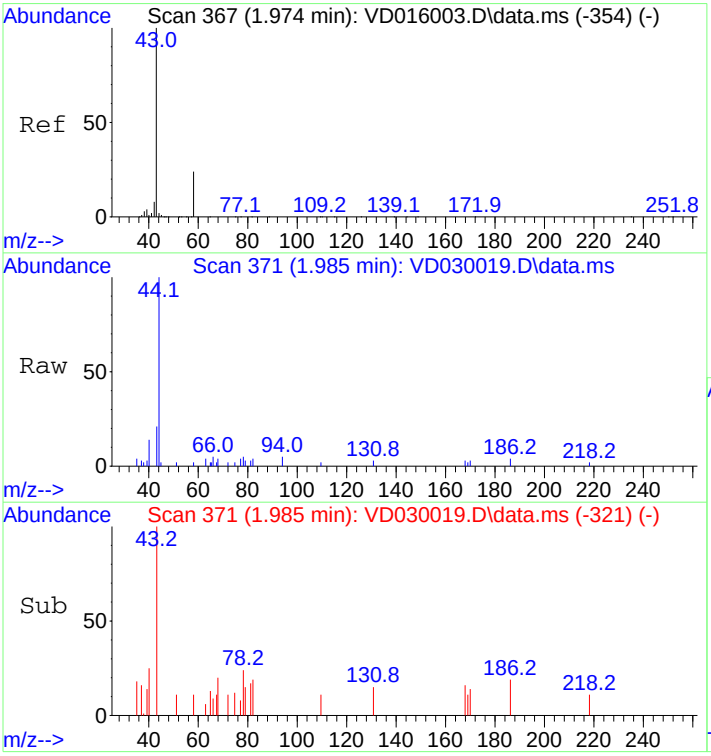
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1500207	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2147082	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	934408	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	633592	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	747141	20.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.44%				
36) TOLUENE SS	6.224	98	1960452	23.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.56%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	624584	20.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.08%				
Target Compounds							Qvalue
10) ACETONE	1.985	43	2021	0.82	UG/L	#	52
16) METHYLENE CHLORIDE	2.295	49	48720	Below Cal			83
30) CYCLOHEXANE	4.063	56	31645	Below Cal		#	53
50) TETRACHLOROETHENE	6.815	166	137456	11.44	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030019.D
Acq On : 30 Jan 2012 12:47 pm
Operator : MFF
Sample : 12A0882-04 Inst : GCMSVOA4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 13:14:24 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

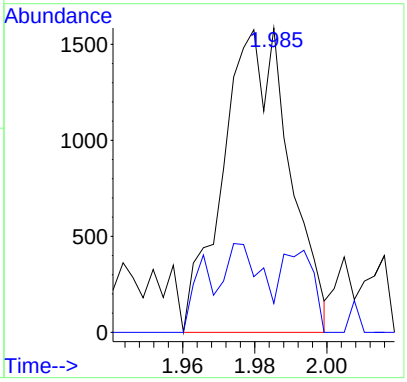


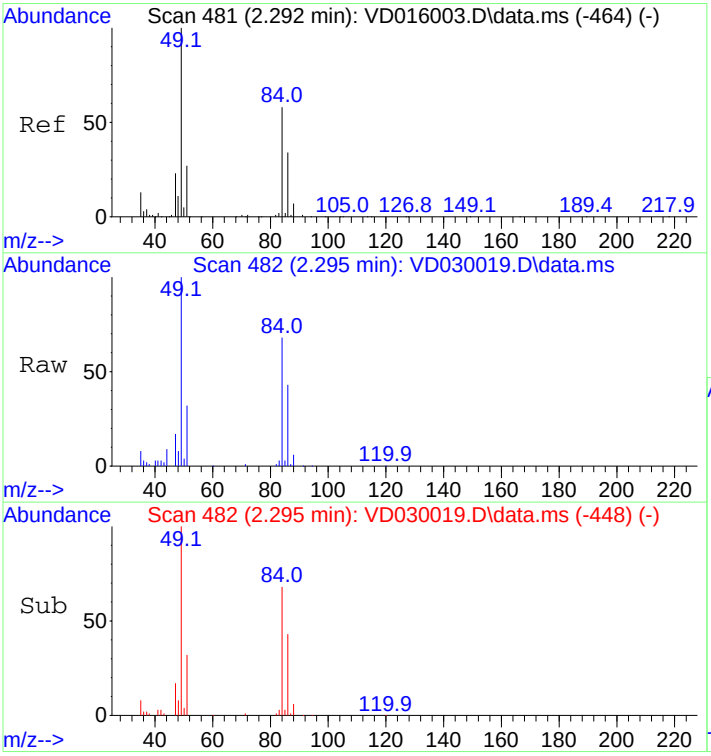


#10
ACETONE
Concen: 0.82 UG/L
RT: 1.985 min Scan# 371
Delta R.T. 0.009 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 43 Resp: 2021

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	46.6

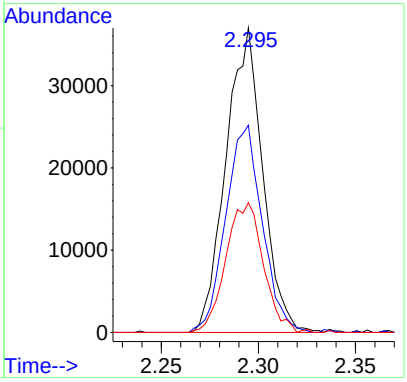


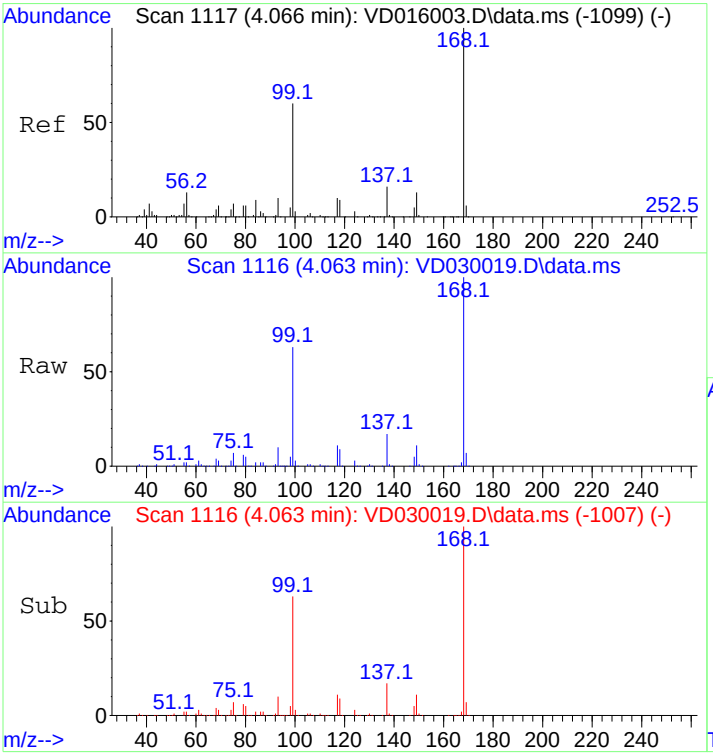


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.295 min Scan# 482
Delta R.T. 0.004 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 49 Resp: 48720

Ion	Ratio	Lower	Upper
49	100		
84	67.7	0.0	163.8
86	43.5	0.0	105.9

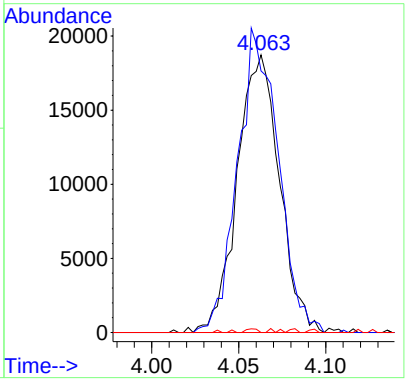


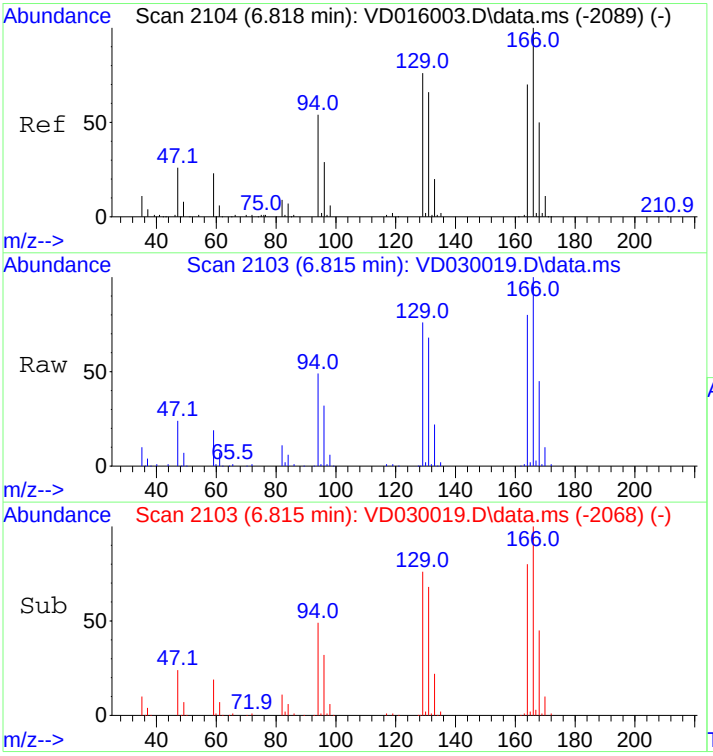


#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.063 min Scan# 1116
Delta R.T. 0.003 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion: 56 Resp: 31645

Ion	Ratio	Lower	Upper
56	100		
84	104.7	64.5	96.7#
41	0.0	44.6	67.0#

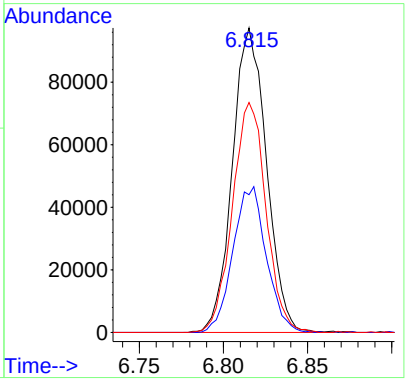




#50
TETRACHLOROETHENE
Concen: 11.44 UG/L
RT: 6.815 min Scan# 2103
Delta R.T. -0.003 min
Lab File: VD030019.D
Acq: 30 Jan 2012 12:47 pm

Tgt Ion:166 Resp: 137456

Ion	Ratio	Lower	Upper
166	100		
168	46.8	0.0	142.5
129	74.4	0.0	213.3



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	GCMSVOA4

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12A0882-01	87.2	84.3	92.0
12A0882-02	85.2	80.1	93.6
12A0882-03	86.0	81.1	93.6
12A0882-04	82.4	80.1	93.6
B045245-BLK1	81.4	92.8	95.8
B045245-BS1	79.8	95.2	96.7
B045245-BSD1	80.0	94.9	96.9
B045245-MS1	74.2	87.5	96.3
B045245-MSD1	81.6	84.8	95.0

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Acetone	0.140	ND	0.119	85.2		70 - 130
Acrylonitrile	0.0140	ND	0.0124	88.4		70 - 130
tert-Amyl Methyl Ether (TAME)	0.0140	ND	0.0129	92.5		70 - 130
Benzene	0.0140	ND	0.0173	124		70 - 130
Bromobenzene	0.0140	ND	0.0127	91.0		70 - 130
Bromochloromethane	0.0140	ND	0.0145	104		70 - 130
Bromodichloromethane	0.0140	ND	0.00912	65.2	*	70 - 130
Bromoform	0.0140	ND	0.00996	71.2		70 - 130
Bromomethane	0.0140	ND	0.00788	56.3	*	70 - 130
2-Butanone (MEK)	0.140	ND	0.123	88.0		70 - 130
tert-Butyl Alcohol (TBA)	0.140	ND	0.0827	59.1	*	70 - 130
n-Butylbenzene	0.0140	ND	0.0163	116		70 - 130
sec-Butylbenzene	0.0140	ND	0.0185	132	*	70 - 130
tert-Butylbenzene	0.0140	ND	0.0178	127		70 - 130
tert-Butyl Ethyl Ether (TBEE)	0.0140	ND	0.00999	71.4		70 - 130
Carbon Disulfide	0.0140	ND	0.0105	74.7		70 - 130
Carbon Tetrachloride	0.0140	ND	0.00931	66.5	*	70 - 130
Chlorobenzene	0.0140	ND	0.0160	114		70 - 130
Chlorodibromomethane	0.0140	ND	0.00855	61.1	*	70 - 130
Chloroethane	0.0140	ND	0.00964	68.9	*	70 - 130
Chloroform	0.0140	ND	0.0116	83.1		70 - 130
Chloromethane	0.0140	ND	0.0121	86.8		70 - 130
2-Chlorotoluene	0.0140	ND	0.0134	95.9		70 - 130
4-Chlorotoluene	0.0140	ND	0.0128	91.4		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0140	ND	0.0103	73.8		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	0.0140	ND	0.0116	83.1		70 - 130
Dibromomethane	0.0140	ND	0.0117	83.9		70 - 130
1,2-Dichlorobenzene	0.0140	ND	0.0152	109		70 - 130
1,3-Dichlorobenzene	0.0140	ND	0.0156	112		70 - 130
1,4-Dichlorobenzene	0.0140	ND	0.0144	103		70 - 130
trans-1,4-Dichloro-2-butene	0.0140	ND	0.00953	68.1	*	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0140	ND	0.00834	59.6	*	70 - 130
1,1-Dichloroethane	0.0140	ND	0.0137	98.1		70 - 130
1,2-Dichloroethane	0.0140	ND	0.00800	57.2	*	70 - 130
1,1-Dichloroethylene	0.0140	ND	0.00914	65.3	*	70 - 130
cis-1,2-Dichloroethylene	0.0140	ND	0.0116	83.0		70 - 130
trans-1,2-Dichloroethylene	0.0140	ND	0.0131	93.9		70 - 130
1,2-Dichloropropane	0.0140	ND	0.0137	97.7		70 - 130
1,3-Dichloropropane	0.0140	ND	0.0125	89.0		70 - 130
2,2-Dichloropropane	0.0140	ND	0.00950	67.9	*	70 - 130
1,1-Dichloropropene	0.0140	ND	0.0127	91.0		70 - 130
cis-1,3-Dichloropropene	0.0140	ND	0.0116	82.9		70 - 130
trans-1,3-Dichloropropene	0.0140	ND	0.0104	74.0		70 - 130
Diethyl Ether	0.0140	ND	0.0114	81.4		70 - 130
Diisopropyl Ether (DIPE)	0.0140	ND	0.0117	83.8		70 - 130
1,4-Dioxane	0.140	ND	0.134	95.7		70 - 130
Ethylbenzene	0.0140	ND	0.0153	109		70 - 130
Hexachlorobutadiene	0.0140	ND	0.0110	78.3		70 - 130
2-Hexanone (MBK)	0.140	ND	0.0979	70.0		70 - 130
Isopropylbenzene (Cumene)	0.0140	ND	0.0185	132	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	0.0140	ND	0.0161	115		70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0140	ND	0.0110	78.9		70 - 130
Methylene Chloride	0.0140	ND	0.0113	80.8		70 - 130
4-Methyl-2-pentanone (MIBK)	0.140	ND	0.0942	67.3	*	70 - 130
Naphthalene	0.0140	ND	0.00805	57.5	*	70 - 130
n-Propylbenzene	0.0140	ND	0.0151	108		70 - 130
Styrene	0.0140	ND	0.0158	113		70 - 130
1,1,1,2-Tetrachloroethane	0.0140	ND	0.0124	88.8		70 - 130
1,1,2,2-Tetrachloroethane	0.0140	ND	0.0163	117		70 - 130
Tetrachloroethylene	0.0140	0.0193	0.0242	34.8	*	70 - 130
Tetrahydrofuran	0.0140	ND	0.0126	89.7		70 - 130
Toluene	0.0140	ND	0.0126	90.1		70 - 130
1,2,3-Trichlorobenzene	0.0140	ND	0.00877	62.7	*	70 - 130
1,2,4-Trichlorobenzene	0.0140	ND	0.00918	65.6	*	70 - 130
1,3,5-Trichlorobenzene	0.0140	ND	0.0120	85.6		70 - 130
1,1,1-Trichloroethane	0.0140	ND	0.00945	67.5	*	70 - 130
1,1,2-Trichloroethane	0.0140	ND	0.0136	97.3		70 - 130
Trichloroethylene	0.0140	ND	0.0119	84.9		70 - 130
Trichlorofluoromethane (Freon 11)	0.0140	ND	0.00828	59.2	*	70 - 130
1,2,3-Trichloropropane	0.0140	ND	0.0124	88.8		70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0140	ND	0.00964	68.9	*	70 - 130
1,2,4-Trimethylbenzene	0.0140	ND	0.0167	119		70 - 130
1,3,5-Trimethylbenzene	0.0140	ND	0.0130	93.0		70 - 130
Vinyl Chloride	0.0140	ND	0.0109	77.7		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MS1
Initial/Final:	7.81 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
m+p Xylene	0.0280	ND	0.0289	103	70 - 130
o-Xylene	0.0140	ND	0.0141	101	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.132	0.122	92.3		2.08	30	70 - 130
Acrylonitrile	0.0132	0.0113	85.7		9.06	30	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0132	0.0114	86.2		13.0	30	70 - 130
Benzene	0.0132	0.0141	107		20.8	30	70 - 130
Bromobenzene	0.0132	0.0116	87.8		9.54	30	70 - 130
Bromochloromethane	0.0132	0.0128	97.1		12.4	30	70 - 130
Bromodichloromethane	0.0132	0.00935	70.9		2.42	30	70 - 130
Bromoform	0.0132	0.00980	74.3		1.70	30	70 - 130
Bromomethane	0.0132	0.00928	70.4		16.3	30	70 - 130
2-Butanone (MEK)	0.132	0.109	82.5		12.3	30	70 - 130
tert-Butyl Alcohol (TBA)	0.132	0.0783	59.4	*	5.39	30	70 - 130
n-Butylbenzene	0.0132	0.0151	115		7.09	30	70 - 130
sec-Butylbenzene	0.0132	0.0178	135	*	3.42	30	70 - 130
tert-Butylbenzene	0.0132	0.0177	134	*	0.227	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	0.0132	0.00951	72.1		4.99	30	70 - 130
Carbon Disulfide	0.0132	0.0130	98.8		21.9	30	70 - 130
Carbon Tetrachloride	0.0132	0.00947	71.8		1.70	30	70 - 130
Chlorobenzene	0.0132	0.0137	104		15.6	30	70 - 130
Chlorodibromomethane	0.0132	0.00879	66.7	*	2.80	30	70 - 130
Chloroethane	0.0132	0.0108	82.3		11.8	30	70 - 130
Chloroform	0.0132	0.0109	82.9		6.20	30	70 - 130
Chloromethane	0.0132	0.0150	114		21.2	30	70 - 130
2-Chlorotoluene	0.0132	0.0124	94.1		7.86	30	70 - 130
4-Chlorotoluene	0.0132	0.0116	88.0		9.75	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0132	0.0101	76.8		1.98	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	0.0132	0.0110	83.5		5.48	30	70 - 130
Dibromomethane	0.0132	0.0115	86.9		2.45	30	70 - 130
1,2-Dichlorobenzene	0.0132	0.0138	104		9.99	30	70 - 130
1,3-Dichlorobenzene	0.0132	0.0147	112		5.87	30	70 - 130
1,4-Dichlorobenzene	0.0132	0.0132	99.8		8.92	30	70 - 130
trans-1,4-Dichloro-2-butene	0.0132	0.00941	71.4		1.23	30	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0132	0.00906	68.7	*	8.24	30	70 - 130
1,1-Dichloroethane	0.0132	0.0121	91.6		12.8	30	70 - 130
1,2-Dichloroethane	0.0132	0.00842	63.9	*	5.11	30	70 - 130
1,1-Dichloroethylene	0.0132	0.00981	74.4		7.08	30	70 - 130
cis-1,2-Dichloroethylene	0.0132	0.0107	81.3		8.03	30	70 - 130
trans-1,2-Dichloroethylene	0.0132	0.0119	90.2		9.98	30	70 - 130
1,2-Dichloropropane	0.0132	0.0127	96.4		7.30	30	70 - 130
1,3-Dichloropropane	0.0132	0.0116	88.0		7.09	30	70 - 130
2,2-Dichloropropane	0.0132	0.00943	71.5		0.798	30	70 - 130
1,1-Dichloropropene	0.0132	0.0117	88.5		8.74	30	70 - 130
cis-1,3-Dichloropropene	0.0132	0.0109	82.7		6.20	30	70 - 130
trans-1,3-Dichloropropene	0.0132	0.0104	79.2		0.827	30	70 - 130
Diethyl Ether	0.0132	0.0123	93.5		7.89	30	70 - 130
Diisopropyl Ether (DIPE)	0.0132	0.0108	81.8		8.38	30	70 - 130
1,4-Dioxane	0.132	0.127	96.6		5.01	30	70 - 130
Ethylbenzene	0.0132	0.0141	107		8.46	30	70 - 130
Hexachlorobutadiene	0.0132	0.0114	86.1		3.53	30	70 - 130
2-Hexanone (MBK)	0.132	0.0955	72.4		2.45	30	70 - 130
Isopropylbenzene (Cumene)	0.0132	0.0163	124		12.4	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	0.0132	0.0152	115		5.70	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0132	0.0103	78.4		6.60	30	70 - 130
Methylene Chloride	0.0132	0.0115	87.3		1.77	30	70 - 130
4-Methyl-2-pentanone (MIBK)	0.132	0.0932	70.7		1.02	30	70 - 130
Naphthalene	0.0132	0.00753	57.1	*	6.66	30	70 - 130
n-Propylbenzene	0.0132	0.0134	102		12.2	30	70 - 130
Styrene	0.0132	0.0138	104		13.7	30	70 - 130
1,1,1,2-Tetrachloroethane	0.0132	0.0122	92.7		1.67	30	70 - 130
1,1,2,2-Tetrachloroethane	0.0132	0.0137	104		17.6	30	70 - 130
Tetrachloroethylene	0.0132	0.0262	52.0	*	7.90	30	70 - 130
Tetrahydrofuran	0.0132	0.0131	99.0		3.90	30	70 - 130
Toluene	0.0132	0.0111	84.5		12.4	30	70 - 130
1,2,3-Trichlorobenzene	0.0132	0.00850	64.5	*	3.13	30	70 - 130
1,2,4-Trichlorobenzene	0.0132	0.00940	71.3		2.37	30	70 - 130
1,3,5-Trichlorobenzene	0.0132	0.0115	86.9		4.46	30	70 - 130
1,1,1-Trichloroethane	0.0132	0.00945	71.7		0.0718	30	70 - 130
1,1,2-Trichloroethane	0.0132	0.0118	89.6		14.2	30	70 - 130
Trichloroethylene	0.0132	0.0110	83.6		7.50	30	70 - 130
Trichlorofluoromethane (Freon 11)	0.0132	0.00910	69.0	*	9.35	30	70 - 130
1,2,3-Trichloropropane	0.0132	0.0117	89.0		5.74	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0132	0.0106	80.6		9.71	30	70 - 130
1,2,4-Trimethylbenzene	0.0132	0.0158	120		5.46	30	70 - 130
1,3,5-Trimethylbenzene	0.0132	0.0120	91.0		8.13	30	70 - 130
Vinyl Chloride	0.0132	0.0145	110		28.8	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8260C
Batch:	B045245	Preparation:	SW-846 5035
% Solids:	91.50	Laboratory ID:	B045245-MSD1
Initial/Final:	8.29 g / 10 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	0.0264	0.0265	100	8.76	30	70 - 130
o-Xylene	0.0132	0.0130	98.3	8.67	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.187	93.7	70 - 160
Acrylonitrile	0.0200	0.0176	88.2	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0189	94.7	70 - 130
Benzene	0.0200	0.0226	113	70 - 130
Bromobenzene	0.0200	0.0198	98.9	70 - 130
Bromochloromethane	0.0200	0.0208	104	70 - 130
Bromodichloromethane	0.0200	0.0148	74.2	70 - 130
Bromoform	0.0200	0.0168	83.9	70 - 130
Bromomethane	0.0200	0.0127	63.4	40 - 130
2-Butanone (MEK)	0.200	0.179	89.6	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.141	70.3	40 - 130
n-Butylbenzene	0.0200	0.0219	110	70 - 130
sec-Butylbenzene	0.0200	0.0229	115	70 - 130
tert-Butylbenzene	0.0200	0.0215	108	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0157	78.3	70 - 130
Carbon Disulfide	0.0200	0.0210	105	70 - 130
Carbon Tetrachloride	0.0200	0.0151	75.5	70 - 130
Chlorobenzene	0.0200	0.0215	107	70 - 130
Chlorodibromomethane	0.0200	0.0149	74.4	70 - 130
Chloroethane	0.0200	0.0165	82.6	70 - 130
Chloroform	0.0200	0.0174	86.9	70 - 130
Chloromethane	0.0200	0.0203	102	70 - 130
2-Chlorotoluene	0.0200	0.0205	102	70 - 130
4-Chlorotoluene	0.0200	0.0199	99.7	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0157	78.6	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0186	93.0	70 - 130
Dibromomethane	0.0200	0.0179	89.5	70 - 130
1,2-Dichlorobenzene	0.0200	0.0216	108	70 - 130
1,3-Dichlorobenzene	0.0200	0.0219	110	70 - 130
1,4-Dichlorobenzene	0.0200	0.0199	99.6	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0155	77.3	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0200	0.0155	77.6		40 - 160
1,1-Dichloroethane	0.0200	0.0195	97.7		70 - 130
1,2-Dichloroethane	0.0200	0.0132	65.8	*	70 - 130
1,1-Dichloroethylene	0.0200	0.0160	80.0		70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0172	85.8		70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0189	94.4		70 - 130
1,2-Dichloropropane	0.0200	0.0204	102		70 - 130
1,3-Dichloropropane	0.0200	0.0187	93.6		70 - 130
2,2-Dichloropropane	0.0200	0.0152	76.2		70 - 130
1,1-Dichloropropene	0.0200	0.0185	92.3		70 - 130
cis-1,3-Dichloropropene	0.0200	0.0183	91.7		70 - 130
trans-1,3-Dichloropropene	0.0200	0.0179	89.7		70 - 130
Diethyl Ether	0.0200	0.0206	103		70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0180	89.9		70 - 130
1,4-Dioxane	0.200	0.173	86.6		40 - 160
Ethylbenzene	0.0200	0.0215	108		70 - 130
Hexachlorobutadiene	0.0200	0.0174	87.1		70 - 160
2-Hexanone (MBK)	0.200	0.155	77.5		70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0260	130		70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0198	99.0		70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0170	85.0		70 - 130
Methylene Chloride	0.0200	0.0166	82.9		40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.151	75.4		70 - 160
Naphthalene	0.0200	0.0196	98.1		40 - 130
n-Propylbenzene	0.0200	0.0219	110		70 - 130
Styrene	0.0200	0.0229	114		70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0183	91.3		70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0224	112		70 - 130
Tetrachloroethylene	0.0200	0.0179	89.7		70 - 130
Tetrahydrofuran	0.0200	0.0213	107		70 - 130
Toluene	0.0200	0.0184	92.2		70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BS1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0200	0.0211	106	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0211	106	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0205	102	70 - 130
1,1,1-Trichloroethane	0.0200	0.0148	74.2	70 - 130
1,1,2-Trichloroethane	0.0200	0.0197	98.6	70 - 130
Trichloroethylene	0.0200	0.0182	90.9	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0142	71.1	70 - 130
1,2,3-Trichloropropane	0.0200	0.0186	93.0	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0167	83.5	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0213	106	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0200	100	70 - 130
Vinyl Chloride	0.0200	0.0195	97.3	40 - 130
m+p Xylene	0.0400	0.0410	102	70 - 130
o-Xylene	0.0200	0.0206	103	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	0.200	0.164	81.9	13.4	25	70 - 160
Acrylonitrile	0.0200	0.0179	89.7	1.69	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0187	93.4	1.38	25	70 - 130
Benzene	0.0200	0.0222	111	1.52	25	70 - 130
Bromobenzene	0.0200	0.0199	99.4	0.504	25	70 - 130
Bromochloromethane	0.0200	0.0207	104	0.674	25	70 - 130
Bromodichloromethane	0.0200	0.0145	72.4	2.46	25	70 - 130
Bromoform	0.0200	0.0169	84.7	0.949	25	70 - 130
Bromomethane	0.0200	0.0115	57.5	9.76	25	40 - 130
2-Butanone (MEK)	0.200	0.168	83.8	6.61	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.144	72.2	2.57	25	40 - 130
n-Butylbenzene	0.0200	0.0215	108	2.03	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	0.0200	0.0223	112		2.56	25	70 - 130
tert-Butylbenzene	0.0200	0.0212	106		1.59	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0156	78.0		0.384	25	70 - 130
Carbon Disulfide	0.0200	0.0214	107		1.98	25	70 - 130
Carbon Tetrachloride	0.0200	0.0144	72.0		4.75	25	70 - 130
Chlorobenzene	0.0200	0.0216	108		0.557	25	70 - 130
Chlorodibromomethane	0.0200	0.0149	74.5		0.134	25	70 - 130
Chloroethane	0.0200	0.0124	61.9	*	28.7	25	70 - 130
Chloroform	0.0200	0.0169	84.6		2.68	25	70 - 130
Chloromethane	0.0200	0.0195	97.3		4.32	25	70 - 130
2-Chlorotoluene	0.0200	0.0201	101		1.68	25	70 - 130
4-Chlorotoluene	0.0200	0.0194	97.2		2.54	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0155	77.7		1.15	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0183	91.5		1.63	25	70 - 130
Dibromomethane	0.0200	0.0179	89.3		0.224	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0224	112		3.45	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0220	110		0.273	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0200	100		0.401	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0157	78.3		1.29	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0148	73.9		4.88	25	40 - 160
1,1-Dichloroethane	0.0200	0.0190	95.2		2.59	25	70 - 130
1,2-Dichloroethane	0.0200	0.0131	65.7	*	0.152	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0154	76.8		4.08	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0165	82.5		3.92	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0180	89.9		4.88	25	70 - 130
1,2-Dichloropropane	0.0200	0.0202	101		1.08	25	70 - 130
1,3-Dichloropropane	0.0200	0.0189	94.4		0.851	25	70 - 130
2,2-Dichloropropane	0.0200	0.0147	73.6		3.47	25	70 - 130
1,1-Dichloropropene	0.0200	0.0180	89.9		2.63	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	0.0200	0.0188	93.8		2.26	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0174	87.0		3.06	25	70 - 130
Diethyl Ether	0.0200	0.0192	96.2		6.92	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0174	87.1		3.16	25	70 - 130
1,4-Dioxane	0.200	0.206	103		17.1	50	40 - 160
Ethylbenzene	0.0200	0.0208	104		3.31	25	70 - 130
Hexachlorobutadiene	0.0200	0.0165	82.6		5.30	25	70 - 160
2-Hexanone (MBK)	0.200	0.153	76.6		1.06	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0253	126		2.88	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0195	97.6		1.42	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0165	82.3		3.23	25	70 - 130
Methylene Chloride	0.0200	0.0160	80.1		3.44	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.149	74.6		1.05	25	70 - 160
Naphthalene	0.0200	0.0204	102		3.90	25	40 - 130
n-Propylbenzene	0.0200	0.0214	107		2.40	25	70 - 130
Styrene	0.0200	0.0228	114		0.175	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0184	92.2		0.981	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0229	114		2.21	25	70 - 130
Tetrachloroethylene	0.0200	0.0172	85.8		4.44	25	70 - 130
Tetrahydrofuran	0.0200	0.0209	104		2.27	25	70 - 130
Toluene	0.0200	0.0179	89.6		2.86	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0214	107		1.51	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0214	107		1.50	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0200	100		2.47	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0146	73.1		1.49	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0197	98.3		0.305	25	70 - 130
Trichloroethylene	0.0200	0.0175	87.3		4.04	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0137	68.6	*	3.58	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0185	92.5		0.539	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B045245	Laboratory ID:	B045245-BSD1
Column:		Initial/Final:	5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0168	84.2	0.835	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0210	105	1.33	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0194	96.9	3.35	25	70 - 130
Vinyl Chloride	0.0200	0.0197	98.4	1.12	25	40 - 130
m+p Xylene	0.0400	0.0401	100	2.27	25	70 - 130
o-Xylene	0.0200	0.0203	102	1.46	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045245-BLK1	Batch:	B045245

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045245-MSD1	VD030023.D	14:29
Matrix Spike	B045245-MS1	VD030022.D	14:04
LCS Dup	B045245-BSD1	VD030005.D	06:49
LCS	B045245-BS1	VD030004.D	06:24
FPC-SB03	12A0882-04	VD030019.D	12:47
FPC-SB02/D	12A0882-03	VD030021.D	13:38
FPC-SB02	12A0882-02	VD030020.D	13:13
FPC-SB01	12A0882-01	VD030018.D	12:22

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	VD030002.D	Injection Date:	01/30/12
Instrument ID:	GCMSVOA4	Injection Time:	05:32
Sequence:	S001791	Lab Sample ID:	S001791-TUN1

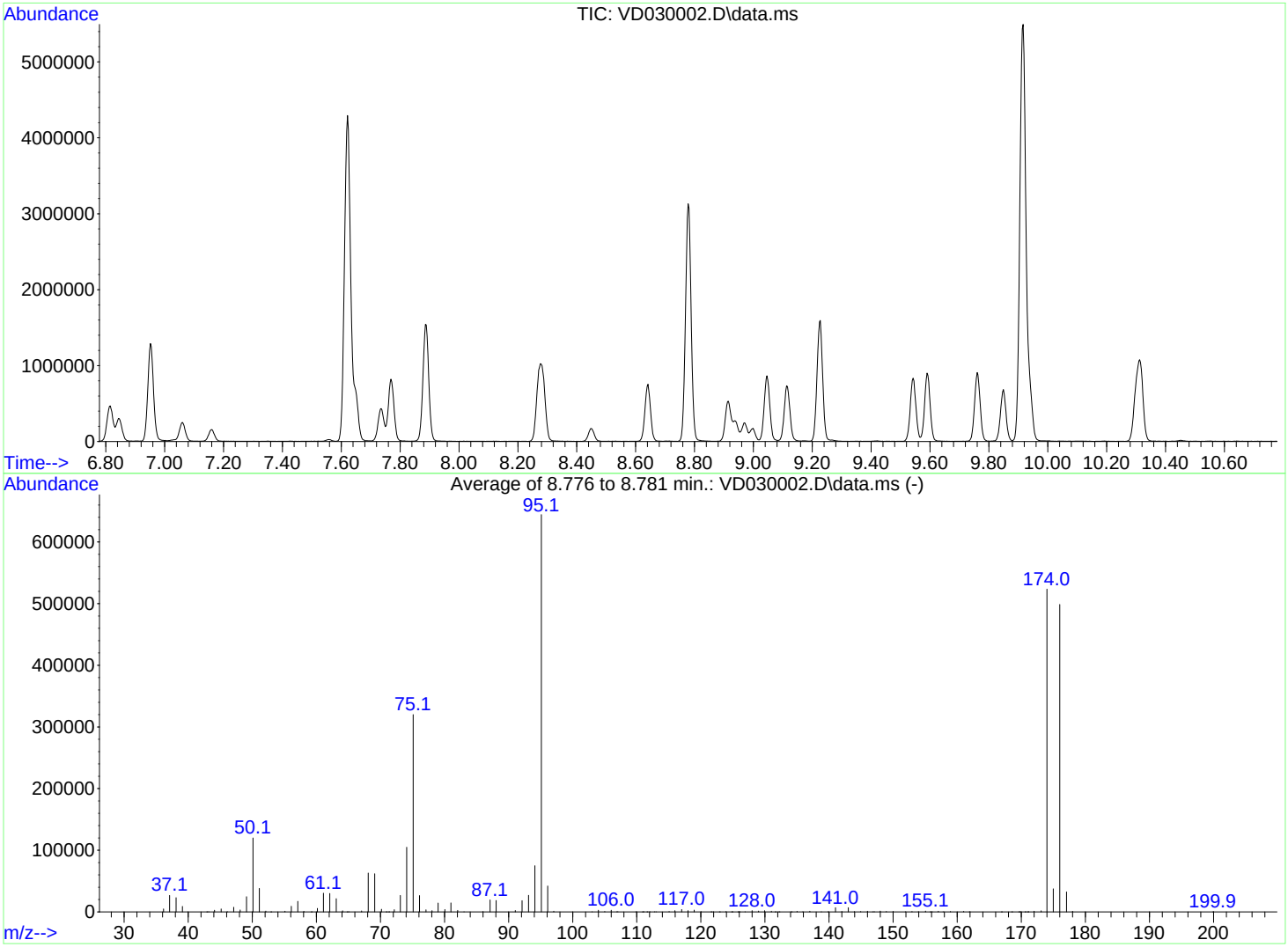
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.6	PASS
75	30 - 60% of 95	49.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.52	PASS
173	Less than 2% of 174	0.351	PASS
174	50 - 200% of 95	81.2	PASS
175	5 - 9% of 174	7.18	PASS
176	95 - 101% of 174	95.3	PASS
177	5 - 9% of 176	6.49	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001791-CCV1	VD030003.D	01/30/2012	5:58:00
LCS	B045245-BS1	VD030004.D	01/30/2012	6:24:00
LCS Dup	B045245-BSD1	VD030005.D	01/30/2012	6:49:00
Blank	B045245-BLK1	VD030007.D	01/30/2012	7:41:00
FPC-SB01	12A0882-01	VD030018.D	01/30/2012	12:22:00
FPC-SB03	12A0882-04	VD030019.D	01/30/2012	12:47:00
FPC-SB02	12A0882-02	VD030020.D	01/30/2012	13:13:00
FPC-SB02/D	12A0882-03	VD030021.D	01/30/2012	13:38:00
Matrix Spike	B045245-MS1	VD030022.D	01/30/2012	14:04:00
Matrix Spike Dup	B045245-MSD1	VD030023.D	01/30/2012	14:29:00

Data Path : Y:\1\DATA\013012\
Data File : VD030002.D
Acq On : 30 Jan 2012 5:32 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: 8260B.P

Method : Y:\1\METHODS\V01219S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011



Spectrum Information: Average of 8.776 to 8.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	119971	PASS
75	95	30	60	49.7	319957	PASS
95	95	100	100	100.0	644373	PASS
96	95	5	9	6.5	42024	PASS
173	174	0.00	2	0.4	1839	PASS
174	95	50	100	81.2	523456	PASS
175	174	5	9	7.2	37594	PASS
176	174	95	101	95.3	498709	PASS
177	176	5	9	6.5	32362	PASS

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.15	4805	49.10	24648	61.10	30320	71.30	54
37.10	26765	50.10	119971	62.10	29944	72.15	3564
38.10	23187	51.10	38186	63.10	21594	73.10	26712
39.10	8866	52.10	1469	64.10	1850	74.10	104944
42.90	126	52.90	62	64.80	75	75.10	319957
43.20	171	55.10	1063	65.10	344	76.10	26557
44.10	2710	56.10	9084	67.05	1550	77.10	3415
45.15	4722	57.10	17181	68.10	63160	78.05	2053
46.15	232	58.05	895	69.10	61917	79.00	14392
47.10	7635	59.20	92	70.15	4280	80.05	3859
48.10	3290	60.15	5800	70.90	64	81.00	14570

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
82.05	2567	97.05	1114	112.05	305	122.90	91
83.05	211	103.05	274	112.75	332	123.90	547
86.00	550	104.00	2725	113.00	300	124.80	111
87.10	19469	105.00	796	115.05	616	124.95	210
88.05	18429	106.00	2767	115.95	2183	125.80	80
91.05	2279	106.90	200	117.00	3909	126.00	95
92.10	18325	107.05	504	118.00	2164	126.90	212
93.10	27066	109.85	330	118.95	2982	128.00	2142
94.10	74829	110.90	101	120.05	293	129.00	1328
95.10	644373	111.10	262	121.60	59	129.95	2101
96.10	42024	111.60	53	121.95	182	131.00	1071

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
131.60	61	143.95	582	155.05	1467	169.80	60
132.20	64	144.95	631	155.80	76	170.60	69
134.10	115	146.00	1159	156.10	164	171.00	126
135.00	1016	146.80	146	157.05	1279	171.15	159
135.90	215	147.05	362	157.80	151	172.00	1057
137.00	1215	148.00	1350	158.95	807	173.10	1839
138.80	278	148.95	629	161.00	996	174.00	523456
139.85	272	150.00	793	161.90	63	175.00	37594
141.00	6872	151.90	275	166.90	97	176.00	498709
142.00	749	152.95	659	168.50	109	177.05	32362
143.00	6806	153.95	490	169.60	53	178.00	924

Average of 8.776 to 8.781 min.: VD030002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
199.90	58						

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VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone							20	0.0602076	50	0.0527848	100	4.744937E-02
Acrylonitrile					1	8.975132E-02	2	7.580622E-02	5	7.176225E-02	10	7.284582E-02
tert-Amyl Methyl Ether (TAME)	0.2	0.4190378	0.5	0.3736979	1	0.4078898	2	0.3667447	5	0.4081525	10	0.4199067
Benzene	0.2	0.6532529	0.5	0.5472176	1	0.6841494	2	0.6381898	5	0.6219526	10	0.6080528
Bromobenzene	0.2	0.483422	0.5	0.4280397	1	0.4933801	2	0.4486881	5	0.4837293	10	0.4591531
Bromochloromethane	0.2	0.1015729	0.5	9.474537E-02	1	9.364339E-02	2	8.754595E-02	5	8.859868E-02	10	0.083002
Bromodichloromethane	0.2	0.2385986	0.5	0.2253071	1	0.253034	2	0.2317625	5	0.2351508	10	0.2376365
Bromoform	0.2	0.201931	0.5	0.1946176	1	0.1966961	2	0.1875847	5	0.1986015	10	0.2015992
Bromomethane									5	0.1207023	10	0.1243158
2-Butanone (MEK)	2	0.1065818	5	9.665469E-02	10	0.1026166	20	9.081041E-02	50	0.0971683	100	9.516607E-02
tert-Butyl Alcohol (TBA)							20	2.743676E-02	50	2.476814E-02	100	2.367537E-02
n-Butylbenzene	0.2	1.040897	0.5	0.7557883	1	1.03486	2	0.9767374	5	1.05618	10	1.064859
sec-Butylbenzene	0.2	0.236442	0.5	0.1954365	1	0.2414394	2	0.2066229	5	0.2404601	10	0.2454387
tert-Butylbenzene	0.2	0.8260411	0.5	0.6362123	1	0.8328125	2	0.801073	5	0.9131252	10	0.9150028
tert-Butyl Ethyl Ether (TBEE)	0.2	0.6439918	0.5	0.6520899	1	0.6593958	2	0.6163704	5	0.6579183	10	0.6609027
Carbon Disulfide	2	0.4684201	5	0.3766119	10	0.4776553	20	0.4405648	50	0.4697425	100	0.4535043
Carbon Tetrachloride			0.5	0.3364722	1	0.4770909	2	0.3653132	5	0.4327916	10	0.4191172
Chlorobenzene	0.2	0.7625137	0.5	0.6058073	1	0.7217075	2	0.647338	5	0.7014673	10	0.6252385
Chlorodibromomethane	0.2	0.1903267	0.5	0.1528932	1	0.1867224	2	0.1712748	5	0.1775916	10	0.1689945
Chloroethane	0.2	0.1136222	0.5	0.1061933	1	0.1117221	2	9.939502E-02	5	0.1005505	10	9.861843E-02
Chloroform	0.2	0.502686	0.5	0.3741382	1	0.4262604	2	0.3935244	5	0.4178705	10	0.3876914
Chloromethane			0.5	0.192693	1	0.2437608	2	0.2194663	5	0.2144845	10	0.2051155
2-Chlorotoluene	0.2	0.9668441	0.5	0.6782128	1	0.9152728	2	0.9052889	5	0.8564282	10	0.8830534
4-Chlorotoluene	0.2	1.010918	0.5	0.871294	1	1.073927	2	1.064986	5	1.133984	10	1.032448
1,2-Dibromo-3-chloropropane (D					1	8.254403E-02	2	7.287384E-02	5	6.679418E-02	10	6.722863E-02
1,2-Dibromoethane (EDB)	0.2	0.1143751	0.5	0.1155677	1	0.1269557	2	0.1138143	5	0.1182259	10	0.1163393

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Dibromomethane	0.2	7.326572E-02	0.5	8.274603E-02	1	9.066417E-02	2	8.743304E-02	5	0.0845123	10	7.948463E-02
1,2-Dichlorobenzene	0.2	0.5868381	0.5	0.4620551	1	0.5713207	2	0.5282189	5	0.5462521	10	0.5212251
1,3-Dichlorobenzene	0.2	0.6228566	0.5	0.5171395	1	0.6078376	2	0.5569223	5	0.6108254	10	0.5665241
1,4-Dichlorobenzene	0.2	0.8001881	0.5	0.6083431	1	0.663424	2	0.6010437	5	0.6414865	10	0.6004796
trans-1,4-Dichloro-2-butene	0.2	9.597721E-02	0.5	0.1210723	1	0.1219535	2	0.1068637	5	0.1070923	10	0.1021648
Dichlorodifluoromethane (Freon	0.2	0.4222244	0.5	0.3178994	1	0.3301455	2	0.3023303	5	0.3179767	10	0.328225
1,1-Dichloroethane	0.2	0.410673	0.5	0.3135363	1	0.405574	2	0.3673212	5	0.3718564	10	0.3577632
1,2-Dichloroethane	0.2	0.3530483	0.5	0.290244	1	0.3249698	2	0.2982119	5	0.3046889	10	0.2877779
1,1-Dichloroethylene	0.2	0.340767	0.5	0.2759104	1	0.3366647	2	0.298026	5	0.3152828	10	0.3064129
cis-1,2-Dichloroethylene	0.2	0.4355683	0.5	0.3418359	1	0.4210255	2	0.3744088	5	0.3798125	10	0.39673
trans-1,2-Dichloroethylene	0.2	0.3268256	0.5	0.2790726	1	0.348341	2	0.3222609	5	0.3444447	10	0.3385221
1,2-Dichloropropane	0.2	0.1403389	0.5	0.1229857	1	0.1326231	2	0.1147568	5	0.1322869	10	0.1240547
1,3-Dichloropropane	0.2	0.2089789	0.5	0.1608411	1	0.1943461	2	0.1736809	5	0.1807047	10	0.1770002
2,2-Dichloropropane	0.2	0.407586	0.5	0.3479601	1	0.3849265	2	0.3622516	5	0.3634205	10	0.3690929
1,1-Dichloropropene	0.2	0.1176054	0.5	8.409803E-02	1	9.230063E-02	2	7.888778E-02	5	9.032912E-02	10	8.042532E-02
cis-1,3-Dichloropropene	0.2	0.1975638	0.5	0.1698192	1	0.1884198	2	0.1745091	5	0.187853	10	0.1844719
trans-1,3-Dichloropropene	0.2	0.1878646	0.5	0.1800926	1	0.1808249	2	0.1709464	5	0.1845101	10	0.1798906
Diethyl Ether			0.5	8.093585E-02	1	7.250941E-02	2	0.0684602	5	7.071612E-02	10	6.685672E-02
Diisopropyl Ether (DIPE)	0.2	0.7620951	0.5	0.5728353	1	0.7125616	2	0.6910931	5	0.7019109	10	0.7202263
1,4-Dioxane							20	1.245882E-03	50	1.259054E-03	100	1.314977E-03
Ethylbenzene	0.2	1.252755	0.5	0.9214476	1	1.174337	2	1.188149	5	1.141521	10	1.130706
Hexachlorobutadiene	0.2	0.3748685	0.5	0.3317641	1	0.4021288	2	0.348032	5	0.3579943	10	0.3392597
2-Hexanone (MBK)	2	0.1021244	5	9.626328E-02	10	0.1051161	20	9.768782E-02	50	0.1011459	100	0.1021888
Isopropylbenzene (Cumene)	0.2	0.2353967	0.5	0.1920405	1	0.2451743	2	0.2390852	5	0.2510631	10	0.2470097
p-Isopropyltoluene (p-Cymene)	0.2	1.158491	0.5	0.9868913	1	1.172278	2	1.098157	5	1.210943	10	1.131722
Methyl tert-Butyl Ether (MTBE)	0.2	0.4993003	0.5	0.5209995	1	0.52617	2	0.4885654	5	0.51942	10	0.5324508

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	0.2	5.447093	0.5	2.356706	1	1.360884	2	0.7393145	5	0.5291262	10	0.4172393
4-Methyl-2-pentanone (MIBK)	2	0.140227	5	0.1235244	10	0.1442097	20	0.1341882	50	0.1455681	100	0.1432308
Naphthalene	0.2	0.6207231	0.5	0.6439594	1	0.7161843	2	0.6562813	5	0.7175614	10	0.799361
n-Propylbenzene	0.2	1.183298	0.5	0.9812651	1	1.381171	2	1.276658	5	1.379995	10	1.338556
Styrene	0.2	0.6521399	0.5	0.5150155	1	0.6960894	2	0.6308898	5	0.6937257	10	0.6884949
1,1,1,2-Tetrachloroethane	0.2	0.3331419	0.5	0.2867475	1	0.2835395	2	0.2627108	5	0.2824991	10	0.2712675
1,1,2,2-Tetrachloroethane	0.2	0.244363	0.5	0.2321832	1	0.2566292	2	0.2202071	5	0.230942	10	0.2294603
Tetrachloroethylene	0.2	0.1993544	0.5	0.1385871	1	0.1844353	2	0.1610507	5	0.1646305	10	0.1571838
Tetrahydrofuran			0.5	2.501726E-02	1	0.0262326	2	2.252516E-02	5	1.297832E-02	10	1.928555E-02
Toluene	0.2	0.7463852	0.5	0.4943568	1	0.6070457	2	0.5404841	5	0.5311348	10	0.5263372
1,2,3-Trichlorobenzene	0.2	0.4165345	0.5	0.3396117	1	0.4059132	2	0.3638667	5	0.4009309	10	0.3995559
1,2,4-Trichlorobenzene	0.2	0.4293355	0.5	0.3932373	1	0.4243682	2	0.3697128	5	0.4184925	10	0.4185819
1,3,5-Trichlorobenzene	0.2	0.5168091	0.5	0.4162268	1	0.5242369	2	0.4537886	5	0.4783123	10	0.4780046
1,1,1-Trichloroethane	0.2	0.4637498	0.5	0.3427965	1	0.4823063	2	0.4376005	5	0.4461318	10	0.4263088
1,1,2-Trichloroethane	0.2	0.1014678	0.5	7.612282E-02	1	9.228959E-02	2	7.859406E-02	5	0.0863647	10	8.178215E-02
Trichloroethylene	0.2	0.1680187	0.5	0.1310808	1	0.15489	2	0.1520404	5	0.1551503	10	0.1453471
Trichlorofluoromethane (Freon 1	0.2	0.5088601	0.5	0.3406751	1	0.4621453	2	0.4008207	5	0.3925628	10	0.3774406
1,2,3-Trichloropropane			0.5	0.0975318	1	8.811069E-02	2	9.377991E-02	5	9.834116E-02	10	8.877385E-02
1,1,2-Trichloro-1,2,2-trifluoroeth	0.2	0.1784496	0.5	0.1685563	1	0.2020183	2	0.18711	5	0.1911667	10	0.1774881
1,2,4-Trimethylbenzene	0.2	0.9791511	0.5	0.7724897	1	1.068747	2	1.051682	5	1.152018	10	1.113354
1,3,5-Trimethylbenzene	0.2	0.9516898	0.5	0.799285	1	1.078896	2	1.096973	5	1.126098	10	1.10836
Vinyl Chloride	0.2	0.2192779	0.5	0.1398565	1	0.183998	2	0.1909768	5	0.2127265	10	0.2019328
m+p Xylene	0.4	1.007382	1	0.7391454	2	0.9833312	4	0.9814181	10	1.035816	20	0.9767294
o-Xylene	0.2	0.9265589	0.5	0.7635531	1	0.9771689	2	0.909052	5	0.9908632	10	0.9629411
1,2-Dichloroethane-d4	25	0.6927053	25	0.7327104	25	0.733659	25	0.7334257	25	0.7319404	25	0.7450933
Toluene-d8	25	1.158079	25	1.174367	25	1.171995	25	1.167546	25	1.18432	25	1.166584

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	1.000719	25	0.9838997	25	1.00658	25	1.0033	25	1.018491	25	0.987217

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	4.474989E-02	500	4.823659E-02	800	4.329979E-02						
Acrylonitrile	20	7.307083E-02	50	7.811078E-02	80	7.318161E-02						
tert-Amyl Methyl Ether (TAME)	20	0.4127569	50	0.4581311	80	0.4449854						
Benzene	20	0.5969885	50	0.6534327	80	0.6327474						
Bromobenzene	20	0.4701567	50	0.531787	80	0.5125643						
Bromochloromethane	20	8.640383E-02	50	9.259275E-02	80	9.046188E-02						
Bromodichloromethane	20	0.2382409	50	0.2537357	80	0.2489983						
Bromoform	20	0.212393	50	0.2457642	80	0.2328475						
Bromomethane	20	0.1176879	50	0.1236221	80	0.1113937						
2-Butanone (MEK)	200	9.766726E-02	500	9.996987E-02	800	0.0922679						
tert-Butyl Alcohol (TBA)	200	2.324914E-02	500	2.578351E-02	800	0.0246878						
n-Butylbenzene	20	1.110905	50	1.259989	80	1.133093						
sec-Butylbenzene	20	0.2436617	50	0.28008	80	0.2655361						
tert-Butylbenzene	20	0.9372189	50	1.072056	80	0.997483						
tert-Butyl Ethyl Ether (TBEE)	20	0.6589356	50	0.7071715	80	0.6975286						
Carbon Disulfide	200	0.4611498	500	0.4383896								
Carbon Tetrachloride	20	0.4108917	50	0.4390138	80	0.4297891						
Chlorobenzene	20	0.6385628	50	0.7150327	80	0.7057061						
Chlorodibromomethane	20	0.1727372	50	0.1969546	80	0.1918978						
Chloroethane	20	8.879681E-02	50	0.1003386	80	9.855796E-02						
Chloroform	20	0.3909514	50	0.4197765	80	0.4072862						
Chloromethane	20	0.1991659	50	0.2086589	80	0.198417						
2-Chlorotoluene	20	0.8931555	50	1.016759	80	0.9761652						
4-Chlorotoluene	20	1.070641	50	1.225074	80	1.185609						
1,2-Dibromo-3-chloropropane (D	20	7.173655E-02	50	8.302006E-02	80	7.790233E-02						
1,2-Dibromoethane (EDB)	20	0.1159718	50	0.1347857	80	0.1293756						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Dibromomethane	20	8.123957E-02	50	8.987863E-02	80	0.0877531						
1,2-Dichlorobenzene	20	0.5476986	50	0.6109991	80	0.5744669						
1,3-Dichlorobenzene	20	0.5675606	50	0.6607093	80	0.6243711						
1,4-Dichlorobenzene	20	0.5963173	50	0.6645449	80	0.6156422						
trans-1,4-Dichloro-2-butene	20	0.1105424	50	0.1301395	80	0.1227839						
Dichlorodifluoromethane (Freon	20	0.2862841	50	0.2720351	80	0.2638027						
1,1-Dichloroethane	20	0.3718439	50	0.3883617	80	0.3833891						
1,2-Dichloroethane	20	0.2969681	50	0.309038	80	0.2888735						
1,1-Dichloroethylene	20	0.2969042	50	0.3011835	80	0.2933323						
cis-1,2-Dichloroethylene	20	0.3839292	50	0.4020883	80	0.3947293						
trans-1,2-Dichloroethylene	20	0.3315018	50	0.3502666	80	0.3438879						
1,2-Dichloropropane	20	0.1288274	50	0.1405633	80	0.1366511						
1,3-Dichloropropane	20	0.1876461	50	0.2051974	80	0.1959214						
2,2-Dichloropropane	20	0.3686443	50	0.3890332	80	0.3900574						
1,1-Dichloropropene	20	0.0855813	50	9.268986E-02	80	8.940437E-02						
cis-1,3-Dichloropropene	20	0.1914848	50	0.2194916	80	0.2143018						
trans-1,3-Dichloropropene	20	0.191055	50	0.2174379	80	0.208877						
Diethyl Ether	20	6.416662E-02	50	7.052043E-02	80	6.962315E-02						
Diisopropyl Ether (DIPE)	20	0.7051157	50	0.7029855	80	0.6780469						
1,4-Dioxane	200	1.198661E-03	500	1.352888E-03	800	1.242233E-03						
Ethylbenzene	20	1.191436	50	1.338833	80	1.30267						
Hexachlorobutadiene	20	0.3437371	50	0.4016936	80	0.3699177						
2-Hexanone (MBK)	200	0.1056881	500	0.1143061	800	0.1018317						
Isopropylbenzene (Cumene)	20	0.2533087	50	0.2959811	80	0.2757624						
p-Isopropyltoluene (p-Cymene)	20	1.133919	50	1.295073	80	1.234651						
Methyl tert-Butyl Ether (MTBE)	20	0.5314025	50	0.5592587	80	0.5468761						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Methylene Chloride	20	0.3445811	50	0.3200886	80	0.3081713						
4-Methyl-2-pentanone (MIBK)	200	0.1426035	500	0.1537573	800	0.1312531						
Naphthalene	20	0.8678096	50	1.016794	80	0.9766574						
n-Propylbenzene	20	1.359765	50	1.569121	80	1.53298						
Styrene	20	0.6902031	50	0.7927201	80	0.7643177						
1,1,1,2-Tetrachloroethane	20	0.2826155	50	0.3175931	80	0.3088857						
1,1,2,2-Tetrachloroethane	20	0.2362942	50	0.2762958	80	0.2623574						
Tetrachloroethylene	20	0.1584276	50	0.1729302	80	0.1741225						
Tetrahydrofuran	20	1.503028E-02	50	2.080207E-02	80	1.879013E-02						
Toluene	20	0.5322806	50	0.567244	80	0.5497801						
1,2,3-Trichlorobenzene	20	0.399815	50	0.4877949	80	0.4328633						
1,2,4-Trichlorobenzene	20	0.4335179	50	0.4898791	80	0.4823744						
1,3,5-Trichlorobenzene	20	0.4919088	50	0.5784955	80	0.5379317						
1,1,1-Trichloroethane	20	0.4250566	50	0.4590373	80	0.4459053						
1,1,2-Trichloroethane	20	0.0794324	50	9.231231E-02	80	8.812954E-02						
Trichloroethylene	20	0.1531314	50	0.1639139	80	0.1600108						
Trichlorofluoromethane (Freon 1	20	0.3661021	50	0.3819936	80	0.3649515						
1,2,3-Trichloropropane	20	9.222606E-02	50	0.1065566	80	9.686489E-02						
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.1795259	50	0.181904	80	0.180179						
1,2,4-Trimethylbenzene	20	1.144783	50	1.281934	80	1.210351						
1,3,5-Trimethylbenzene	20	1.117933	50	1.318317	80	1.257313						
Vinyl Chloride	20	0.1916307	50	0.2046292	80	0.2054						
m+p Xylene	40	0.9792846	100	1.103245	160	1.058049						
o-Xylene	20	0.9995182	50	1.121789	80	1.102157						
1,2-Dichloroethane-d4	25	0.7326197	25	0.7201205	25	0.7014071						
Toluene-d8	25	1.165198	25	1.180468	25	1.169462						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200015 Instrument: GCMSVOA4

Calibration Date: 12/19/2011 1:10:48PM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
4-Bromofluorobenzene	25	0.9977945	25	1.016691	25	0.9982394						

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	4.945467E-02	12.5			15	
Acrylonitrile	7.636126E-02	8.2			15	
tert-Amyl Methyl Ether (TAME)	0.412367	7.1			15	
Benzene	0.6262204	6.3			15	
Bromobenzene	0.4789911	6.7			15	
Bromochloromethane	9.095186E-02	6.0			15	
Bromodichloromethane	0.2402738	4.0			15	
Bromoform	0.2080039	9.2			15	
Bromomethane	0.1195444	4.4			15	
2-Butanone (MEK)	9.765588E-02	5.0			15	
tert-Butyl Alcohol (TBA)	2.493345E-02	6.1			15	
n-Butylbenzene	1.048145	12.9			15	
sec-Butylbenzene	0.2394575	10.9			15	
tert-Butylbenzene	0.881225	14.3			15	
tert-Butyl Ethyl Ether (TBEE)	0.6615894	4.1			15	
Carbon Disulfide	0.4482548	7.2			15	
Carbon Tetrachloride	0.41381	10.7			15	
Chlorobenzene	0.6803749	7.7			15	
Chlorodibromomethane	0.1788214	7.8			15	
Chloroethane	0.1019772	7.4			15	
Chloroform	0.4133539	9.1			15	
Chloromethane	0.2102202	7.7			15	
2-Chlorotoluene	0.89902	10.8			15	
4-Chlorotoluene	1.07432	9.6			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.458566E-02	9.0			15	
1,2-Dibromoethane (EDB)	0.1206012	6.4			15	
Dibromomethane	8.410858E-02	6.6			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dichlorobenzene	0.5498972	7.9			15	
1,3-Dichlorobenzene	0.5927496	7.4			15	
1,4-Dichlorobenzene	0.6434966	10.0			15	
trans-1,4-Dichloro-2-butene	0.1131766	10.0			15	
Dichlorodifluoromethane (Freon 12)	0.3156581	14.8			15	
1,1-Dichloroethane	0.3744799	7.7			15	
1,2-Dichloroethane	0.30598	6.9			15	
1,1-Dichloroethylene	0.3071649	6.8			15	
cis-1,2-Dichloroethylene	0.3922364	6.9			15	
trans-1,2-Dichloroethylene	0.3316804	6.6			15	
1,2-Dichloropropane	0.1303431	6.6			15	
1,3-Dichloropropane	0.1871463	8.3			15	
2,2-Dichloropropane	0.3758858	4.9			15	
1,1-Dichloropropene	9.014687E-02	12.7			15	
cis-1,3-Dichloropropene	0.1919906	8.6			15	
trans-1,3-Dichloropropene	0.1890555	7.9			15	
Diethyl Ether	7.047356E-02	7.0			15	
Diisopropyl Ether (DIPE)	0.6940967	7.4			15	
1,4-Dioxane	1.268949E-03	4.4	0.9968571		0.995	
Ethylbenzene	1.182428	10.2			15	
Hexachlorobutadiene	0.3632662	7.1			15	
2-Hexanone (MBK)	0.102928	5.1			15	
Isopropylbenzene (Cumene)	0.2483135	11.5			15	
p-Isopropyltoluene (p-Cymene)	1.158014	7.6			15	
Methyl tert-Butyl Ether (MTBE)	0.5249381	4.1			15	
Methylene Chloride	1.313689	128.7	0.9998137		0.995	
4-Methyl-2-pentanone (MIBK)	0.1398402	6.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200015	Instrument:	GCMSVOA4
		Calibration Date:	12/19/2011 1:10:48PM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Naphthalene	0.7794813	18.7	0.9984009		0.995	
n-Propylbenzene	1.333645	13.3			15	
Styrene	0.6803996	11.7			15	
1,1,1,2-Tetrachloroethane	0.2921112	7.8			15	
1,1,2,2-Tetrachloroethane	0.2431925	7.5			15	
Tetrachloroethylene	0.167858	10.4			15	
Tetrahydrofuran	2.008267E-02	22.8	0.9931428		0.995	*
Toluene	0.5661165	13.1			15	
1,2,3-Trichlorobenzene	0.4052096	10.3			15	
1,2,4-Trichlorobenzene	0.4288333	8.9			15	
1,3,5-Trichlorobenzene	0.4973016	9.7			15	
1,1,1-Trichloroethane	0.4365437	9.1			15	
1,1,2-Trichloroethane	8.627726E-02	9.5			15	
Trichloroethylene	0.1537315	7.0			15	
Trichlorofluoromethane (Freon 11)	0.3995058	13.3			15	
1,2,3-Trichloropropane	9.527312E-02	6.3			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.1829331	5.2			15	
1,2,4-Trimethylbenzene	1.086057	13.6			15	
1,3,5-Trimethylbenzene	1.094985	13.9			15	
Vinyl Chloride	0.194492	12.0			15	
m+p Xylene	0.9849334	10.3			15	
o-Xylene	0.9726224	10.9			15	
1,2-Dichloroethane-d4	0.7248535	2.4			15	
Toluene-d8	1.170891	0.7			15	
4-Bromofluorobenzene	1.001437	1.2			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001789	Instrument:	GCMSVOA4
Calibration:	1200015		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1202139	0.2ppb 8260 Calibration Standard	S001789-CAL1	VD353003.D	12/19/11 05:50
1202140	0.5ppb 8260 Calibration Standard	S001789-CAL2	VD353004.D	12/19/11 06:15
1202141	1ppb 8260 Calibration Standard	S001789-CAL3	VD353005.D	12/19/11 06:41
1202142	2ppb 8260 Calibration Standard	S001789-CAL4	VD353006.D	12/19/11 07:06
1202143	5ppb 8260 Calibration Standard	S001789-CAL5	VD353007.D	12/19/11 07:32
1202144	10ppb 8260 Calibration Standard	S001789-CAL6	VD353008.D	12/19/11 07:57
1202145	20ppb 8260 Calibration Standard	S001789-CAL7	VD353009.D	12/19/11 08:23
1202146	50ppb 8260 Calibration Standard	S001789-CAL8	VD353010.D	12/19/11 08:48
1202147	80ppb 8260 Calibration Standard	S001789-CAL9	VD353011.D	12/19/11 09:14

Method Path : Y:\1\METHODS\
Method File : V01219S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011
Response Via : Initial Calibration

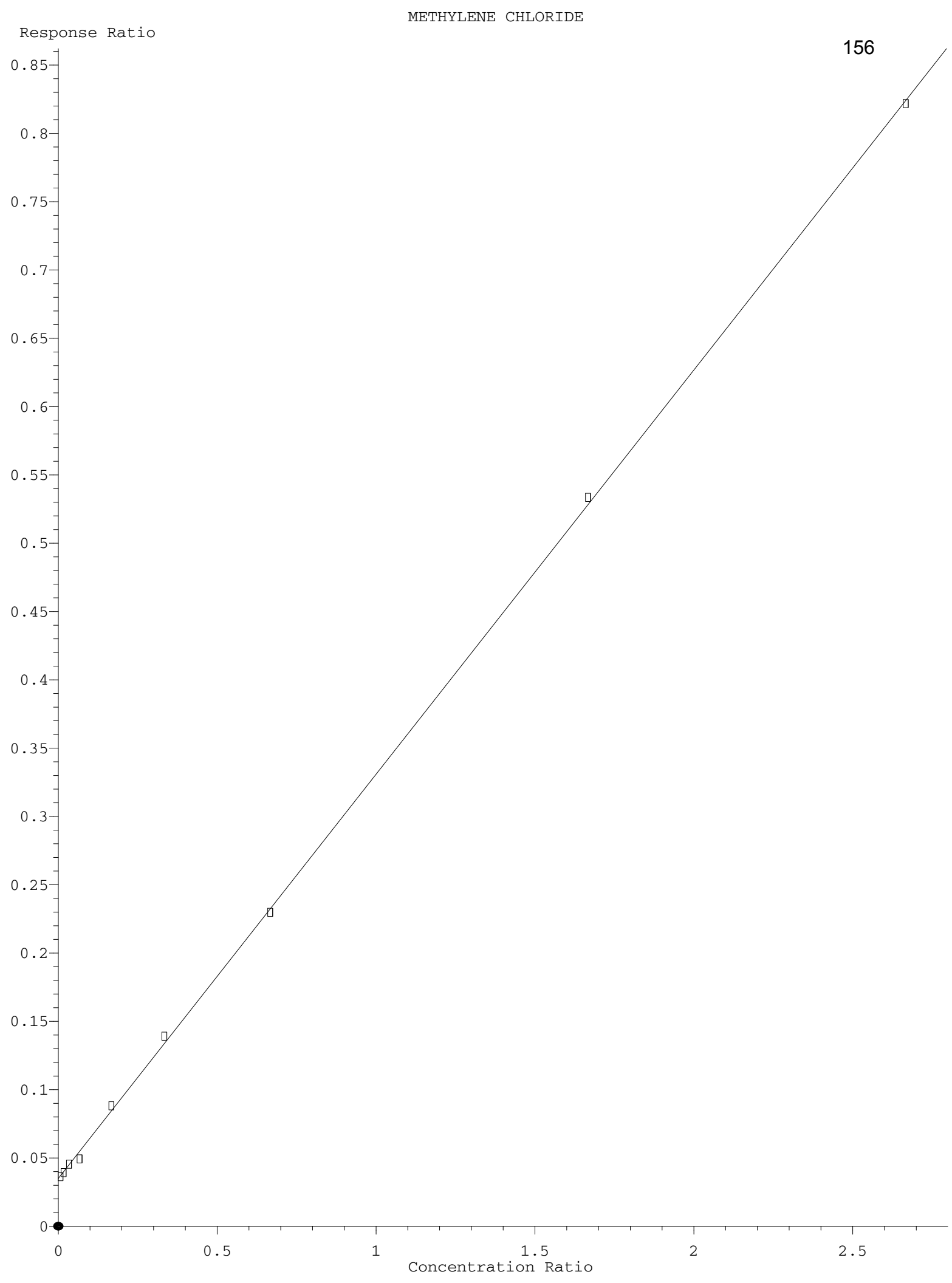
Calibration Files
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8 =VD353011.D 9 =VD353006.D

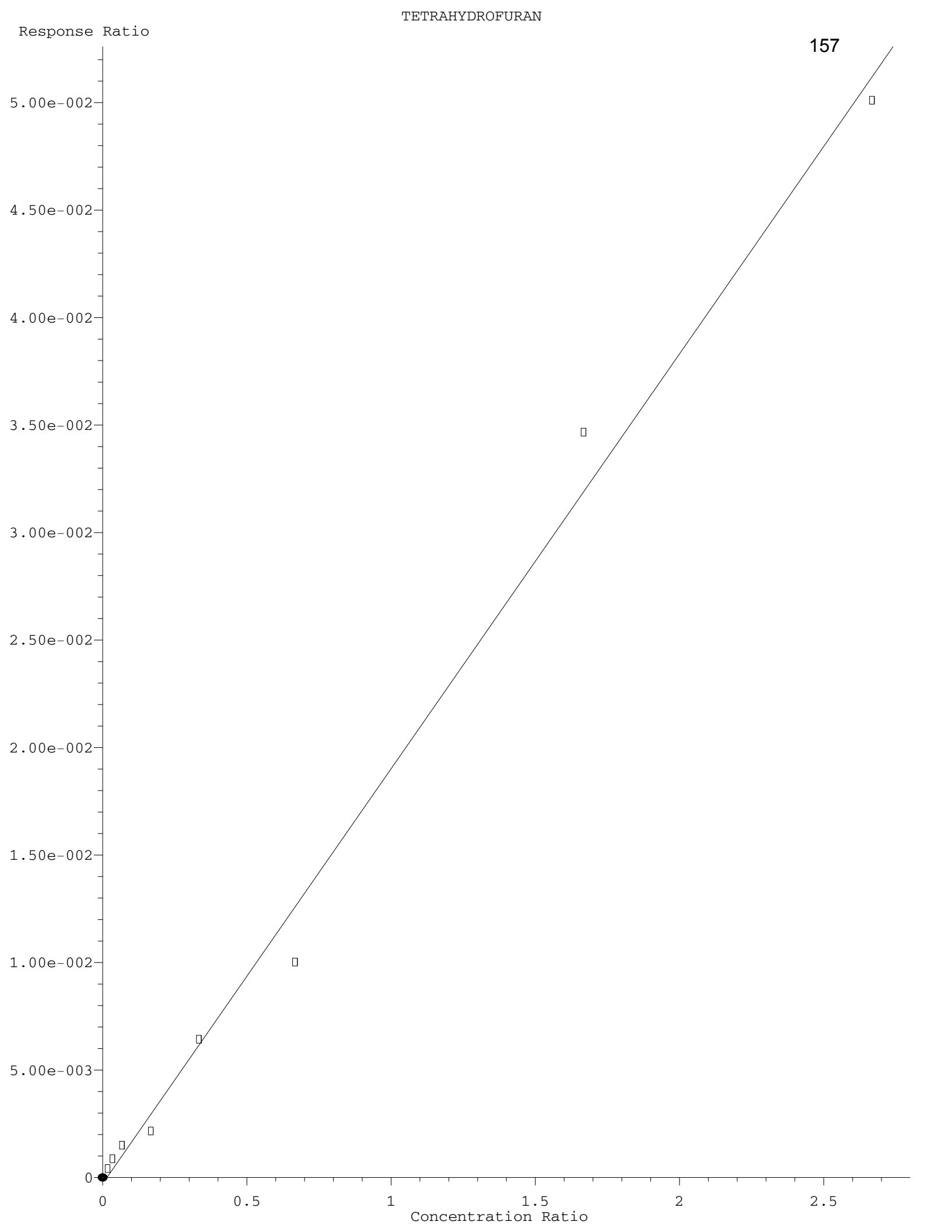
		Compound	1	2	3	4	5	6	7	8	9	Avg	%
1)		PENTAFLUOROBENZENE...	----------ISTD----------										
2)	S	1,2-DICHLOROET...	0.693	0.733	0.734	0.732	0.745	0.733	0.720	0.701	0.733	0.725	2.36
3)		DICHLORODIFLUO...	0.422	0.318	0.330	0.318	0.328	0.286	0.272	0.264	0.302	0.316	14.76
4)	P	CHLOROMETHANE		0.193	0.244	0.214	0.205	0.199	0.209	0.198	0.219	0.210	7.68
5)	C	VINYL CHLORIDE	0.219	0.140	0.184	0.213	0.202	0.192	0.205	0.205	0.191	0.194	11.98#
6)		BROMOMETHANE				0.121	0.124	0.118	0.124	0.111		0.120	4.40
7)		CHLOROETHANE	0.114	0.106	0.112	0.101	0.099	0.089	0.100	0.099	0.099	0.102	7.41
8)		TRICHLOROFLUOR...	0.509	0.341	0.462	0.393	0.377	0.366	0.382	0.365	0.401	0.400	13.27
9)		DI ETHYL ETHER		0.081	0.073	0.071	0.067	0.064	0.071	0.070	0.068	0.070	7.02
10)		ACETONE				0.053	0.047	0.045	0.048	0.043	0.060	0.049#	12.54
11)	C	1,1-DICHLOROET...	0.341	0.276	0.337	0.315	0.306	0.297	0.301	0.293	0.298	0.307	6.77#
12)		1,1,2-TRICL-1,...	0.178	0.169	0.202	0.191	0.177	0.180	0.182	0.180	0.187	0.183	5.21
13)		T-BUTYL ALCOHOL				0.025	0.024	0.023	0.026	0.025	0.027	0.025#	6.08
14)		ACRYLONITRILE			0.090	0.072	0.073	0.073	0.078	0.073	0.076	0.076	8.23
15)		METHYL ACETATE		0.852	0.799	0.714	0.689	0.681	0.688	0.651	0.705	0.722	9.39
16)		METHYLENE CHLO...	5.447	2.357	1.361	0.529	0.417	0.345	0.320	0.308	0.739	1.314	1.000LR
17)		CARBON DISULFIDE	0.468	0.377	0.478	0.470	0.454	0.461	0.438		0.441	0.448	7.16
18)		METHYL TERT-BU...	0.499	0.521	0.526	0.519	0.532	0.531	0.559	0.547	0.489	0.525	4.14
19)		TRANS 1,2-DICH...	0.327	0.279	0.348	0.344	0.339	0.332	0.350	0.344	0.322	0.332	6.62
20)	P	1,1-DICHLOROET...	0.411	0.314	0.406	0.372	0.358	0.372	0.388	0.383	0.367	0.374	7.67
21)		DI ISOPROPYL E...	0.762	0.573	0.713	0.702	0.720	0.705	0.703	0.678	0.691	0.694	7.36
22)		2-BUTANONE	0.107	0.097	0.103	0.097	0.095	0.098	0.100	0.092	0.091	0.098	5.03
23)		T-BUTYL ETHYL ...	0.644	0.652	0.659	0.658	0.661	0.659	0.707	0.698	0.616	0.662	4.08
24)		CIS-1,2-DICHLO...	0.436	0.342	0.421	0.380	0.397	0.384	0.402	0.395	0.374	0.392	6.93
25)		2,2-DICHLOROPR...	0.408	0.348	0.385	0.363	0.369	0.369	0.389	0.390	0.362	0.376	4.87
26)		BROMOCHLOROMET...	0.102	0.095	0.094	0.089	0.083	0.086	0.093	0.090	0.088	0.091	6.00
27)		TETRAHYDROFURAN		0.025	0.026	0.013	0.019	0.015	0.021	0.019	0.023	0.020#	0.993LR
28)	C	CHLOROFORM	0.503	0.374	0.426	0.418	0.388	0.391	0.420	0.407	0.394	0.413	9.11#
29)		1,1,1-TRICHLOR...	0.464	0.343	0.482	0.446	0.426	0.425	0.459	0.446	0.438	0.437	9.07
30)		CYCLOHEXANE	4.143	1.800	1.146	0.538	0.443	0.405	0.407	0.381	0.766	1.115	0.999LR
31)		CARBON TETRACH...		0.336	0.477	0.433	0.419	0.411	0.439	0.430	0.365	0.414	10.66
32)		1,1-DICHLOROPR...	0.118	0.084	0.092	0.090	0.080	0.086	0.093	0.089	0.079	0.090	12.67
33)		BENZENE	0.653	0.547	0.684	0.622	0.608	0.597	0.653	0.633	0.638	0.626	6.30
34)		T-AMYLMETHYL E...	0.419	0.374	0.408	0.408	0.420	0.413	0.458	0.445	0.367	0.412	7.11
35)		1,4-DIFLUOROBENZEN...	----------ISTD----------										
36)	S	TOLUENE SS	1.158	1.174	1.172	1.184	1.167	1.165	1.180	1.169	1.168	1.171	0.68
37)		1,2-DICHLOROET...	0.353	0.290	0.325	0.305	0.288	0.297	0.309	0.289	0.298	0.306	6.93
38)		TRICHLOROETHENE	0.168	0.131	0.155	0.155	0.145	0.153	0.164	0.160	0.152	0.154	7.04
39)		METHYL CYCLOHE...	0.294	0.168	0.226	0.216	0.216	0.227	0.244	0.243	0.213	0.227	14.68
40)	C	1,2-DICHLOROPR...	0.140	0.123	0.133	0.132	0.124	0.129	0.141	0.137	0.115	0.130	6.60#
41)		DIBROMOMETHANE	0.073	0.083	0.091	0.085	0.079	0.081	0.090	0.088	0.087	0.084	6.64
42)		1,4-DIOXANE				0.001	0.001	0.001	0.001	0.001	0.001	0.001#	4.38
43)		BROMODICHLOROM...	0.239	0.225	0.253	0.235	0.238	0.238	0.254	0.249	0.232	0.240	4.05
44)		MIBK	0.140	0.124	0.144	0.146	0.143	0.143	0.154	0.131	0.134	0.140	6.38
45)		CIS-1,3-DICHLO...	0.198	0.170	0.188	0.188	0.184	0.191	0.219	0.214	0.175	0.192	8.58
46)	C	TOLUENE	0.746	0.494	0.607	0.531	0.526	0.532	0.567	0.550	0.540	0.566	13.13#
47)		TRANS-1,3,-DIC...	0.188	0.180	0.181	0.185	0.180	0.191	0.217	0.209	0.171	0.189	7.90
48)		1,1,2-TRICHLOR...	0.101	0.076	0.092	0.086	0.082	0.079	0.092	0.088	0.079	0.086	9.49
49)		2-HEXANONE	0.102	0.096	0.105	0.101	0.102	0.106	0.114	0.102	0.098	0.103	5.09
50)		TETRACHLOROETHENE	0.199	0.139	0.184	0.165	0.157	0.158	0.173	0.174	0.161	0.168	10.42
51)		1,3-DICHLOROPR...	0.209	0.161	0.194	0.181	0.177	0.188	0.205	0.196	0.174	0.187	8.34
52)		DIBROMOCHLOROM...	0.190	0.153	0.187	0.178	0.169	0.173	0.197	0.192	0.171	0.179	7.81
53)		1,2-DIBROMOETHANE	0.114	0.116	0.127	0.118	0.116	0.116	0.135	0.129	0.114	0.121	6.38

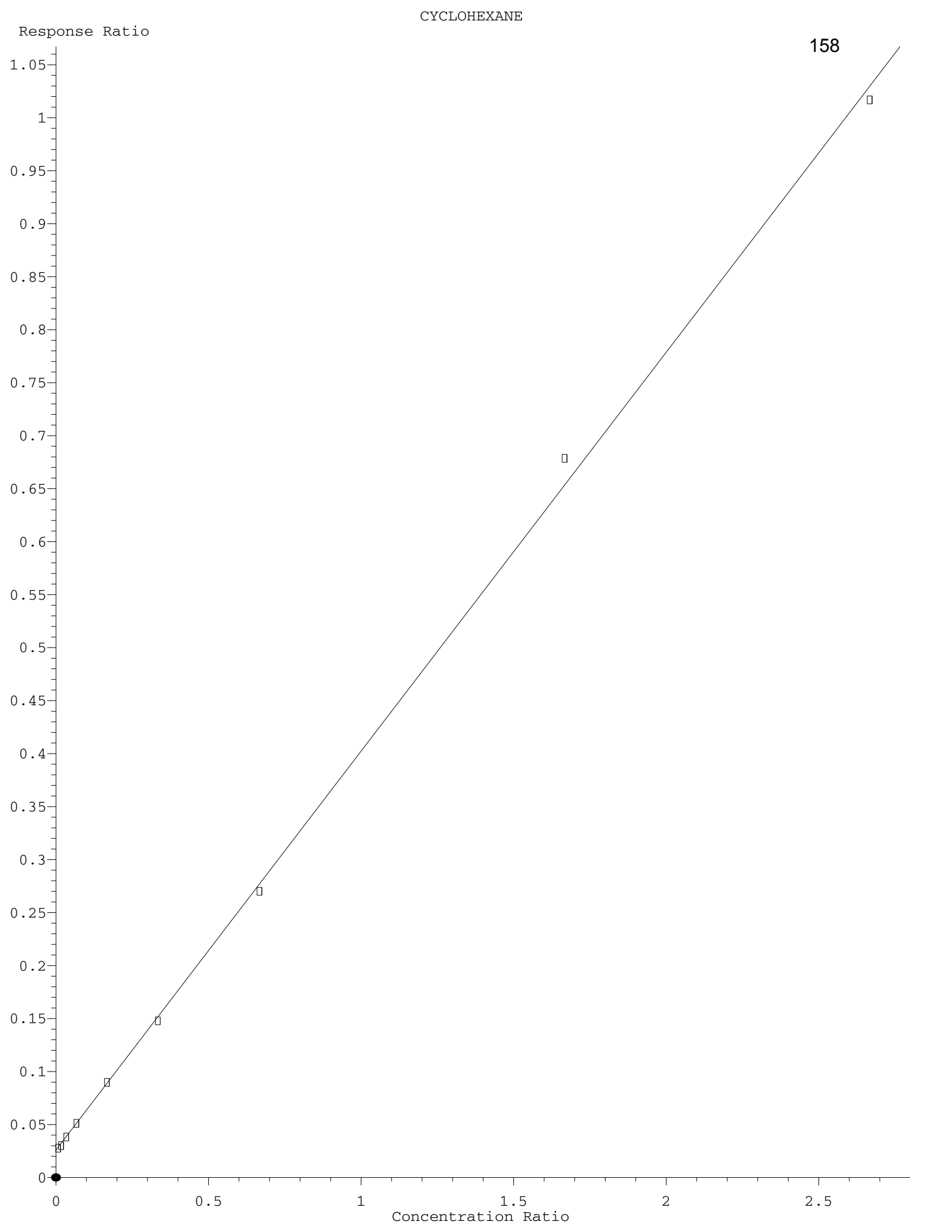
54)		CHLOROBENZENE-D5 ...	----------ISTD----------										
55)	S	4-BROMOFLUOROB...	1.001	0.984	1.007	1.018	0.987	0.998	1.017	0.998	1.003	1.001	1.16
56)	T	CHLOROBENZENE	0.763	0.606	0.722	0.701	0.625	0.639	0.715	0.706	0.647	0.680	7.74
57)		1,1,1,2-TETRAC...	0.333	0.287	0.284	0.282	0.271	0.283	0.318	0.309	0.263	0.292	7.84
58)	C	ETHYLBENZENE	1.253	0.921	1.174	1.142	1.131	1.191	1.339	1.303	1.188	1.182	10.21#
59)		M/P-XYLENES	1.007	0.739	0.983	1.036	0.977	0.979	1.103	1.058	0.981	0.985	10.34
60)		0-XYLENE	0.927	0.764	0.977	0.991	0.963	1.000	1.122	1.102	0.909	0.973	10.91
61)		STYRENE	0.652	0.515	0.696	0.694	0.688	0.690	0.793	0.764	0.631	0.680	11.72
62)	P	BROMOFORM	0.202	0.195	0.197	0.199	0.202	0.212	0.246	0.233	0.188	0.208	9.24
63)		ISOPROPYLBENZENE	0.235	0.192	0.245	0.251	0.247	0.253	0.296	0.276	0.239	0.248	11.47
64)	P	1,1,2,2-TETRAC...	0.244	0.232	0.257	0.231	0.229	0.236	0.276	0.262	0.220	0.243	7.53
65)		1,4-DICHLORO-2...	0.096	0.121	0.122	0.107	0.102	0.111	0.130	0.123	0.107	0.113	9.98
66)		BROMOBENZENE	0.483	0.428	0.493	0.484	0.459	0.470	0.532	0.513	0.449	0.479	6.66
67)		1,2,3-TRICHLOR...		0.098	0.088	0.098	0.089	0.092	0.107	0.097	0.094	0.095	6.27
68)		N-PROPYLBENZENE	1.183	0.981	1.381	1.380	1.339	1.360	1.569	1.533	1.277	1.334	13.26
69)		2-CHLOROT0LUENE	0.967	0.678	0.915	0.856	0.883	0.893	1.017	0.976	0.905	0.899	10.81
70)		1,3,5-TRIMETHY...	0.952	0.799	1.079	1.126	1.108	1.118	1.318	1.257	1.097	1.095	13.93
71)		4-CHLOROTOLUENE	1.011	0.871	1.074	1.134	1.032	1.071	1.225	1.186	1.065	1.074	9.64
72)		1,4-DICHLOROBENZEN...	----------ISTD----------										
73)		TERT-BUTYLBENZENE	0.826	0.636	0.833	0.913	0.915	0.937	1.072	0.997	0.801	0.881	14.30
74)		1,2,4-TRIMETHY...	0.979	0.772	1.069	1.152	1.113	1.145	1.282	1.210	1.052	1.086	13.56
75)		SEC-BUTYLBENZENE	0.236	0.195	0.241	0.240	0.245	0.244	0.280	0.266	0.207	0.239	10.86
76)		1,3-DICHLOROBE...	0.623	0.517	0.608	0.611	0.567	0.568	0.661	0.624	0.557	0.593	7.40
77)		P-ISOPROPYLTOL...	1.158	0.987	1.172	1.211	1.132	1.134	1.295	1.235	1.098	1.158	7.59
78)		1,4-DICHLOROBE...	0.800	0.608	0.663	0.641	0.600	0.596	0.665	0.616	0.601	0.643	10.02
79)		N-BUTYLBENZENE	1.041	0.756	1.035	1.056	1.065	1.111	1.260	1.133	0.977	1.048	12.94
80)		1,2-DICHLOROBE...	0.587	0.462	0.571	0.546	0.521	0.548	0.611	0.574	0.528	0.550	7.92
81)		1,2-DIBROMO-3-...			0.083	0.067	0.067	0.072	0.083	0.078	0.073	0.075	9.02
82)		1,3,5-TRICHLOR...	0.517	0.416	0.524	0.478	0.478	0.492	0.578	0.538	0.454	0.497	9.69
83)		1,2,4-TRICHLOR...	0.429	0.393	0.424	0.418	0.419	0.434	0.490	0.482	0.370	0.429	8.88
84)		HEXACHLOROBUTA...	0.375	0.332	0.402	0.358	0.339	0.344	0.402	0.370	0.348	0.363	7.14
85)		NAPHTHALENE	0.621	0.644	0.716	0.718	0.799	0.868	1.017	0.977	0.656	0.779	0.998LR
86)		1,2,3-TRICHLOR...	0.417	0.340	0.406	0.401	0.400	0.400	0.488	0.433	0.364	0.405	10.25

(#) = Out of Range

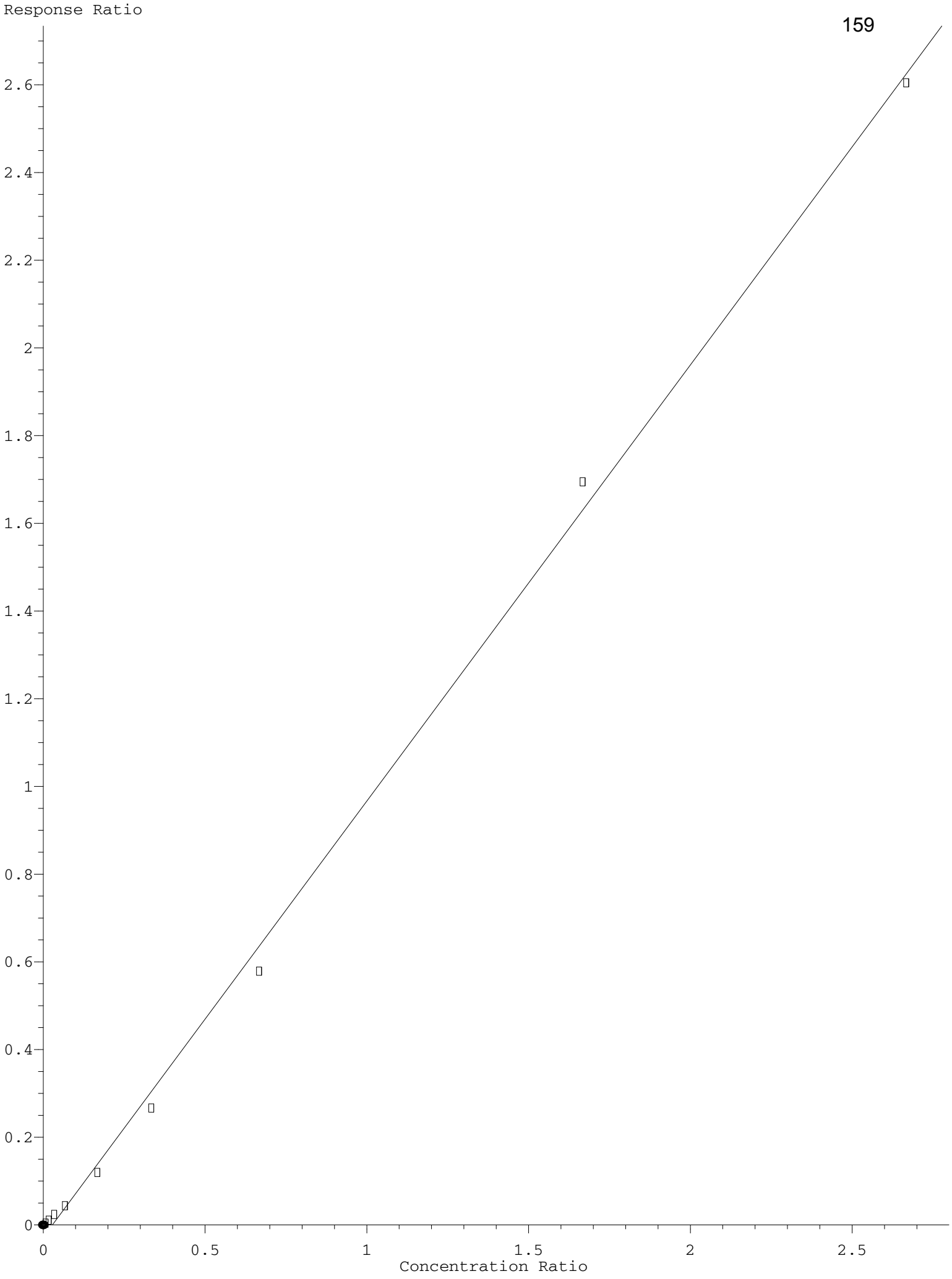
V01219S11.M Thu Feb 16 14:13:07 2012


METHYLENE CHLORIDE
Response Ratio
156
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
Concentration Ratio


TETRAHYDROFURAN
Response Ratio
157
5.00e-002
4.50e-002
4.00e-002
3.50e-002
3.00e-002
2.50e-002
2.00e-002
1.50e-002
1.00e-002
5.00e-003
0
0
0.5
1
1.5
2
2.5
Concentration Ratio


CYCLOHEXANE
Response Ratio
158
1.05
1
0.95
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
Concentration Ratio

NAPHTHALENE

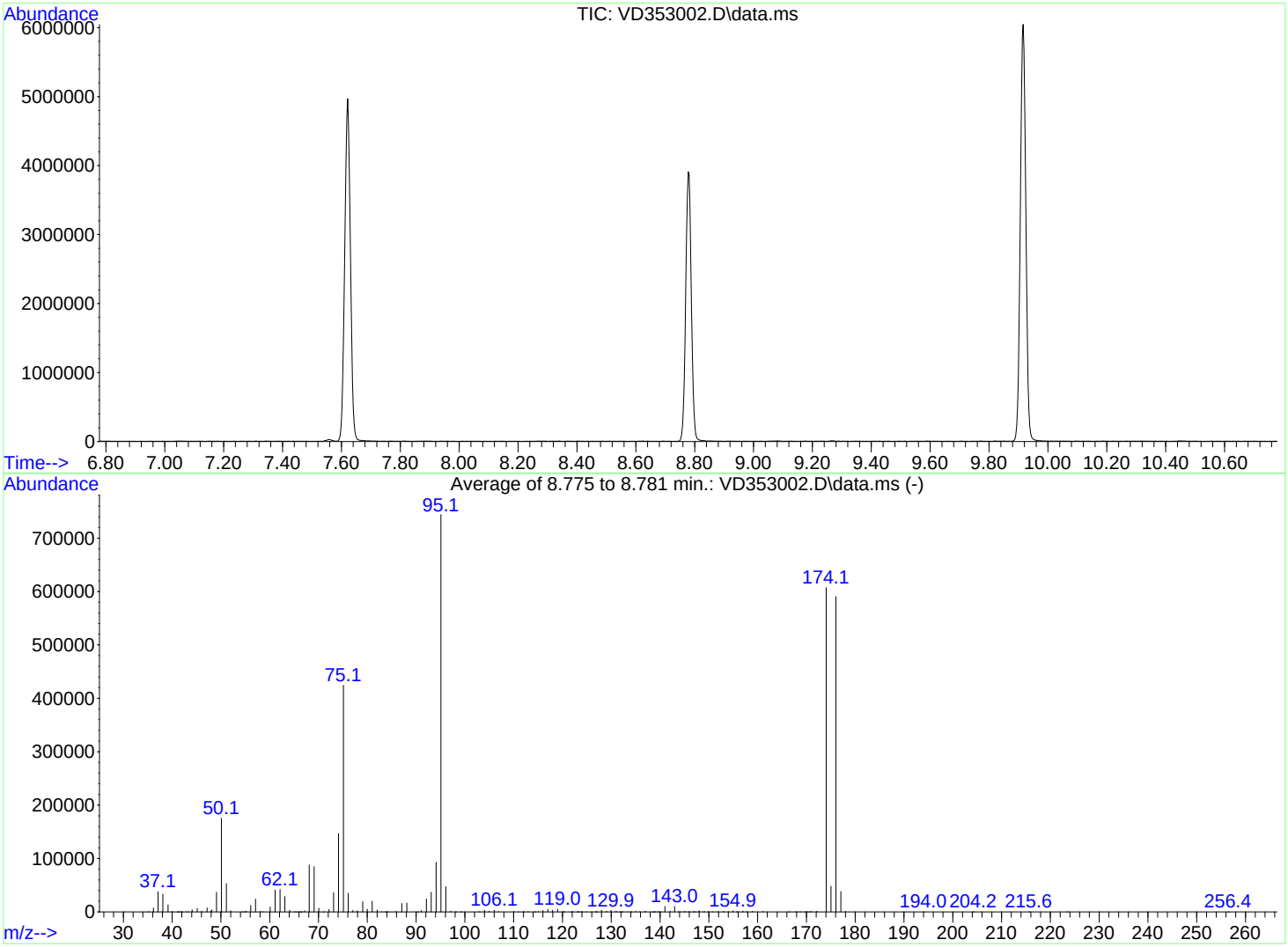


Data Path : Y:\1\DATA\121911\
Data File : VD353002.D
Acq On : 19 Dec 2011 5:24 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

160

Integration File: 8260B.P

Method : Y:\1\METHODS\V0913S11.M
Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
Last Update : Fri Jan 28 15:07:12 2011



Spectrum Information: Average of 8.775 to 8.781 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	175488	PASS
75	95	30	60	57.0	424384	PASS
95	95	100	100	100.0	744043	PASS
96	95	5	9	6.4	47499	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	81.7	607531	PASS
175	174	5	9	7.9	47981	PASS
176	174	95	101	97.2	590613	PASS
177	176	5	9	6.5	38264	PASS

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.10	81	43.40	311	52.00	2071	63.10	28789
36.15	7345	44.10	3852	54.40	127	64.10	2971
37.10	37712	45.15	6711	55.00	983	65.05	259
38.10	33392	46.00	461	55.20	1082	65.30	115
39.15	13200	46.20	277	56.10	12318	65.80	52
40.05	459	47.15	7310	57.10	24075	66.30	63
41.10	57	47.90	1660	58.15	1191	66.50	135
41.30	80	48.15	3949	58.70	187	67.15	2180
41.70	109	49.10	36632	60.10	9205	68.10	87917
42.00	74	50.10	175488	61.10	40813	69.10	84917
42.95	453	51.10	52987	62.10	41989	70.05	6922

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
71.00	59	82.05	3603	93.10	36773	106.05	3334
72.15	4738	83.00	615	94.10	92851	106.90	905
73.10	35917	83.70	74	95.10	744043	110.05	811
74.10	146837	84.10	151	96.10	47499	110.95	494
75.10	424384	85.75	378	97.10	1725	111.90	53
76.10	34787	86.00	272	98.10	58	112.15	271
77.05	2799	87.05	15903	99.10	58	112.95	771
77.95	2098	88.10	16745	102.85	365	114.30	66
79.05	19131	90.30	79	103.05	229	115.00	802
80.00	5114	91.05	2580	104.00	3170	116.00	2715
81.00	20181	92.10	24272	104.95	1095	117.00	4841

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
117.95	3205	125.95	227	134.00	70	141.00	10273
119.00	4966	126.75	86	135.05	1271	142.05	1115
120.00	112	127.00	59	135.85	318	143.00	10358
120.20	97	128.00	2967	136.90	514	143.80	437
121.80	71	129.05	1434	137.05	1144	144.15	640
122.00	68	129.95	2749	138.50	92	144.95	967
123.00	134	130.85	860	138.80	66	145.30	182
123.30	149	131.10	542	139.00	183	145.90	734
123.90	95	131.75	115	139.50	90	146.10	203
124.05	183	132.20	63	139.90	237	146.80	127
124.95	227	133.50	255	140.10	235	147.00	238

Average of 8.775 to 8.781 min.: VD353002.D\data.ms
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
147.30	180	154.00	655	168.80	226	177.05	38264
147.90	520	154.95	2023	169.70	69	178.05	1058
148.05	1837	155.70	120	170.10	118	194.00	72
148.95	606	156.05	281	170.60	71	204.20	62
149.20	200	157.00	1482	170.90	197	215.60	88
149.95	946	157.70	77	171.10	343	223.40	68
150.80	184	158.95	1470	172.10	643	256.45	141
151.80	397	161.05	1100	172.30	485		
152.00	163	166.40	108	174.05	607531		
152.90	426	167.80	95	175.05	47981		
153.15	310	168.40	194	176.05	590613		

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1506308	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2010490	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1187782	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1195219	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	869523	34.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 136.08%#				
34) TOLUENE SS	6.224	98	1940255	26.85	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.40%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	990530	23.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.051	85	4240m	0.31	UG/L		
4) CHLOROMETHANE	1.154	50	3262	N.D.			
5) VINYL CHLORIDE	1.216	62	2202	N.D.			
6) BROMOMETHANE	1.394	94	6703m	1.20	UG/L		
7) CHLOROETHANE	1.455	64	1141	0.21	UG/L		63
8) TRICHLOROFLUOROMETHANE	1.609	101	5110	0.26	UG/L		84
9) DI ETHYL ETHER	1.801	74	1174m	0.28	UG/L		
10) ACETONE	1.980	43	10055	2.46	UG/L		87
11) 1,1-DICHLOROETHENE	1.941	61	3422	N.D.			
12) 1,1,2-TRICL-1,2,2-TRIF...	1.935	101	1792	N.D.			
13) T-BUTYL ALCOHOL	2.395	59	8961	4.67	UG/L	#	60
14) ACRYLONITRILE	2.504	53	746	N.D.			
15) METHYLENE CHLORIDE	2.292	49	54700	0.60	UG/L		97
16) CARBON DISULFIDE	2.102	76	47039	1.87	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.521	73	5014	N.D.			
18) TRANS 1,2-DICHLOROETHENE	2.523	61	3282	N.D.			
19) 1,1-DICHLOROETHANE	2.914	63	4124	N.D.			
20) DI ISOPROPYL ETHER	2.992	45	7653	N.D.			
21) 2-BUTANONE	3.533	43	10703	1.32	UG/L		95
22) T-BUTYL ETHYL ETHER	3.382	59	6467	N.D.			
23) CIS-1,2-DICHLOROETHENE	3.511	61	4374	N.D.			
24) 2,2-DICHLOROPROPANE	3.516	77	4093m	0.20	UG/L		
25) BROMOCHLOROMETHANE	3.748	128	1020	N.D.			
26) TETRAHYDROFURAN	0.000		0	N.D.			
27) CHLOROFORM	3.834	83	5048m	0.21	UG/L		
28) 1,1,1-TRICHLOROETHANE	4.013	97	4657	N.D.			
29) CARBON TETRACHLORIDE	4.177	117	5694m	0.25	UG/L		
30) 1,1-DICHLOROPROPENE	4.174	77	1181m	0.21	UG/L		
31) BENZENE	4.381	78	6560	N.D.			
32) T-AMYLMETHYL ETHER	4.520	73	4208	N.D.			
35) 1,2-DICHLOROETHANE	4.406	62	4732	0.24	UG/L	#	76
36) TRICHLOROETHENE	5.033	95	2252	N.D.			
37) 1,2-DICHLOROPROPANE	5.245	63	1881	N.D.			
38) DIBROMOMETHANE	5.357	93	982	N.D.			
39) 1,4-DIOXANE	0.000		0	N.D.			
40) BROMODICHLOROMETHANE	5.516	83	3198	N.D.			
41) MIBK	6.132	43	18795	1.33	UG/L		91
42) CIS-1,3-DICHLOROPROPENE	5.973	75	2648	N.D.			
43) TOLUENE	6.285	91	10004	N.D.			
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	2518	N.D.			
45) 1,1,2-TRICHLOROETHANE	6.687	83	1360	N.D.			
46) 2-HEXANONE	6.957	43	13688	1.34	UG/L		97
47) TETRACHLOROETHENE	6.818	166	2672	N.D.			

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

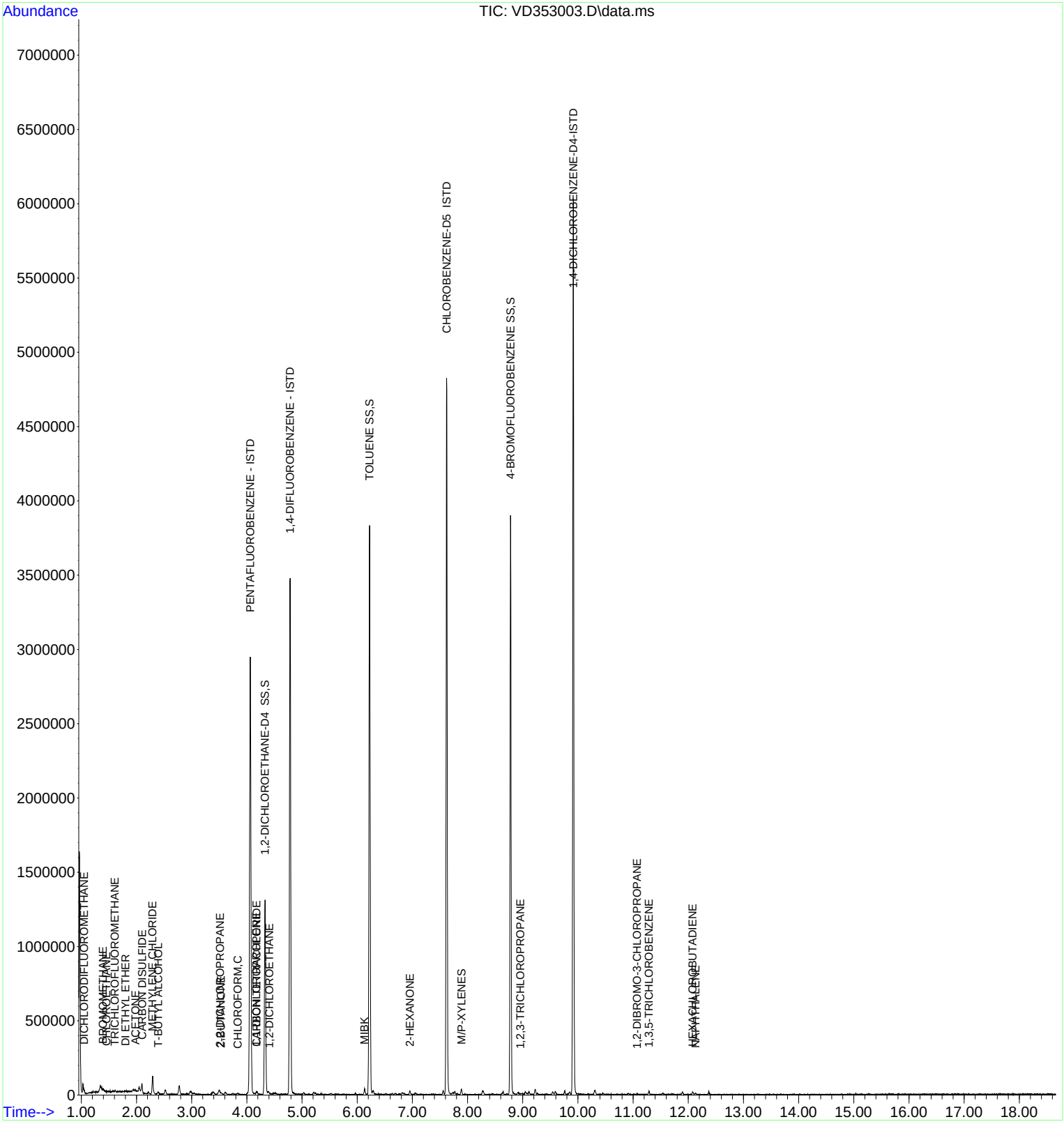
Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	2801	N.D.	
49) DIBROMOCHLOROMETHANE	7.061	129	2551	N.D.	
50) 1,2-DIBROMOETHANE	7.161	107	1533	N.D.	
53) CHLOROBENZENE	7.646	112	6038	N.D.	
54) 1,1,1,2-TETRACHLOROETHANE	7.730	131	2638	N.D.	
55) ETHYLBENZENE	7.772	91	9920	N.D.	
56) M/P-XYLENES	7.892	91	15954	0.29 UG/L	85
57) 0-XYLENE	8.268	91	7337	N.D.	
58) STYRENE	8.285	104	5164	N.D.	
59) BROMOFORM	8.455	173	1599	N.D.	
60) ISOPROPYLBENZENE	8.642	120	1864	N.D.	
61) 1,1,2,2-TETRACHLOROETHANE	8.937	83	1935	N.D.	
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	760	N.D.	
63) BROMOBENZENE	8.915	77	3828	N.D.	
64) 1,2,3-TRICHLOROPROPANE	8.960	110	1171m	0.21 UG/L	
65) N-PROPYLBENZENE	9.043	91	9370	N.D.	
66) 2-CHLOROT0LUENE	9.119	91	7656	N.D.	
67) 1,3,5-TRIMETHYLBENZENE	9.233	105	7536	N.D.	
68) 4-CHLOROTOLUENE	9.225	91	8005	N.D.	
70) TERT-BUTYLBENZENE	9.542	119	6582	N.D.	
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	7802	N.D.	
72) SEC-BUTYLBENZENE	9.763	134	1884	N.D.	
73) 1,3-DICHLOROBENZENE	9.852	146	4963	N.D.	
74) P-ISOPROPYLTOLUENE	9.913	119	9231	N.D.	
75) 1,4-DICHLOROBENZENE	9.938	146	6376	N.D.	
76) N-BUTYLBENZENE	10.309	91	8294	N.D.	
77) 1,2-DICHLOROBENZENE	10.301	146	4676	N.D.	
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	522m	0.22 UG/L	
79) 1,3,5-TRICHLOROBENZENE	11.288	180	4118	0.17 UG/L	98
80) 1,2,4-TRICHLOROBENZENE	11.899	180	3421	N.D.	
81) HEXACHLOROBUTADIENE	12.080	225	2987	0.27 UG/L #	43
82) NAPHTHALENE	12.133	128	4946	0.86 UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	3319	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353003.D
Acq On : 19 Dec 2011 5:50 am
Operator : MFF
Sample : 8260 STD 0.2PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 19 06:16:53 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1498965	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2038285	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1210682	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1192715	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	915256	35.98	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.92%#				
34) TOLUENE SS	6.224	98	1994745	27.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.92%				
52) 4-BROMOFLUOROBENZENE SS	8.778	95	992658	23.32	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.28%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	7942m	0.59	UG/L		
4) CHLOROMETHANE	1.154	50	4814	0.27	UG/L		91
5) VINYL CHLORIDE	1.213	62	3494	0.29	UG/L		69
6) BROMOMETHANE	1.397	94	8892m	1.60	UG/L		
7) CHLOROETHANE	1.455	64	2653	0.50	UG/L		99
8) TRICHLOROFLUOROMETHANE	1.614	101	8511	0.44	UG/L		97
9) DI ETHYL ETHER	1.787	74	2022	0.49	UG/L		88
10) ACETONE	1.977	43	18558	4.56	UG/L		92
11) 1,1-DICHLOROETHENE	1.941	61	6893	0.39	UG/L		96
12) 1,1,2-TRICL-1,2,2-TRIF...	1.943	101	4211	0.45	UG/L		78
13) T-BUTYL ALCOHOL	2.390	59	13906	7.28	UG/L	#	75
14) ACRYLONITRILE	2.495	53	2804m	0.44	UG/L		
15) METHYLENE CHLORIDE	2.292	49	58877	0.77	UG/L		96
16) CARBON DISULFIDE	2.099	76	94088	3.77	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.523	73	13016	0.38	UG/L		96
18) TRANS 1,2-DICHLOROETHENE	2.518	61	6972m	0.34	UG/L		
19) 1,1-DICHLOROETHANE	2.911	63	7833	0.31	UG/L		78
20) DI ISOPROPYL ETHER	2.995	45	14311	0.24	UG/L		90
21) 2-BUTANONE	3.533	43	24147	2.99	UG/L		97
22) T-BUTYL ETHYL ETHER	3.374	59	16291m	0.35	UG/L		
23) CIS-1,2-DICHLOROETHENE	3.511	61	8540	0.33	UG/L		81
24) 2,2-DICHLOROPROPANE	3.513	77	8693m	0.43	UG/L		
25) BROMOCHLOROMETHANE	3.745	128	2367m	0.32	UG/L		
26) TETRAHYDROFURAN	3.806	72	625m	0.41	UG/L		
27) CHLOROFORM	3.842	83	9347	0.39	UG/L		95
28) 1,1,1-TRICHLOROETHANE	4.013	97	8564	0.36	UG/L		70
29) CARBON TETRACHLORIDE	4.183	117	8406	0.37	UG/L		45
30) 1,1-DICHLOROPROPENE	4.183	77	2101m	0.37	UG/L		
31) BENZENE	4.389	78	13671	0.27	UG/L		100
32) T-AMYLMETHYL ETHER	4.520	73	9336	0.31	UG/L		79
35) 1,2-DICHLOROETHANE	4.406	62	9860	0.49	UG/L	#	76
36) TRICHLOROETHENE	5.036	95	4453	0.35	UG/L		87
37) 1,2-DICHLOROPROPANE	5.248	63	4178	0.34	UG/L	#	89
38) DIBROMOMETHANE	5.359	93	2811	0.39	UG/L		90
39) 1,4-DIOXANE	0.000		0	N.D.			
40) BROMODICHLOROMETHANE	5.524	83	7654	0.47	UG/L		93
41) MIBK	6.135	43	41963	2.92	UG/L	#	88
42) CIS-1,3-DICHLOROPROPENE	5.967	75	5769	0.35	UG/L		96
43) TOLUENE	6.294	91	16794	0.33	UG/L		100
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	6118	0.43	UG/L		62
45) 1,1,2-TRICHLOROETHANE	6.690	83	2586	0.32	UG/L		84
46) 2-HEXANONE	6.955	43	32702	3.16	UG/L		88
47) TETRACHLOROETHENE	6.818	166	4708m	0.33	UG/L		

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

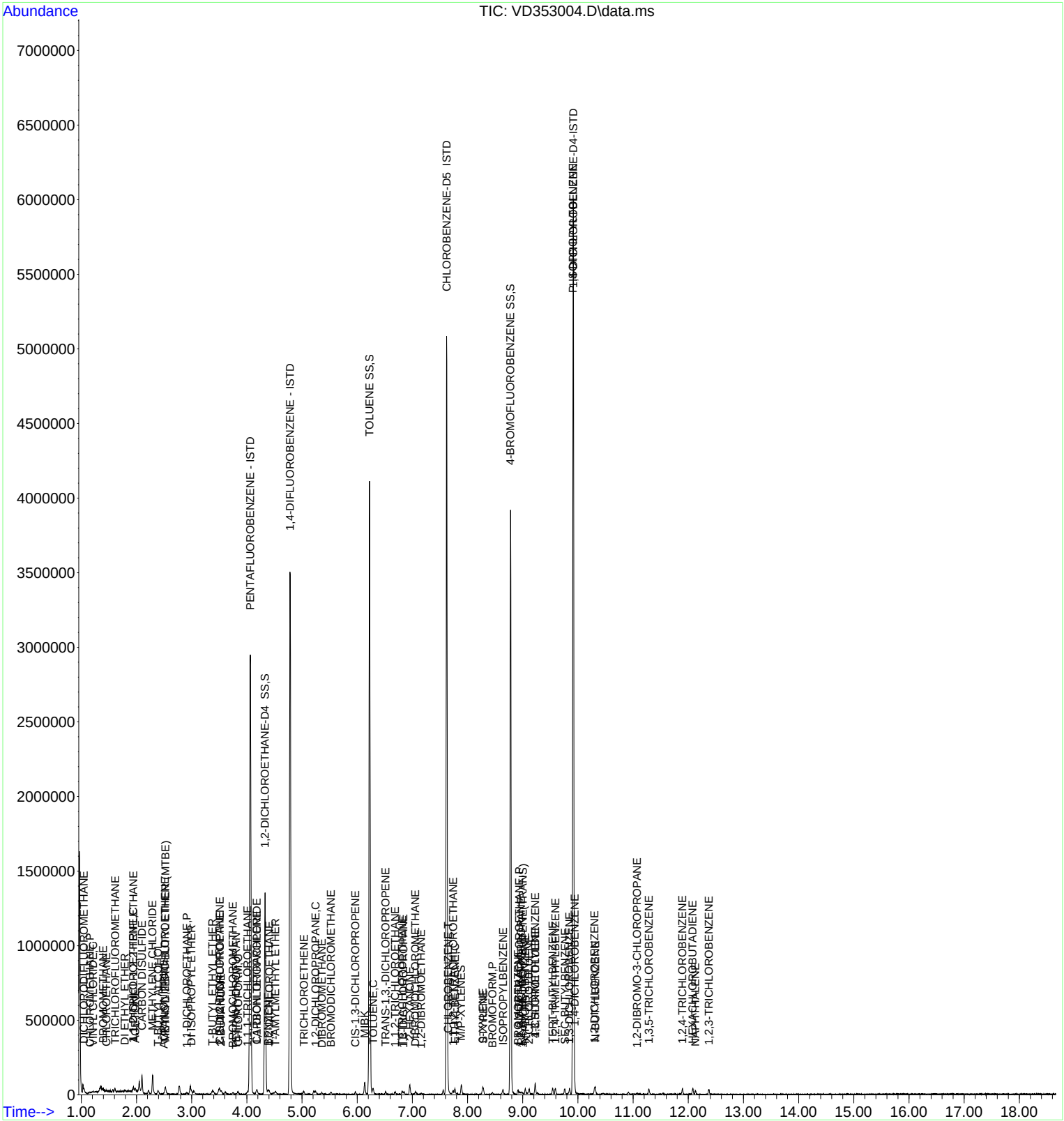
Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.837	76	5464	0.34	UG/L		92
49) DIBROMOCHLOROMETHANE	7.055	129	5194	0.37	UG/L		98
50) 1,2-DIBROMOETHANE	7.158	107	3926	0.36	UG/L	#	99
53) CHLOROBENZENE	7.649	112	12224	0.27	UG/L	#	54
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	5786m	0.34	UG/L		
55) ETHYLBENZENE	7.772	91	18593	0.26	UG/L		86
56) M/P-XYLENES	7.883	91	29829	0.54	UG/L		84
57) 0-XYLENE	8.274	91	15407	0.27	UG/L		83
58) STYRENE	8.287	104	10392	0.23	UG/L		62
59) BROMOFORM	8.449	173	3927	0.41	UG/L	#	93
60) ISOPROPYLBENZENE	8.647	120	3875	0.22	UG/L		86
61) 1,1,2,2-TETRACHLOROETHANE	8.937	83	4685	0.30	UG/L	#	89
62) 1,4-DICHLORO-2-BUTENE(...	9.001	53	2443	0.36	UG/L	#	15
63) BROMOBENZENE	8.915	77	8637	0.33	UG/L		77
64) 1,2,3-TRICHLOROPROPANE	8.971	110	1968m	0.35	UG/L		
65) N-PROPYLBENZENE	9.046	91	19800	0.24	UG/L		94
66) 2-CHLOROT0LUENE	9.116	91	13685	0.27	UG/L		60
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	16128	0.24	UG/L		91
68) 4-CHLOROTOLUENE	9.227	91	17581	0.30	UG/L		81
70) TERT-BUTYLBENZENE	9.542	119	12647	0.27	UG/L		54
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	15356	0.28	UG/L		89
72) SEC-BUTYLBENZENE	9.765	134	3885	0.27	UG/L		91
73) 1,3-DICHLOROBENZENE	9.846	146	10280	0.31	UG/L		97
74) P-ISOPROPYLTOLUENE	9.910	119	19618	0.36	UG/L		75
75) 1,4-DICHLOROBENZENE	9.941	146	12093	0.36	UG/L	#	77
76) N-BUTYLBENZENE	10.318	91	15024	0.30	UG/L		91
77) 1,2-DICHLOROBENZENE	10.301	146	9185	0.30	UG/L		72
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	2078	0.87	UG/L		19
79) 1,3,5-TRICHLOROBENZENE	11.285	180	8274	0.35	UG/L		97
80) 1,2,4-TRICHLOROBENZENE	11.893	180	7817	0.37	UG/L		91
81) HEXACHLOROBUTADIENE	12.080	225	6595	0.59	UG/L	#	43
82) NAPHTHALENE	12.130	128	12801	0.99	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	6751	0.35	UG/L		88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353004.D
Acq On : 19 Dec 2011 6:15 am
Operator : MFF
Sample : 8260 STD 0.5PPB Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 19 06:41:33 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1541593	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2085609	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1207345	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1220803	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	942503	36.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 144.12%#				
34) TOLUENE SS	6.224	98	2036936	27.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.68%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1012741	23.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.44%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	16965	1.22	UG/L		83
4) CHLOROMETHANE	1.149	50	12526	0.68	UG/L		89
5) VINYL CHLORIDE	1.213	62	9455	0.77	UG/L		84
6) BROMOMETHANE	1.394	94	9799	1.72	UG/L		95
7) CHLOROETHANE	1.458	64	5741	1.04	UG/L		81
8) TRICHLOROFLUOROMETHANE	1.611	101	23748	1.19	UG/L		98
9) DI ETHYL ETHER	1.787	74	3726	0.87	UG/L		87
10) ACETONE	1.977	43	35647	8.52	UG/L		93
11) 1,1-DICHLOROETHENE	1.943	61	17300	0.95	UG/L		81
12) 1,1,2-TRICL-1,2,2-TRIF...	1.943	101	10381	1.08	UG/L		92
13) T-BUTYL ALCOHOL	2.392	59	19310	9.84	UG/L		74
14) ACRYLONITRILE	2.498	53	4612m	0.71	UG/L		
15) METHYLENE CHLORIDE	2.295	49	69931	1.12	UG/L		99
16) CARBON DISULFIDE	2.100	76	245450	9.55	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.529	73	27038	0.76	UG/L		57
18) TRANS 1,2-DICHLOROETHENE	2.515	61	17900	0.85	UG/L		90
19) 1,1-DICHLOROETHANE	2.908	63	20841	0.81	UG/L		96
20) DI ISOPROPYL ETHER	2.995	45	36616	0.61	UG/L		92
21) 2-BUTANONE	3.536	43	52731	6.36	UG/L		96
22) T-BUTYL ETHYL ETHER	3.380	59	33884	0.72	UG/L		97
23) CIS-1,2-DICHLOROETHENE	3.511	61	21635	0.82	UG/L		85
24) 2,2-DICHLOROPROPANE	3.502	77	19780	0.95	UG/L		89
25) BROMOCHLOROMETHANE	3.745	128	4812	0.62	UG/L		89
26) TETRAHYDROFURAN	3.820	72	1348m	0.86	UG/L		
27) CHLOROFORM	3.840	83	21904	0.88	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.018	97	24784	1.02	UG/L		77
29) CARBON TETRACHLORIDE	4.174	117	24516m	1.05	UG/L		
30) 1,1-DICHLOROPROPENE	4.180	77	4743m	0.81	UG/L		
31) BENZENE	4.389	78	35156	0.67	UG/L		100
32) T-AMYLMETHYL ETHER	4.523	73	20960	0.67	UG/L		87
35) 1,2-DICHLOROETHANE	4.409	62	22592	1.11	UG/L		83
36) TRICHLOROETHENE	5.028	95	10768	0.82	UG/L		89
37) 1,2-DICHLOROPROPANE	5.256	63	9220	0.74	UG/L	#	89
38) DIBROMOMETHANE	5.357	93	6303	0.85	UG/L		91
39) 1,4-DIOXANE	0.000		0	N.D.			
40) BROMODICHLOROMETHANE	5.527	83	17591	1.05	UG/L		99
41) MIBK	6.135	43	100255	6.82	UG/L		92
42) CIS-1,3-DICHLOROPROPENE	5.973	75	13099	0.78	UG/L		93
43) TOLUENE	6.288	91	42202	0.81	UG/L		97
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	12571	0.86	UG/L		89
45) 1,1,2-TRICHLOROETHANE	6.690	83	6416	0.77	UG/L		96
46) 2-HEXANONE	6.955	43	73077	6.91	UG/L		94
47) TETRACHLOROETHENE	6.812	166	12822	0.88	UG/L		94

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

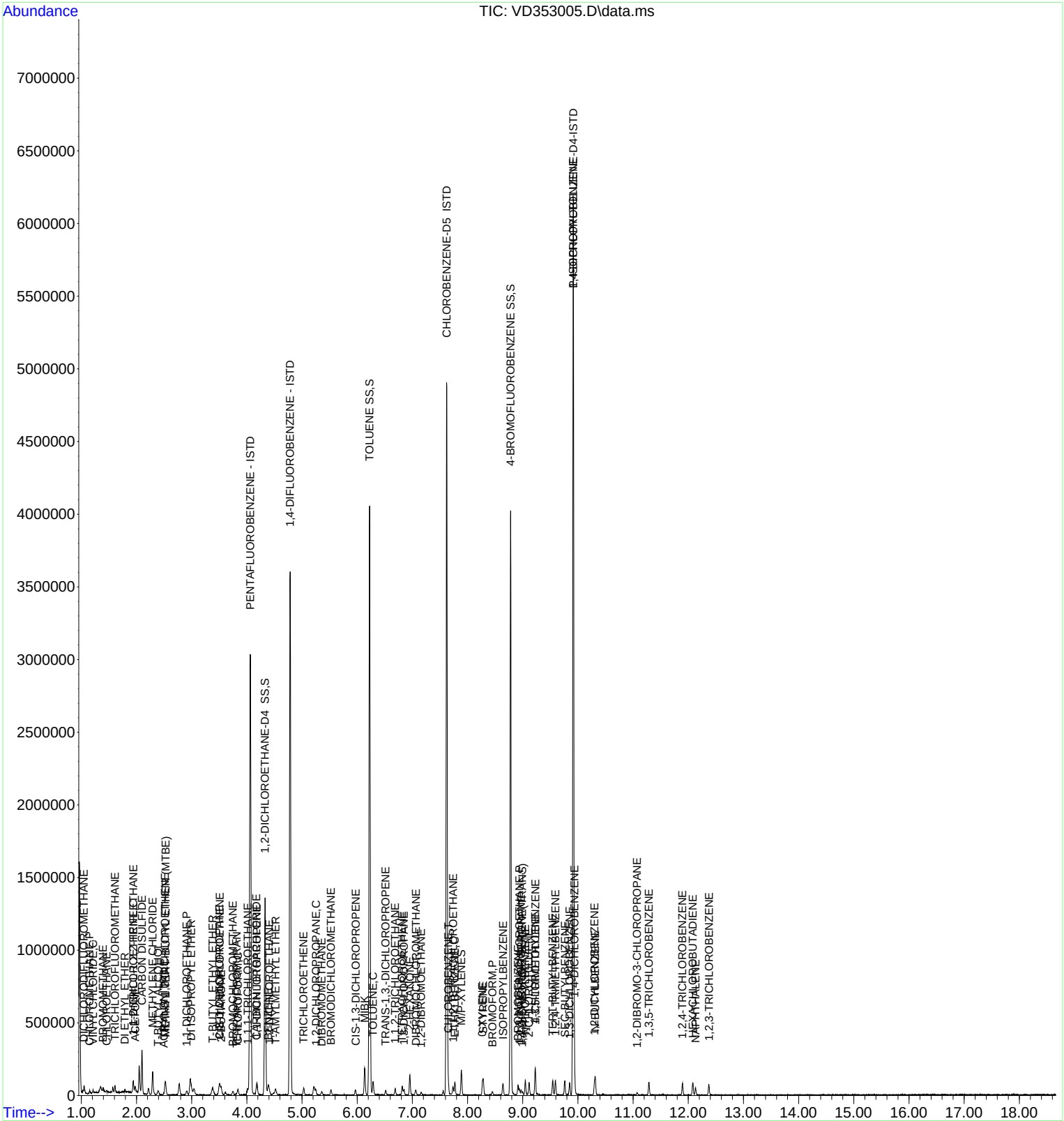
Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	13511	0.82	UG/L		71
49) DIBROMOCHLOROMETHANE	7.066	129	12981	0.91	UG/L		98
50) 1,2-DIBROMOETHANE	7.161	107	8826	0.78	UG/L	#	98
53) CHLOROBENZENE	7.652	112	29045	0.65	UG/L		90
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	11411	0.67	UG/L		97
55) ETHYLBENZENE	7.769	91	47261	0.66	UG/L		94
56) M/P-XYLENES	7.889	91	79148	1.43	UG/L		85
57) 0-XYLENE	8.268	91	39326	0.70	UG/L		83
58) STYRENE	8.285	104	28014	0.63	UG/L		93
59) BROMOFORM	8.449	173	7916	0.84	UG/L		95
60) ISOPROPYLBENZENE	8.644	120	9867	0.56	UG/L		76
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	10328	0.66	UG/L		98
62) 1,4-DICHLORO-2-BUTENE(...	8.990	53	4908m	0.73	UG/L		
63) BROMOBENZENE	8.915	77	19856	0.76	UG/L		80
64) 1,2,3-TRICHLOROPROPANE	8.971	110	3546	0.64	UG/L		66
65) N-PROPYLBENZENE	9.046	91	55585	0.69	UG/L		89
66) 2-CHLOROT0LUENE	9.116	91	36835	0.72	UG/L		83
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	43420	0.66	UG/L		88
68) 4-CHLOROTOLUENE	9.227	91	43220	0.74	UG/L		87
70) TERT-BUTYLBENZENE	9.545	119	33890	0.70	UG/L		69
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	43491	0.76	UG/L		85
72) SEC-BUTYLBENZENE	9.765	134	9825m	0.67	UG/L		
73) 1,3-DICHLOROBENZENE	9.852	146	24735	0.73	UG/L		95
74) P-ISOPROPYLTOLUENE	9.913	119	47704	0.84	UG/L		86
75) 1,4-DICHLOROBENZENE	9.938	146	26997	0.79	UG/L	#	72
76) N-BUTYLBENZENE	10.315	91	42112	0.82	UG/L		86
77) 1,2-DICHLOROBENZENE	10.301	146	23249	0.74	UG/L		93
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	3359	1.37	UG/L		51
79) 1,3,5-TRICHLOROBENZENE	11.288	180	21333	0.88	UG/L		99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	17269	0.79	UG/L		97
81) HEXACHLOROBUTADIENE	12.083	225	16364	1.43	UG/L		66
82) NAPHTHALENE	12.133	128	29144	1.23	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	16518	0.83	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353005.D
Acq On : 19 Dec 2011 6:41 am
Operator : MFF
Sample : 8260 STD 1.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 19 07:10:16 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1508979	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2100922	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1203776	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1223896	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	922270	36.02	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 144.08%#				
34) TOLUENE SS	6.224	98	2044102	27.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.28%				
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1006457	23.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	30414	2.23	UG/L		88
4) CHLOROMETHANE	1.152	50	22078	1.22	UG/L		97
5) VINYL CHLORIDE	1.210	62	19212	1.60	UG/L		92
6) BROMOMETHANE	1.397	94	17102m	3.06	UG/L		
7) CHLOROETHANE	1.455	64	9999	1.86	UG/L		95
8) TRICHLOROFLUOROMETHANE	1.612	101	40322	2.06	UG/L		98
9) DI ETHYL ETHER	1.787	74	6887	1.65	UG/L		88
10) ACETONE	1.974	43	60568	14.79	UG/L		95
11) 1,1-DICHLOROETHENE	1.941	61	29981	1.68	UG/L		88
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	18823	2.00	UG/L		92
13) T-BUTYL ALCOHOL	2.392	59	27601	14.36	UG/L		95
14) ACRYLONITRILE	2.498	53	7626m	1.20	UG/L		
15) METHYLENE CHLORIDE	2.292	49	74374	1.35	UG/L		98
16) CARBON DISULFIDE	2.100	76	443202	17.62	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.529	73	49149	1.41	UG/L		88
18) TRANS 1,2-DICHLOROETHENE	2.521	61	32419	1.56	UG/L		86
19) 1,1-DICHLOROETHANE	2.908	63	36952	1.46	UG/L		95
20) DI ISOPROPYL ETHER	2.998	45	69523	1.18	UG/L		97
21) 2-BUTANONE	3.530	43	91354	11.26	UG/L		83
22) T-BUTYL ETHYL ETHER	3.374	59	62006	1.34	UG/L		86
23) CIS-1,2-DICHLOROETHENE	3.508	61	37665	1.46	UG/L		85
24) 2,2-DICHLOROPROPANE	3.505	77	36442	1.79	UG/L		69
25) BROMOCHLOROMETHANE	3.745	128	8807	1.17	UG/L		93
26) TETRAHYDROFURAN	3.801	72	2266m	1.48	UG/L		
27) CHLOROFORM	3.843	83	39588	1.63	UG/L		96
28) 1,1,1-TRICHLOROETHANE	4.010	97	44022	1.85	UG/L		94
29) CARBON TETRACHLORIDE	4.180	117	36750	1.61	UG/L		88
30) 1,1-DICHLOROPROPENE	4.183	77	7936	1.39	UG/L		67
31) BENZENE	4.384	78	64201	1.25	UG/L		100
32) T-AMYLMETHYL ETHER	4.526	73	36894	1.20	UG/L		82
35) 1,2-DICHLOROETHANE	4.403	62	41768	2.03	UG/L		88
36) TRICHLOROETHENE	5.033	95	21295	1.61	UG/L		81
37) 1,2-DICHLOROPROPANE	5.248	63	16073	1.28	UG/L	#	89
38) DIBROMOMETHANE	5.357	93	12246	1.63	UG/L		83
39) 1,4-DIOXANE	5.404	88	1745m	7.78	UG/L		
40) BROMODICHLOROMETHANE	5.524	83	32461	1.92	UG/L		97
41) MIBK	6.135	43	187946	12.68	UG/L		92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	24442	1.45	UG/L		92
43) TOLUENE	6.291	91	75701	1.43	UG/L		100
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	23943	1.62	UG/L		84
45) 1,1,2-TRICHLOROETHANE	6.684	83	11008	1.31	UG/L		89
46) 2-HEXANONE	6.952	43	136823	12.84	UG/L		94
47) TETRACHLOROETHENE	6.818	166	22557	1.53	UG/L		97

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

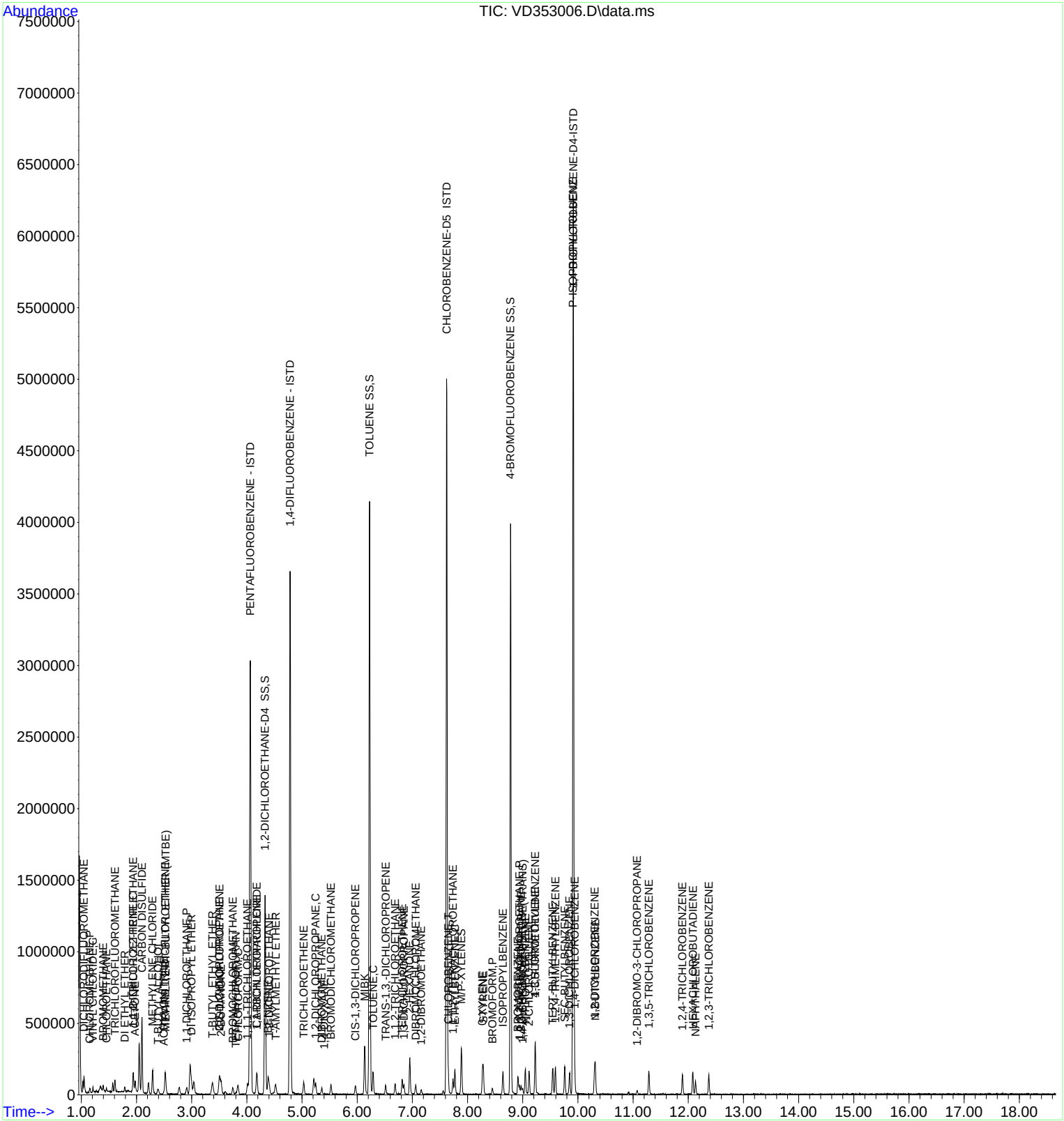
Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	24326	1.47	UG/L		95
49) DIBROMOCHLOROMETHANE	7.061	129	23989	1.67	UG/L		96
50) 1,2-DIBROMOETHANE	7.161	107	15941	1.41	UG/L	#	96
53) CHLOROBENZENE	7.652	112	51950	1.16	UG/L		85
54) 1,1,1,2-TETRACHLOROETHANE	7.735	131	21083	1.25	UG/L		93
55) ETHYLBENZENE	7.772	91	95351	1.34	UG/L		88
56) M/P-XYLENES	7.889	91	157521	2.85	UG/L		86
57) 0-XYLENE	8.268	91	72953	1.30	UG/L		86
58) STYRENE	8.288	104	50630	1.15	UG/L		61
59) BROMOFORM	8.449	173	15054	1.59	UG/L		93
60) ISOPROPYLBENZENE	8.642	120	19187	1.10	UG/L		80
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	17672	1.14	UG/L		96
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	8576	1.29	UG/L		59
63) BROMOBENZENE	8.912	77	36008	1.38	UG/L		82
64) 1,2,3-TRICHLOROPROPANE	8.971	110	7526	1.36	UG/L		98
65) N-PROPYLBENZENE	9.049	91	102454	1.27	UG/L		92
66) 2-CHLOROT0LUENE	9.116	91	72651	1.42	UG/L		80
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	88034	1.34	UG/L		88
68) 4-CHLOROTOLUENE	9.225	91	85467	1.46	UG/L		83
70) TERT-BUTYLBENZENE	9.543	119	65362	1.35	UG/L		68
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	85810	1.50	UG/L		85
72) SEC-BUTYLBENZENE	9.763	134	16859	1.14	UG/L		57
73) 1,3-DICHLOROBENZENE	9.846	146	45441	1.34	UG/L		93
74) P-ISOPROPYLTOLUENE	9.911	119	89602	1.58	UG/L		87
75) 1,4-DICHLOROBENZENE	9.941	146	49041	1.43	UG/L		91
76) N-BUTYLBENZENE	10.318	91	79695	1.55	UG/L		88
77) 1,2-DICHLOROBENZENE	10.304	146	43099	1.36	UG/L		92
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	5946	2.42	UG/L		44
79) 1,3,5-TRICHLOROBENZENE	11.288	180	37026	1.52	UG/L		99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	30166	1.38	UG/L		91
81) HEXACHLOROBUTADIENE	12.086	225	28397	2.48	UG/L		83
82) NAPHTHALENE	12.133	128	53548	1.60	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	29689	1.48	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353006.D
Acq On : 19 Dec 2011 7:06 am
Operator : MFF
Sample : 8260 STD 2.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 19 07:27:32 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.066	168	1525621	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2089187	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1200535	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1194086	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	930553	35.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.76%#			
34) TOLUENE SS	6.224	98	2061889	27.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.84%			
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1018945	24.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.56%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	80852	5.86	UG/L	79
4) CHLOROMETHANE	1.157	50	54537	2.99	UG/L	99
5) VINYL CHLORIDE	1.210	62	54090	4.45	UG/L	91
6) BROMOMETHANE	1.397	94	30691	5.44	UG/L	95
7) CHLOROETHANE	1.455	64	25567	4.70	UG/L	96
8) TRICHLOROFLUOROMETHANE	1.612	101	99817	5.05	UG/L	97
9) DI ETHYL ETHER	1.790	74	17981	4.26	UG/L	90
10) ACETONE	1.977	43	134216	32.41	UG/L	92
11) 1,1-DICHLOROETHENE	1.943	61	80167	4.45	UG/L	91
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	48608	5.10	UG/L	95
13) T-BUTYL ALCOHOL	2.390	59	62978	32.42	UG/L	92
14) ACRYLONITRILE	2.493	53	18247	2.84	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	134541	3.59	UG/L	96
16) CARBON DISULFIDE	2.100	76	1194415	46.97	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.529	73	132073	3.76	UG/L	91
18) TRANS 1,2-DICHLOROETHENE	2.521	61	87582	4.18	UG/L	85
19) 1,1-DICHLOROETHANE	2.911	63	94552	3.69	UG/L	97
20) DI ISOPROPYL ETHER	2.995	45	178475	2.99	UG/L	96
21) 2-BUTANONE	3.536	43	247070	30.11	UG/L	98
22) T-BUTYL ETHYL ETHER	3.377	59	167289	3.58	UG/L	94
23) CIS-1,2-DICHLOROETHENE	3.505	61	96575	3.69	UG/L	85
24) 2,2-DICHLOROPROPANE	3.502	77	92407	4.49	UG/L	81
25) BROMOCHLOROMETHANE	3.750	128	22528	2.95	UG/L	91
26) TETRAHYDROFURAN	3.803	72	3300	2.13	UG/L	56
27) CHLOROFORM	3.840	83	106252	4.32	UG/L	96
28) 1,1,1-TRICHLOROETHANE	4.018	97	113438	4.72	UG/L	97
29) CARBON TETRACHLORIDE	4.177	117	110046	4.78	UG/L	100
30) 1,1-DICHLOROPROPENE	4.183	77	22968	3.98	UG/L	89
31) BENZENE	4.386	78	158144	3.05	UG/L	100
32) T-AMYLMETHYL ETHER	4.515	73	103781	3.35	UG/L	87
35) 1,2-DICHLOROETHANE	4.406	62	106092	5.19	UG/L	89
36) TRICHLOROETHENE	5.028	95	54023	4.12	UG/L	80
37) 1,2-DICHLOROPROPANE	5.245	63	46062	3.69	UG/L	99
38) DIBROMOMETHANE	5.357	93	29427	3.95	UG/L	90
39) 1,4-DIOXANE	5.393	88	4384m	27.15	UG/L	
40) BROMODICHLOROMETHANE	5.524	83	81879	4.87	UG/L	98
41) MIBK	6.135	43	506865	34.40	UG/L	91
42) CIS-1,3-DICHLOROPROPENE	5.970	75	65410	3.90	UG/L	90
43) TOLUENE	6.285	91	184940	3.52	UG/L	99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	64246	4.38	UG/L	80
45) 1,1,2-TRICHLOROETHANE	6.687	83	30072	3.60	UG/L	99
46) 2-HEXANONE	6.952	43	352188	33.24	UG/L	95
47) TETRACHLOROETHENE	6.815	166	57324	3.91	UG/L	97

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

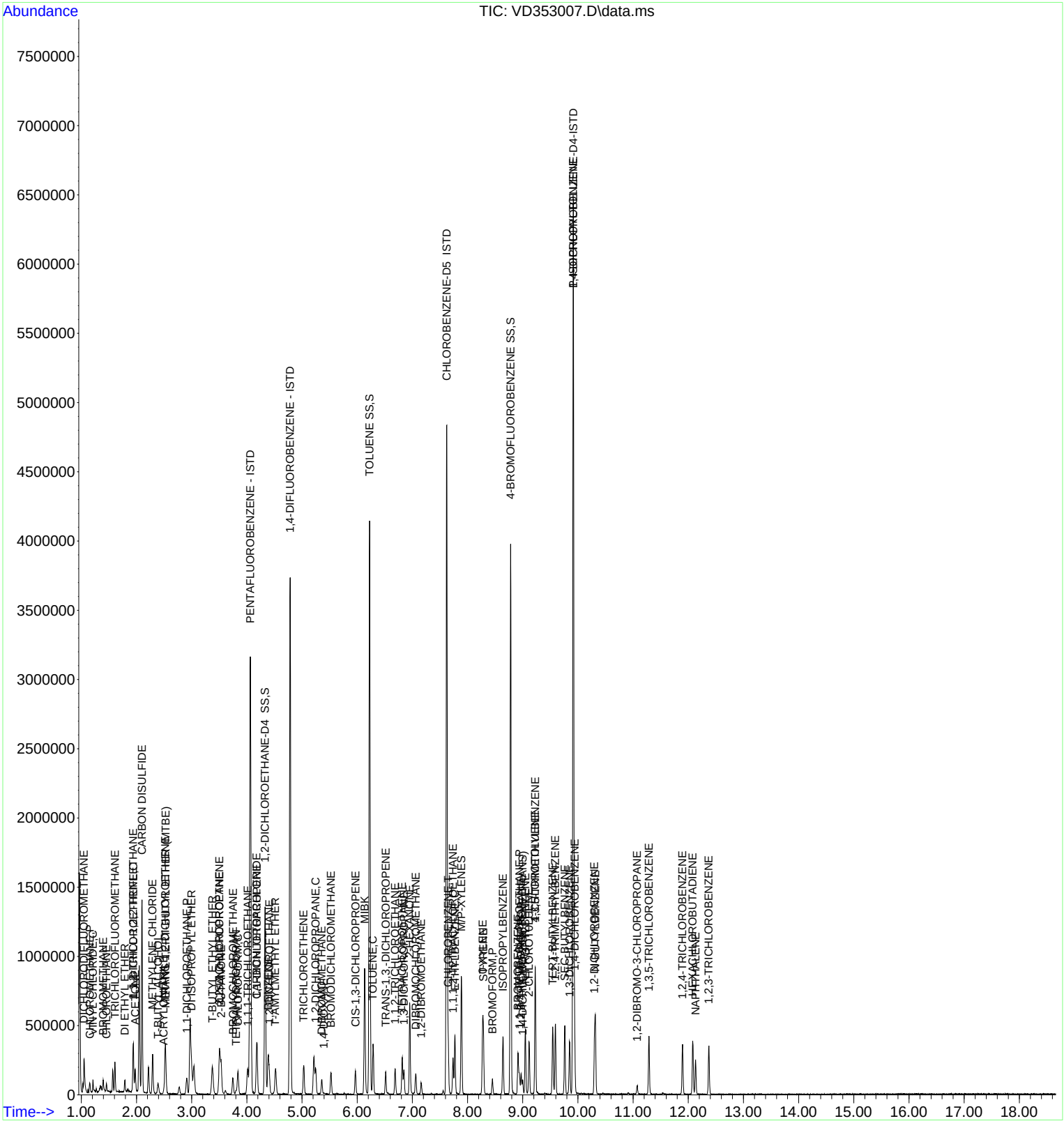
Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	62921	3.81	UG/L	97
49) DIBROMOCHLOROMETHANE	7.063	129	61837	4.32	UG/L	100
50) 1,2-DIBROMOETHANE	7.158	107	41166	3.65	UG/L	93
53) CHLOROBENZENE	7.649	112	140356	3.15	UG/L	74
54) 1,1,1,2-TETRACHLOROETHANE	7.735	131	56525	3.35	UG/L	94
55) ETHYLBENZENE	7.772	91	228406	3.21	UG/L	89
56) M/P-XYLENES	7.886	91	414511	7.52	UG/L	84
57) 0-XYLENE	8.274	91	198261	3.55	UG/L	83
58) STYRENE	8.288	104	138807	3.16	UG/L	58
59) BROMOFORM	8.452	173	39738	4.22	UG/L	96
60) ISOPROPYLBENZENE	8.642	120	50235	2.88	UG/L	70
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	46209	2.99	UG/L	97
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	21428	3.23	UG/L	68
63) BROMOBENZENE	8.912	77	96789	3.71	UG/L	77
64) 1,2,3-TRICHLOROPROPANE	8.971	110	19677	3.57	UG/L	89
65) N-PROPYLBENZENE	9.049	91	276122	3.43	UG/L	92
66) 2-CHLOROT0LUENE	9.113	91	171362	3.36	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	225320	3.43	UG/L	87
68) 4-CHLOROTOLUENE	9.225	91	226898	3.89	UG/L	81
70) TERT-BUTYLBENZENE	9.545	119	181725	3.85	UG/L	74
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	229268	4.12	UG/L	86
72) SEC-BUTYLBENZENE	9.763	134	47855	3.32	UG/L	68
73) 1,3-DICHLOROBENZENE	9.849	146	121563	3.66	UG/L	96
74) P-ISOPROPYLTOLUENE	9.913	119	240995	4.36	UG/L	86
75) 1,4-DICHLOROBENZENE	9.941	146	127665	3.82	UG/L	85
76) N-BUTYLBENZENE	10.318	91	210195	4.18	UG/L	88
77) 1,2-DICHLOROBENZENE	10.298	146	108712	3.52	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	13293	5.54	UG/L	55
79) 1,3,5-TRICHLOROBENZENE	11.288	180	95191	4.02	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	83286	3.91	UG/L	94
81) HEXACHLOROBUTADIENE	12.080	225	71246	6.37	UG/L	82
82) NAPHTHALENE	12.133	128	142805	3.00	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.370	180	79791	4.08	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353007.D
Acq On : 19 Dec 2011 7:32 am
Operator : MFF
Sample : 8260 STD 5.0PPB Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 19 07:55:22 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1554324	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2191065	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1264663	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1239829	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	965097	36.59	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 146.36%#			
34) TOLUENE SS	6.224	98	2130051	27.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.20%			
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1040414	23.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	170056m	12.10	UG/L	
4) CHLOROMETHANE	1.154	50	106272	5.71	UG/L	96
5) VINYL CHLORIDE	1.213	62	104623	8.44	UG/L	98
6) BROMOMETHANE	1.394	94	64409m	11.20	UG/L	
7) CHLOROETHANE	1.455	64	51095	9.22	UG/L	96
8) TRICHLOROFLUOROMETHANE	1.609	101	195555	9.71	UG/L	99
9) DI ETHYL ETHER	1.790	74	34639	8.06	UG/L	90
10) ACETONE	1.977	43	245839	58.27	UG/L	94
11) 1,1-DICHLOROETHENE	1.941	61	158755	8.64	UG/L	89
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	91958	9.48	UG/L	94
13) T-BUTYL ALCOHOL	2.392	59	122664	61.97	UG/L	97
14) ACRYLONITRILE	2.495	53	37742	5.78	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	216175	6.53	UG/L	98
16) CARBON DISULFIDE	2.099	76	2349642	90.69	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.532	73	275867	7.70	UG/L	87
18) TRANS 1,2-DICHLOROETHENE	2.521	61	175391	8.21	UG/L	83
19) 1,1-DICHLOROETHANE	2.911	63	185360	7.11	UG/L	97
20) DI ISOPROPYL ETHER	3.000	45	373155	6.13	UG/L	97
21) 2-BUTANONE	3.530	43	493063	58.98	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	342419	7.19	UG/L	95
23) CIS-1,2-DICHLOROETHENE	3.508	61	205549	7.71	UG/L	80
24) 2,2-DICHLOROPROPANE	3.502	77	191230	9.11	UG/L	83
25) BROMOCHLOROMETHANE	3.745	128	43004	5.54	UG/L	91
26) TETRAHYDROFURAN	3.798	72	9992m	6.32	UG/L	
27) CHLOROFORM	3.840	83	200866	8.02	UG/L	100
28) 1,1,1-TRICHLOROETHANE	4.015	97	220874	9.02	UG/L	98
29) CARBON TETRACHLORIDE	4.180	117	217148	9.26	UG/L	100
30) 1,1-DICHLOROPROPENE	4.185	77	41669	7.09	UG/L	82
31) BENZENE	4.386	78	315037	5.97	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	217557	6.89	UG/L	90
35) 1,2-DICHLOROETHANE	4.406	62	210180	9.81	UG/L	88
36) TRICHLOROETHENE	5.033	95	106155	7.71	UG/L	81
37) 1,2-DICHLOROPROPANE	5.248	63	90604	6.93	UG/L	99
38) DIBROMOMETHANE	5.359	93	58052	7.43	UG/L	89
39) 1,4-DIOXANE	5.401	88	9604m	62.05	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	173559	9.85	UG/L	98
41) MIBK	6.135	43	1046093	67.70	UG/L	92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	134730	7.66	UG/L	88
43) TOLUENE	6.288	91	384413	6.98	UG/L	98
44) TRANS-1,3,-DICHLOROPRO...	6.514	75	131384	8.54	UG/L	81
45) 1,1,2-TRICHLOROETHANE	6.684	83	59730	6.81	UG/L	99
46) 2-HEXANONE	6.952	43	746341	67.16	UG/L	95
47) TETRACHLOROETHENE	6.818	166	114800	7.47	UG/L	95

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

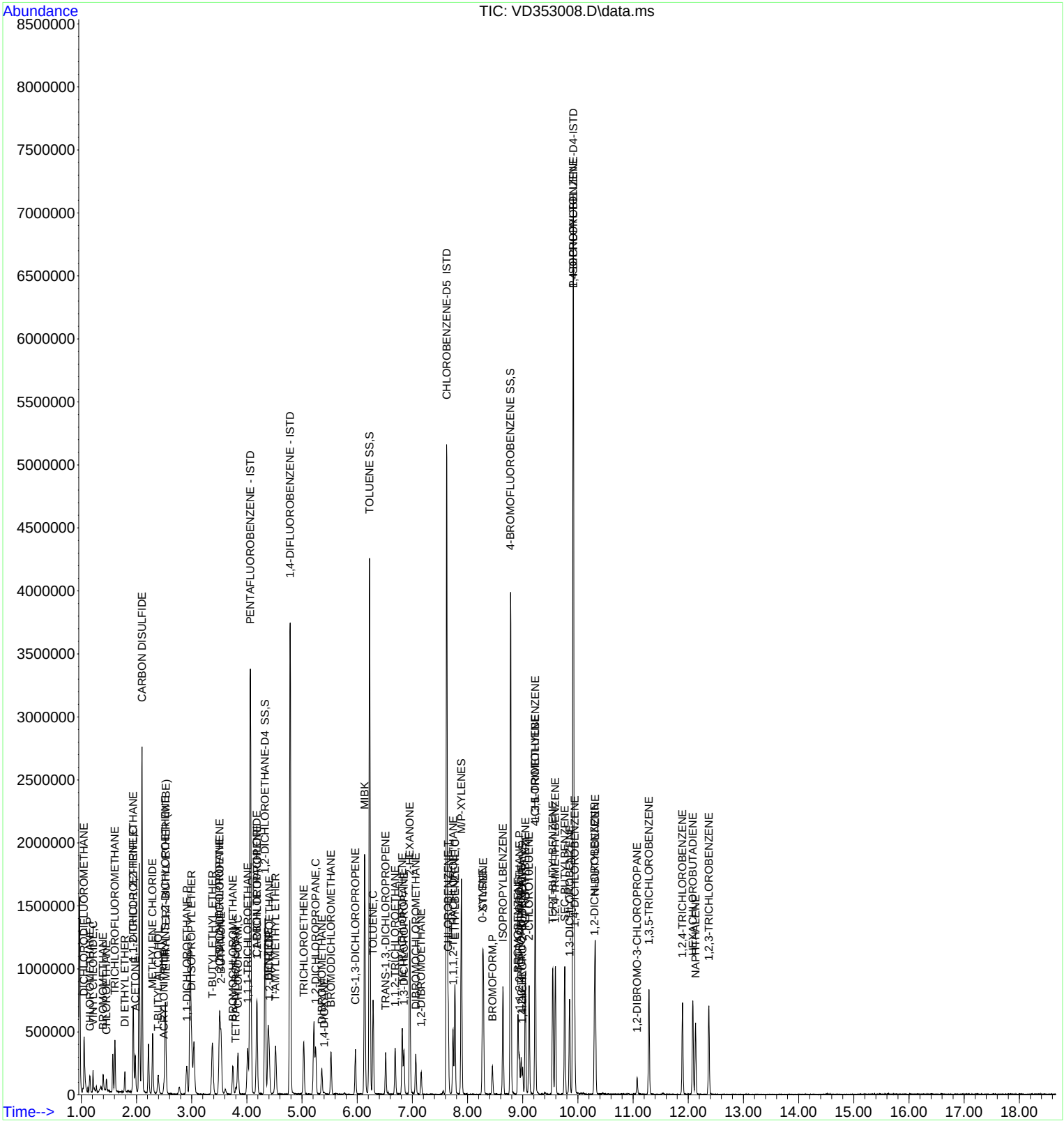
Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.846	76	129273	7.47	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	123426	8.23	UG/L	98
50) 1,2-DIBROMOETHANE	7.161	107	84969	7.19	UG/L	98
53) CHLOROBENZENE	7.649	112	263572	5.62	UG/L	78
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	114354	6.44	UG/L	95
55) ETHYLBENZENE	7.772	91	476654	6.35	UG/L	91
56) M/P-XYLENES	7.889	91	823489	14.18	UG/L	83
57) 0-XYLENE	8.271	91	405932	6.90	UG/L	85
58) STYRENE	8.285	104	290238	6.26	UG/L	58
59) BROMOFORM	8.452	173	84985	8.57	UG/L	98
60) ISOPROPYLBENZENE	8.642	120	104128	5.66	UG/L	72
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	96730	5.94	UG/L	96
62) 1,4-DICHLORO-2-BUTENE(...	8.996	53	43068	6.16	UG/L	70
63) BROMOBENZENE	8.912	77	193558	7.05	UG/L	79
64) 1,2,3-TRICHLOROPROPANE	8.973	110	37423	6.45	UG/L	98
65) N-PROPYLBENZENE	9.049	91	564274	6.65	UG/L	92
66) 2-CHLOROT0LUENE	9.116	91	372255	6.94	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	467234	6.75	UG/L	85
68) 4-CHLOROTOLUENE	9.224	91	435233	7.09	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	378149	7.72	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.590	105	460123	7.97	UG/L	85
72) SEC-BUTYLBENZENE	9.763	134	101434	6.78	UG/L	70
73) 1,3-DICHLOROBENZENE	9.852	146	234131	6.80	UG/L	93
74) P-ISOPROPYLTOLUENE	9.913	119	467714	8.15	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	248164	7.15	UG/L	88
76) N-BUTYLBENZENE	10.315	91	440081	8.43	UG/L	90
77) 1,2-DICHLOROBENZENE	10.301	146	215410	6.72	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	27784	11.16	UG/L	55
79) 1,3,5-TRICHLOROBENZENE	11.288	180	197548	8.03	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	172990	7.82	UG/L	95
81) HEXACHLOROBUTADIENE	12.083	225	140208	12.07	UG/L	88
82) NAPHTHALENE	12.133	128	330357	5.71	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	165127	8.13	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353008.D
Acq On : 19 Dec 2011 7:57 am
Operator : MFF
Sample : 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 19 08:18:09 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1608453	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2212844	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.621	82	1263954	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1260069	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	981987	35.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 143.92%#			
34) TOLUENE SS	6.224	98	2148667	27.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.08%			
52) 4-BROMOFLUOROBENZENE SS	8.778	95	1050972	23.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.60%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	306983	21.12	UG/L	99
4) CHLOROMETHANE	1.154	50	213566	11.10	UG/L	99
5) VINYL CHLORIDE	1.213	62	205486	16.03	UG/L	98
6) BROMOMETHANE	1.394	94	126197	21.20	UG/L	99
7) CHLOROETHANE	1.455	64	95217	16.59	UG/L	97
8) TRICHLOROFLUOROMETHANE	1.606	101	392572	18.83	UG/L	98
9) DI ETHYL ETHER	1.787	74	68806	15.48	UG/L	85
10) ACETONE	1.977	43	479854	109.90	UG/L	92
11) 1,1-DICHLOROETHENE	1.941	61	318371	16.75	UG/L	90
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	192506	19.17	UG/L	96
13) T-BUTYL ALCOHOL	2.392	59	249301	121.71	UG/L	99
14) ACRYLONITRILE	2.493	53	78354	11.59	UG/L	99
15) METHYLENE CHLORIDE	2.292	49	369495	11.76	UG/L	98
16) CARBON DISULFIDE	2.100	76	4944919	184.44	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.526	73	569824	15.37	UG/L	87
18) TRANS 1,2-DICHLOROETHENE	2.521	61	355470	16.09	UG/L	83
19) 1,1-DICHLOROETHANE	2.911	63	398729	14.78	UG/L	98
20) DI ISOPROPYL ETHER	2.998	45	756097	12.01	UG/L	96
21) 2-BUTANONE	3.533	43	1047288	121.05	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	706578	14.34	UG/L	96
23) CIS-1,2-DICHLOROETHENE	3.508	61	411688	14.93	UG/L	81
24) 2,2-DICHLOROPROPANE	3.505	77	395298	18.21	UG/L	82
25) BROMOCHLOROMETHANE	3.750	128	92651	11.52	UG/L	95
26) TETRAHYDROFURAN	3.795	72	16117	9.85	UG/L	93
27) CHLOROFORM	3.837	83	419218	16.18	UG/L	97
28) 1,1,1-TRICHLOROETHANE	4.015	97	455789	17.99	UG/L	95
29) CARBON TETRACHLORIDE	4.180	117	440600	18.16	UG/L	100
30) 1,1-DICHLOROPROPENE	4.185	77	91769	15.09	UG/L	88
31) BENZENE	4.389	78	640152	11.72	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	442600	13.55	UG/L	89
35) 1,2-DICHLOROETHANE	4.406	62	438096	20.25	UG/L	88
36) TRICHLOROETHENE	5.030	95	225904	16.25	UG/L	79
37) 1,2-DICHLOROPROPANE	5.248	63	190050	14.38	UG/L	100
38) DIBROMOMETHANE	5.354	93	119847	15.18	UG/L	87
39) 1,4-DIOXANE	5.396	88	17683m	117.16	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	351460	19.75	UG/L	97
41) MIBK	6.135	43	2103728	134.80	UG/L	90
42) CIS-1,3-DICHLOROPROPENE	5.965	75	282484	15.91	UG/L	89
43) TOLUENE	6.291	91	785236	14.12	UG/L	99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	281850	18.14	UG/L	80
45) 1,1,2-TRICHLOROETHANE	6.690	83	117181	13.24	UG/L	97
46) 2-HEXANONE	6.955	43	1559142	138.92	UG/L	93
47) TETRACHLOROETHENE	6.815	166	233717	15.06	UG/L	96

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

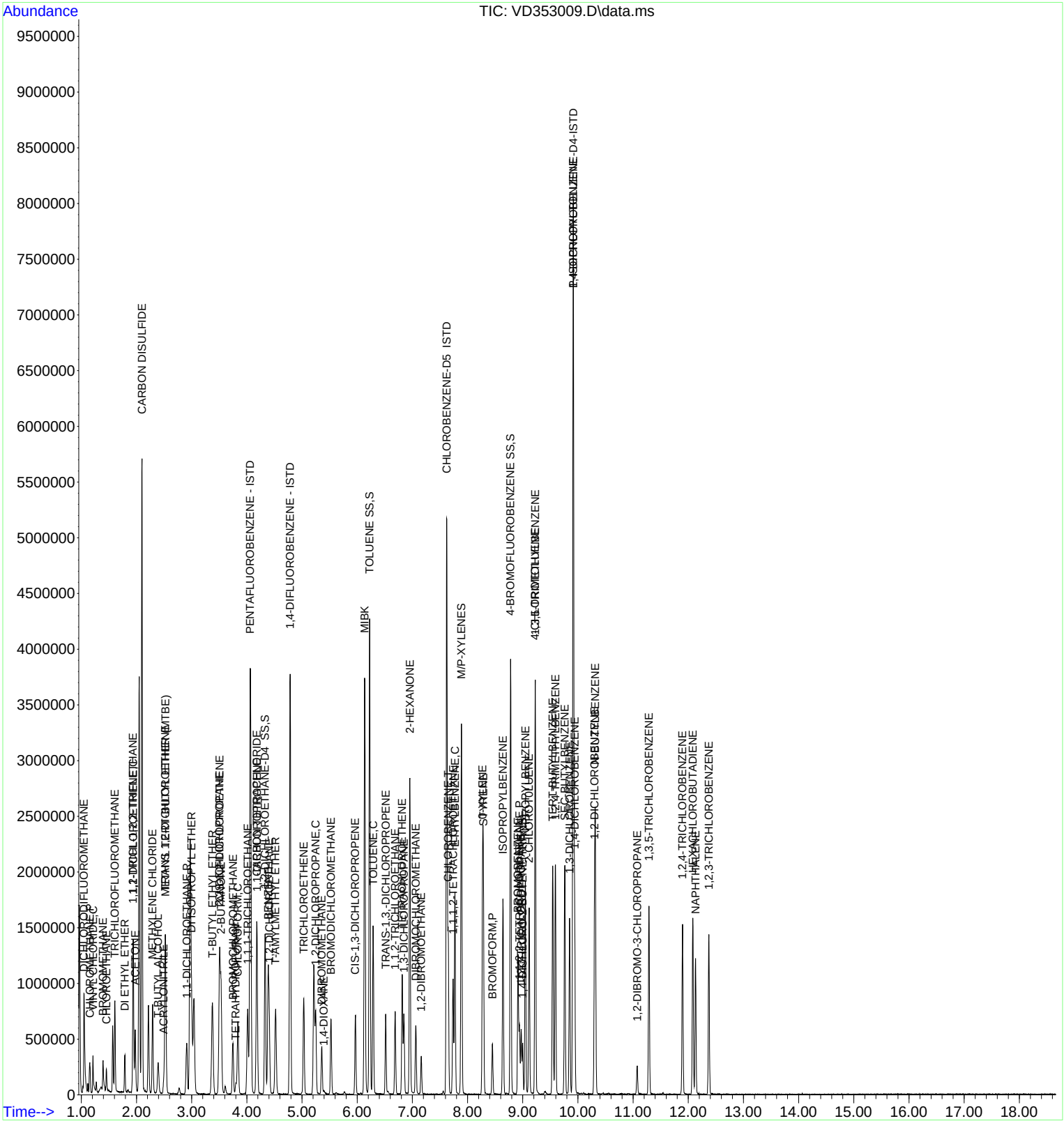
Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	276821	15.83	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	254827	16.82	UG/L	100
50) 1,2-DIBROMOETHANE	7.161	107	171085	14.33	UG/L	98
53) CHLOROBENZENE	7.649	112	538076	11.49	UG/L	84
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	238142	13.41	UG/L	95
55) ETHYLBENZENE	7.772	91	1003947	13.39	UG/L	91
56) M/P-XYLENES	7.889	91	1650361	28.44	UG/L	83
57) 0-XYLENE	8.271	91	842230	14.33	UG/L	84
58) STYRENE	8.288	104	581590	12.56	UG/L	57
59) BROMOFORM	8.452	173	178970	18.05	UG/L	99
60) ISOPROPYLBENZENE	8.642	120	213447	11.60	UG/L	69
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	199110	12.23	UG/L	97
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	93147m	13.32	UG/L	
63) BROMOBENZENE	8.912	77	396171	14.43	UG/L	79
64) 1,2,3-TRICHLOROPROPANE	8.971	110	77713	13.40	UG/L	96
65) N-PROPYLBENZENE	9.049	91	1145787	13.52	UG/L	92
66) 2-CHLOROT0LUENE	9.116	91	752605	14.03	UG/L	84
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	942011	13.62	UG/L	87
68) 4-CHLOROTOLUENE	9.225	91	902161	14.70	UG/L	82
70) TERT-BUTYLBENZENE	9.542	119	787307	15.82	UG/L	74
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	961670	16.38	UG/L	85
72) SEC-BUTYLBENZENE	9.763	134	204687	13.47	UG/L	68
73) 1,3-DICHLOROBENZENE	9.849	146	476777	13.62	UG/L	93
74) P-ISOPROPYLTOLUENE	9.913	119	952544	16.34	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	500934	14.20	UG/L	92
76) N-BUTYLBENZENE	10.315	91	933211	17.58	UG/L	90
77) 1,2-DICHLOROBENZENE	10.301	146	460092	14.12	UG/L	94
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	60262	23.82	UG/L	54
79) 1,3,5-TRICHLOROBENZENE	11.288	180	413226	16.53	UG/L	100
80) 1,2,4-TRICHLOROBENZENE	11.896	180	364175	16.19	UG/L	97
81) HEXACHLOROBUTADIENE	12.083	225	288755	24.46	UG/L	91
82) NAPHTHALENE	12.133	128	729000	11.48	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	335863	16.28	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353009.D
Acq On : 19 Dec 2011 8:23 am
Operator : MFF
Sample : 8260 STD 20PPB Inst : GCMSVOA4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 19 09:50:15 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1674468	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2261029	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1275874	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1279910	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	1004849	35.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.44%#				
34) TOLUENE SS	6.227	98	2224227	27.37	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.48%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1080975	24.10	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.40%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	759190	50.16	UG/L		100
4) CHLOROMETHANE	1.154	50	582321	29.07	UG/L		99
5) VINYL CHLORIDE	1.210	62	571075	42.78	UG/L		98
6) BROMOMETHANE	1.388	94	345002	55.67	UG/L		98
7) CHLOROETHANE	1.452	64	280023	46.88	UG/L		94
8) TRICHLOROFLUOROMETHANE	1.606	101	1066060	49.12	UG/L		99
9) DI ETHYL ETHER	1.787	74	196807	42.52	UG/L		86
10) ACETONE	1.977	43	1346177	296.17	UG/L		91
11) 1,1-DICHLOROETHENE	1.940	61	840537	42.48	UG/L		90
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	507654	48.57	UG/L		94
13) T-BUTYL ALCOHOL	2.395	59	719561	337.45	UG/L		96
14) ACRYLONITRILE	2.495	53	217990	30.96	UG/L		98
15) METHYLENE CHLORIDE	2.292	49	893297	29.29	UG/L		100
16) CARBON DISULFIDE	2.094	76	12234491	438.35	UG/L		100
17) METHYL TERT-BUTYL ETHE...	2.526	73	1560768	40.44	UG/L		83
18) TRANS 1,2-DICHLOROETHENE	2.520	61	977517	42.49	UG/L		84
19) 1,1-DICHLOROETHANE	2.911	63	1083832	38.58	UG/L		98
20) DI ISOPROPYL ETHER	3.000	45	1961878	29.93	UG/L	#	88
21) 2-BUTANONE	3.533	43	2789939	309.76	UG/L		96
22) T-BUTYL ETHYL ETHER	3.377	59	1973560	38.46	UG/L		95
23) CIS-1,2-DICHLOROETHENE	3.508	61	1122140	39.08	UG/L		83
24) 2,2-DICHLOROPROPANE	3.505	77	1085706	48.03	UG/L		82
25) BROMOCHLOROMETHANE	3.747	128	258406	30.88	UG/L		96
26) TETRAHYDROFURAN	3.803	72	58054	34.08	UG/L		73
27) CHLOROFORM	3.840	83	1171504	43.44	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.012	97	1281072	48.56	UG/L		95
29) CARBON TETRACHLORIDE	4.180	117	1225191	48.52	UG/L		99
30) 1,1-DICHLOROPROPENE	4.185	77	258677	40.85	UG/L		89
31) BENZENE	4.386	78	1823587	32.08	UG/L		100
32) T-AMYLMETHYL ETHER	4.520	73	1278543	37.60	UG/L		91
35) 1,2-DICHLOROETHANE	4.406	62	1164573	52.68	UG/L		89
36) TRICHLOROETHENE	5.030	95	617690	43.49	UG/L		81
37) 1,2-DICHLOROPROPANE	5.248	63	529696	39.24	UG/L		100
38) DIBROMOMETHANE	5.357	93	338697	41.99	UG/L		87
39) 1,4-DIOXANE	5.404	88	50982m	339.52	UG/L		
40) BROMODICHLOROMETHANE	5.524	83	956173	52.58	UG/L		99
41) MIBK	6.137	43	5794163	363.36	UG/L		89
42) CIS-1,3-DICHLOROPROPENE	5.967	75	827128	45.59	UG/L		90
43) TOLUENE	6.291	91	2137592	37.62	UG/L		99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	819389	51.60	UG/L		79
45) 1,1,2-TRICHLOROETHANE	6.689	83	347868	38.46	UG/L		98
46) 2-HEXANONE	6.954	43	4307489	375.63	UG/L		91
47) TETRACHLOROETHENE	6.818	166	651667	41.11	UG/L		95

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

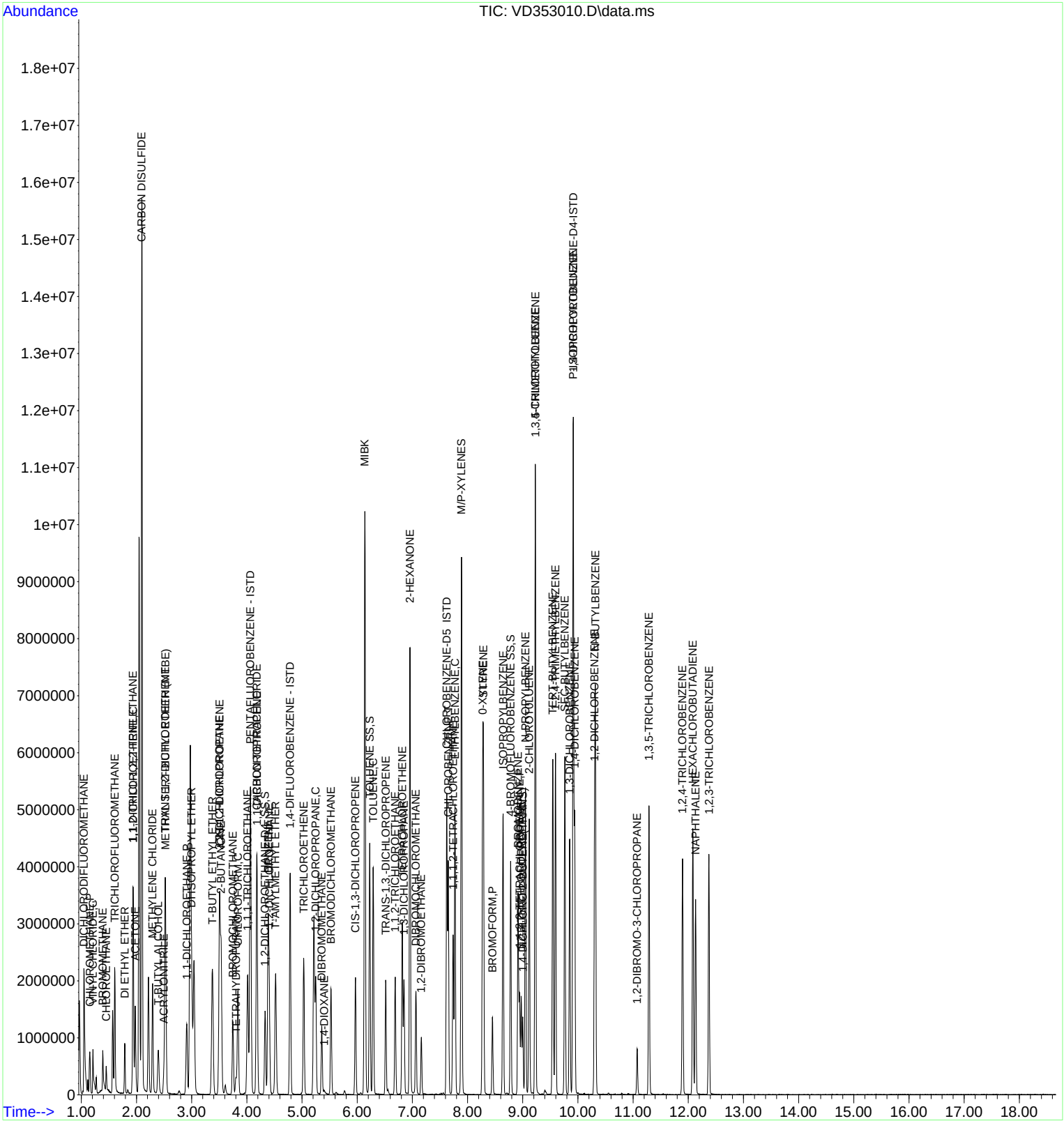
Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.848	76	773262	43.28	UG/L	100
49) DIBROMOCHLOROMETHANE	7.063	129	742200	47.96	UG/L	99
50) 1,2-DIBROMOETHANE	7.161	107	507924	41.65	UG/L	98
53) CHLOROBENZENE	7.652	112	1520486	32.15	UG/L	85
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	675348	37.68	UG/L	94
55) ETHYLBENZENE	7.771	91	2846971	37.61	UG/L	91
56) M/P-XYLENES	7.889	91	4692007	80.09	UG/L	84
57) 0-XYLENE	8.273	91	2385436	40.20	UG/L	84
58) STYRENE	8.287	104	1685685	36.05	UG/L	61
59) BROMOFORM	8.449	173	522607	52.21	UG/L	99
60) ISOPROPYLBENZENE	8.644	120	629391	33.89	UG/L	72
61) 1,1,2,2-TETRACHLOROETHANE	8.943	83	587531	35.75	UG/L	98
62) 1,4-DICHLORO-2-BUTENE(...	9.001	53	276736	39.21	UG/L	66
63) BROMOBENZENE	8.915	77	1130822	40.81	UG/L	80
64) 1,2,3-TRICHLOROPROPANE	8.971	110	226588	38.70	UG/L	95
65) N-PROPYLBENZENE	9.049	91	3336667	39.00	UG/L	93
66) 2-CHLOROT0LUENE	9.118	91	2162093	39.94	UG/L	83
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	2803344	40.16	UG/L	86
68) 4-CHLOROTOLUENE	9.227	91	2605067	42.06	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	2286892	45.23	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.595	105	2734601	45.86	UG/L	88
72) SEC-BUTYLBENZENE	9.763	134	597462	38.71	UG/L	68
73) 1,3-DICHLOROBENZENE	9.852	146	1409414	39.63	UG/L	94
74) P-ISOPROPYLTOLUENE	9.913	119	2762629	46.64	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	1417596	39.56	UG/L	94
76) N-BUTYLBENZENE	10.318	91	2687788	49.85	UG/L	88
77) 1,2-DICHLOROBENZENE	10.301	146	1303373	39.38	UG/L	93
78) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	177097	68.91	UG/L	56
79) 1,3,5-TRICHLOROBENZENE	11.288	180	1234037	48.59	UG/L	99
80) 1,2,4-TRICHLOROBENZENE	11.896	180	1045002	45.74	UG/L	96
81) HEXACHLOROBUTADIENE	12.083	225	856886	71.47	UG/L	90
82) NAPHTHALENE	12.133	128	2169009	32.10	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	1040556	49.64	UG/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353010.D
Acq On : 19 Dec 2011 8:48 am
Operator : MFF
Sample : 8260 STD 50PPB Inst : GCMSVOA4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 19 09:08:24 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1727642	30.00	UG/L		0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2349981	30.00	UG/L		0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1328376	30.00	UG/L	#	0.00
69) 1,4-DICHLOROBENZENE-D4...	9.919	152	1383545	30.00	UG/L	#	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	1009817	34.44	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 137.76%#				
34) TOLUENE SS	6.227	98	2290178	27.11	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.44%				
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1105031	23.66	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.64%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	1215351	77.83	UG/L		99
4) CHLOROMETHANE	1.154	50	914116	44.22	UG/L		99
5) VINYL CHLORIDE	1.210	62	946287	68.71	UG/L		100
6) BROMOMETHANE	1.389	94	513196	80.26	UG/L		98
7) CHLOROETHANE	1.447	64	454061	73.68	UG/L		91
8) TRICHLOROFLUOROMETHANE	1.606	101	1681348	75.09	UG/L		100
9) DI ETHYL ETHER	1.787	74	320757	67.17	UG/L		86
10) ACETONE	1.977	43	1994841	425.37	UG/L		89
11) 1,1-DICHLOROETHENE	1.938	61	1351395	66.19	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	830093	76.97	UG/L		93
13) T-BUTYL ALCOHOL	2.398	59	1137378	516.97	UG/L		94
14) ACRYLONITRILE	2.496	53	337151	46.42	UG/L		97
15) METHYLENE CHLORIDE	2.289	49	1419759	45.93	UG/L		99
16) CARBON DISULFIDE	2.088	76	14822530m	514.73	UG/L		
17) METHYL TERT-BUTYL ETHE...	2.529	73	2519483	63.27	UG/L		83
18) TRANS 1,2-DICHLOROETHENE	2.518	61	1584307	66.75	UG/L		84
19) 1,1-DICHLOROETHANE	2.908	63	1766291	60.94	UG/L		98
20) DI ISOPROPYL ETHER	2.998	45	3123793	46.20	UG/L	#	88
21) 2-BUTANONE	3.536	43	4250824	457.44	UG/L		95
22) T-BUTYL ETHYL ETHER	3.377	59	3213546	60.70	UG/L		96
23) CIS-1,2-DICHLOROETHENE	3.508	61	1818536	61.39	UG/L		83
24) 2,2-DICHLOROPROPANE	3.505	77	1797012	77.05	UG/L		82
25) BROMOCHLOROMETHANE	3.748	128	416762	48.26	UG/L		97
26) TETRAHYDROFURAN	3.806	72	86567	49.25	UG/L		76
27) CHLOROFORM	3.837	83	1876386	67.44	UG/L		98
28) 1,1,1-TRICHLOROETHANE	4.015	97	2054306	75.47	UG/L		95
29) CARBON TETRACHLORIDE	4.180	117	1980058	76.00	UG/L		99
30) 1,1-DICHLOROPROPENE	4.183	77	411890	63.04	UG/L		90
31) BENZENE	4.386	78	2915096	49.71	UG/L		100
32) T-AMYLMETHYL ETHER	4.523	73	2050068	58.43	UG/L		94
35) 1,2-DICHLOROETHANE	4.409	62	1810259	78.79	UG/L		89
36) TRICHLOROETHENE	5.030	95	1002726	67.92	UG/L		80
37) 1,2-DICHLOROPROPANE	5.248	63	856340	61.03	UG/L		100
38) DIBROMOMETHANE	5.357	93	549915	65.59	UG/L		86
39) 1,4-DIOXANE	5.404	88	77846	501.10	UG/L	#	1
40) BROMODICHLOROMETHANE	5.524	83	1560377	82.56	UG/L		99
41) MIBK	6.140	43	8225127	496.29	UG/L		87
42) CIS-1,3-DICHLOROPROPENE	5.967	75	1342947	71.22	UG/L		89
43) TOLUENE	6.291	91	3445261	58.33	UG/L		99
44) TRANS-1,3,-DICHLOROPRO...	6.517	75	1308952	79.31	UG/L		81
45) 1,1,2-TRICHLOROETHANE	6.687	83	552274	58.74	UG/L		100
46) 2-HEXANONE	6.957	43	6381401	535.42	UG/L		88
47) TETRACHLOROETHENE	6.818	166	1091159	66.22	UG/L		98

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

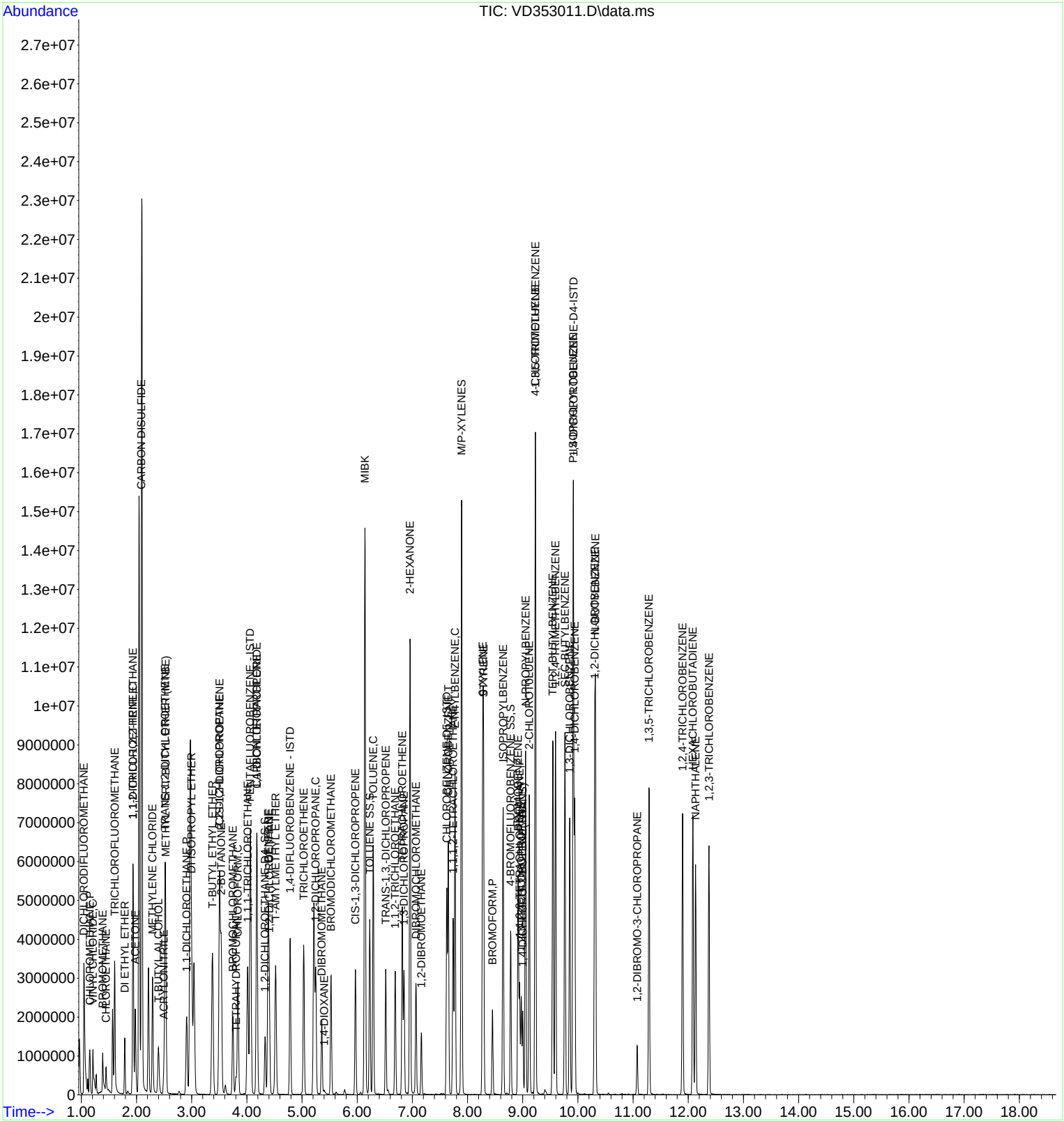
Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	1227764	66.11	UG/L	99
49) DIBROMOCHLOROMETHANE	7.066	129	1202550	74.76	UG/L	99
50) 1,2-DIBROMOETHANE	7.164	107	810747	63.96	UG/L	99
53) CHLOROBENZENE	7.652	112	2499848	50.78	UG/L	87
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	1094177	58.63	UG/L	95
55) ETHYLBENZENE	7.774	91	4614495	58.55	UG/L	91
56) M/P-XYLENES	7.892	91	7495929	122.90	UG/L	86
57) 0-XYLENE	8.274	91	3904210	63.19	UG/L	84
58) STYRENE	8.290	104	2707470	55.62	UG/L	61
59) BROMOFORM	8.452	173	824824	79.15	UG/L	97
60) ISOPROPYLBENZENE	8.645	120	976843	50.53	UG/L	68
61) 1,1,2,2-TETRACHLOROETHANE	8.943	83	929358	54.31	UG/L	99
62) 1,4-DICHLORO-2-BUTENE(...	8.999	53	434942	59.19	UG/L	69
63) BROMOBENZENE	8.918	77	1815675	62.94	UG/L	80
64) 1,2,3-TRICHLOROPROPANE	8.974	110	343128	56.29	UG/L	96
65) N-PROPYLBENZENE	9.052	91	5430330	60.97	UG/L	93
66) 2-CHLOROT0LUENE	9.119	91	3457905	61.35	UG/L	84
67) 1,3,5-TRIMETHYLBENZENE	9.230	105	4453825	61.28	UG/L	88
68) 4-CHLOROTOLUENE	9.227	91	4199827	65.13	UG/L	83
70) TERT-BUTYLBENZENE	9.545	119	3680167	67.33	UG/L	76
71) 1,2,4-TRIMETHYLBENZENE	9.595	105	4465533	69.27	UG/L	87
72) SEC-BUTYLBENZENE	9.766	134	979683	58.72	UG/L	71
73) 1,3-DICHLOROBENZENE	9.852	146	2303588	59.93	UG/L	94
74) P-ISOPROPYLTOLUENE	9.913	119	4555188	71.15	UG/L	87
75) 1,4-DICHLOROBENZENE	9.941	146	2271383	58.63	UG/L	95
76) N-BUTYLBENZENE	10.318	91	4180494	71.73	UG/L	89
77) 1,2-DICHLOROBENZENE	10.304	146	2119469	59.24	UG/L	93
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	287417	103.45	UG/L	57
79) 1,3,5-TRICHLOROBENZENE	11.288	180	1984674	72.29	UG/L	100
80) 1,2,4-TRICHLOROBENZENE	11.899	180	1779698	72.06	UG/L	95
81) HEXACHLOROBUTADIENE	12.083	225	1364794	105.30	UG/L	91
82) NAPHTHALENE	12.133	128	3603332	48.92	UG/L	100
83) 1,2,3-TRICHLOROBENZENE	12.376	180	1597029	70.48	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\New Folder\
Data File : VD353011.D
Acq On : 19 Dec 2011 9:14 am
Operator : MFF
Sample : 8260 STD 80PPB Inst : GCMSVOA4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 19 09:37:17 2011
Quant Method : C:\MSDChem\1\METHODS\V0913S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Tue Sep 13 09:37:49 2011
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1680243	30.00	UG/L	0.00
33) 1,4-DIFLUOROBENZENE - ...	4.785	114	2205612	30.00	UG/L	0.00
51) CHLOROBENZENE-D5 ISTD	7.624	82	1292322	30.00	UG/L	# 0.00
69) 1,4-DICHLOROBENZENE-D4...	9.916	152	1251409	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	1000841	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%			
34) TOLUENE SS	6.224	98	2216607	25.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.00%			
52) 4-BROMOFLUOROBENZENE SS	8.781	95	1066862	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.92%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	106026	6.00	UG/L	80
4) CHLOROMETHANE	1.154	50	98531	8.37	UG/L	99
5) VINYL CHLORIDE	1.210	62	85696	7.87	UG/L	97
6) BROMOMETHANE	1.391	94	58643	8.76	UG/L	98
7) CHLOROETHANE	1.453	64	47286	8.28	UG/L	95
8) TRICHLOROFLUOROMETHANE	1.606	101	187045	8.36	UG/L	100
9) DI ETHYL ETHER	1.787	74	40602	10.29	UG/L	89
10) ACETONE	1.974	43	245249	88.54	UG/L	90
11) 1,1-DICHLOROETHENE	1.938	61	156724	9.11	UG/L	89
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	95096	9.28	UG/L	93
13) T-BUTYL ALCOHOL	2.392	59	135324	96.90	UG/L	97
14) ACRYLONITRILE	2.490	53	40140	9.39	UG/L	98
15) METHYLENE CHLORIDE	2.289	49	211845	9.20	UG/L	98
16) CARBON DISULFIDE	2.097	76	230351	9.18	UG/L	100
17) METHYL TERT-BUTYL ETHE...	2.526	73	284321	9.67	UG/L	86
18) TRANS 1,2-DICHLOROETHENE	2.515	61	180247	9.70	UG/L	83
19) 1,1-DICHLOROETHANE	2.908	63	202891	9.67	UG/L	97
20) DI ISOPROPYL ETHER	2.998	45	377596	9.71	UG/L	95
21) 2-BUTANONE	3.533	43	516570	94.45	UG/L	97
22) T-BUTYL ETHYL ETHER	3.377	59	336938	9.09	UG/L	95
23) CIS-1,2-DICHLOROETHENE	3.508	61	206868	9.42	UG/L	84
24) 2,2-DICHLOROPROPANE	3.502	77	196883	9.35	UG/L	83
25) BROMOCHLOROMETHANE	3.745	128	48262	9.47	UG/L	90
26) TETRAHYDROFURAN	3.804	72	9856	9.55	UG/L	77
27) CHLOROFORM	3.840	83	221006	9.55	UG/L	99
28) 1,1,1-TRICHLOROETHANE	4.010	97	231789	9.48	UG/L	97
29) CARBON TETRACHLORIDE	4.183	117	226102	9.76	UG/L	99
30) 1,1-DICHLOROPROPENE	4.186	77	48062	9.52	UG/L	89
31) BENZENE	4.389	78	342515	9.77	UG/L	100
32) T-AMYLMETHYL ETHER	4.520	73	232107	10.05	UG/L	92
35) 1,2-DICHLOROETHANE	4.409	62	225369	10.02	UG/L	89
36) TRICHLOROETHENE	5.031	95	114718	10.15	UG/L	80
37) 1,2-DICHLOROPROPANE	5.248	63	96877	10.11	UG/L	100
38) DIBROMOMETHANE	5.357	93	65063	10.52	UG/L	85
39) 1,4-DIOXANE	5.404	88	10739m	113.41	UG/L	
40) BROMODICHLOROMETHANE	5.527	83	177104	10.03	UG/L	99
41) MIBK	6.135	43	1113928	108.35	UG/L	92
42) CIS-1,3-DICHLOROPROPENE	5.967	75	156719	11.10	UG/L	91
43) TOLUENE	6.288	91	419572	10.08	UG/L	98
44) TRANS-1,3,-DICHLOROPRO...	6.520	75	153120	11.02	UG/L	81
45) 1,1,2-TRICHLOROETHANE	6.690	83	63902	10.07	UG/L	98
46) 2-HEXANONE	6.955	43	809996	107.04	UG/L	95
47) TETRACHLOROETHENE	6.818	166	122321	9.91	UG/L	93

Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

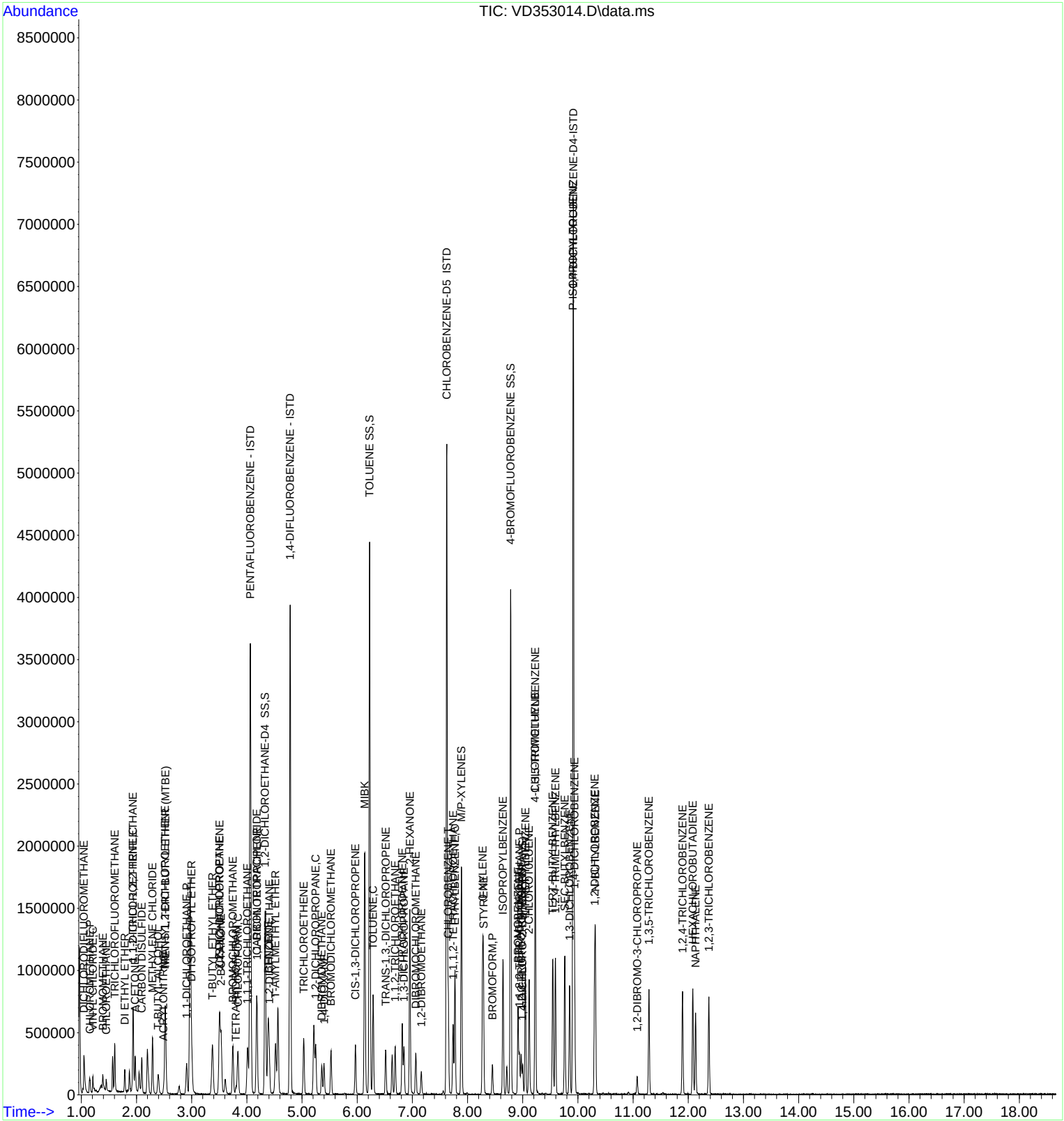
Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,3-DICHLOROPROPANE	6.849	76	144709	10.52	UG/L		97
49) DIBROMOCHLOROMETHANE	7.063	129	132964	10.11	UG/L		99
50) 1,2-DIBROMOETHANE	7.164	107	94899	10.70	UG/L		97
53) CHLOROBENZENE	7.649	112	306517	10.46	UG/L		80
54) 1,1,1,2-TETRACHLOROETHANE	7.738	131	130781	10.39	UG/L		93
55) ETHYLBENZENE	7.772	91	546748	10.73	UG/L		91
56) M/P-XYLENES	7.889	91	889312	20.96	UG/L		85
57) 0-XYLENE	8.274	91	446556	10.66	UG/L		85
58) STYRENE	8.290	104	320736	10.94	UG/L		60
59) BROMOFORM	8.452	173	92823	10.36	UG/L		97
60) ISOPROPYLBENZENE	8.642	120	134073	12.53	UG/L		73
61) 1,1,2,2-TETRACHLOROETHANE	8.940	83	103044	9.84	UG/L		95
62) 1,4-DICHLORO-2-BUTENE(...	8.996	53	50694	10.40	UG/L	#	24
63) BROMOBENZENE	8.915	77	211686	10.26	UG/L		79
64) 1,2,3-TRICHLOROPROPANE	8.974	110	42567	10.37	UG/L		95
65) N-PROPYLBENZENE	9.049	91	617200	10.74	UG/L		92
66) 2-CHLOROT0LUENE	9.116	91	410165	10.59	UG/L		83
67) 1,3,5-TRIMETHYLBENZENE	9.227	105	496559	10.53	UG/L		87
68) 4-CHLOROTOLUENE	9.225	91	505997	10.93	UG/L		83
70) TERT-BUTYLBENZENE	9.543	119	430247	11.70	UG/L		74
71) 1,2,4-TRIMETHYLBENZENE	9.593	105	490577	10.83	UG/L		87
72) SEC-BUTYLBENZENE	9.763	134	108103	10.82	UG/L		67
73) 1,3-DICHLOROBENZENE	9.849	146	259831	10.51	UG/L		93
74) P-ISOPROPYLTOLUENE	9.911	119	525790	10.88	UG/L		87
75) 1,4-DICHLOROBENZENE	9.939	146	279299	10.41	UG/L		91
76) N-BUTYLBENZENE	10.318	91	495375	11.33	UG/L		88
77) 1,2-DICHLOROBENZENE	10.304	146	249711	10.89	UG/L		93
78) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	31144	10.01	UG/L		52
79) 1,3,5-TRICHLOROBENZENE	11.288	180	200413	9.66	UG/L		98
80) 1,2,4-TRICHLOROBENZENE	11.899	180	198365	11.09	UG/L		97
81) HEXACHLOROBUTADIENE	12.083	225	153420	10.12	UG/L		90
82) NAPHTHALENE	12.133	128	384651	10.10	UG/L		100
83) 1,2,3-TRICHLOROBENZENE	12.373	180	187624	11.10	UG/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\121911\
Data File : VD353014.D
Acq On : 19 Dec 2011 10:31 am
Operator : MFF
Sample : B0-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 10:56:56 2011
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Dec 19 09:57:14 2011
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	106	4.945467E-02	5.250029E-02		6.2	20	
Acrylonitrile	A	10.0	9.62	7.636126E-02	7.345458E-02		-3.8	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	9.20	0.412367	0.3791923		-8.0	20	
Benzene	A	10.0	11.0	0.6262204	0.6855143		9.5	20	
Bromobenzene	A	10.0	10.1	0.4789911	0.4834736		0.9	20	
Bromochloromethane	A	10.0	9.97	9.095186E-02	9.068518E-02		-0.3	20	
Bromodichloromethane	A	10.0	7.73	0.2402738	0.1857757		-22.7	20	*
Bromoform	A	10.0	8.75	0.2080039	0.1820633		-12.5	20	
Bromomethane	A	10.0	8.11	0.1195444	9.700792E-02		-18.9	20	
2-Butanone (MEK)	A	100	99.8	9.765588E-02	9.741803E-02		-0.2	20	
tert-Butyl Alcohol (TBA)	A	100	79.6	2.493345E-02	1.985064E-02		-20.4	20	*
n-Butylbenzene	A	10.0	11.1	1.048145	1.163863		11.0	20	
sec-Butylbenzene	A	10.0	11.3	0.2394575	0.2706296		13.0	20	
tert-Butylbenzene	A	10.0	10.6	0.881225	0.9370285		6.3	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.53	0.6615894	0.564399		-14.7	20	
Carbon Disulfide	A	100	106	0.4482548	0.4763481		6.3	20	
Carbon Tetrachloride	A	10.0	7.28	0.41381	0.3010505		-27.2	20	*
Chlorobenzene	A	10.0	10.5	0.6803749	0.7122219		4.7	20	
Chlorodibromomethane	A	10.0	7.84	0.1788214	0.1402267		-21.6	20	*
Chloroethane	A	10.0	8.29	0.1019772	8.454584E-02		-17.1	20	
Chloroform	A	10.0	8.42	0.4133539	0.3478679		-15.8	20	
Chloromethane	A	10.0	9.29	0.2102202	0.1953205		-7.1	20	
2-Chlorotoluene	A	10.0	10.2	0.89902	0.9126791		1.5	20	
4-Chlorotoluene	A	10.0	9.72	1.07432	1.044452		-2.8	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.25	7.458566E-02	6.156149E-02		-17.5	20	
1,2-Dibromoethane (EDB)	A	10.0	9.34	0.1206012	0.1125987		-6.6	20	
Dibromomethane	A	10.0	9.12	8.410858E-02	7.672785E-02		-8.8	20	
1,2-Dichlorobenzene	A	10.0	10.8	0.5498972	0.5953435		8.3	20	
1,3-Dichlorobenzene	A	10.0	10.9	0.5927496	0.6472678		9.2	20	
1,4-Dichlorobenzene	A	10.0	9.99	0.6434966	0.6428495		-0.1	20	
trans-1,4-Dichloro-2-butene	A	10.0	8.13	0.1131766	9.202005E-02		-18.7	20	
Dichlorodifluoromethane (Freon 12)	A	10.0	6.66	0.3156581	0.2103426		-33.4	20	*
1,1-Dichloroethane	A	10.0	9.41	0.3744799	0.3524171		-5.9	20	
1,2-Dichloroethane	A	10.0	6.73	0.30598	0.2059002		-32.7	20	*
1,1-Dichloroethylene	A	10.0	8.01	0.3071649	0.2459307		-19.9	20	
cis-1,2-Dichloroethylene	A	10.0	8.54	0.3922364	0.3351657		-14.6	20	
trans-1,2-Dichloroethylene	A	10.0	9.15	0.3316804	0.3034839		-8.5	20	
1,2-Dichloropropane	A	10.0	10.2	0.1303431	0.1325748		1.7	20	
1,3-Dichloropropane	A	10.0	9.54	0.1871463	0.1786241		-4.6	20	
2,2-Dichloropropane	A	10.0	7.57	0.3758858	0.2845989		-24.3	20	*
1,1-Dichloropropene	A	10.0	8.69	9.014687E-02	7.830441E-02		-13.1	20	
cis-1,3-Dichloropropene	A	10.0	9.20	0.1919906	0.1767108		-8.0	20	
trans-1,3-Dichloropropene	A	10.0	8.13	0.1890555	0.1536684		-18.7	20	
Diethyl Ether	A	10.0	9.79	7.047356E-02	0.0689829		-2.1	20	
Diisopropyl Ether (DIPE)	A	10.0	9.08	0.6940967	0.6303756		-9.2	20	
1,4-Dioxane	L	100	107	1.268949E-03	1.381598E-03		7.2	20	
Ethylbenzene	A	10.0	10.5	1.182428	1.24459		5.3	20	
Hexachlorobutadiene	A	10.0	8.54	0.3632662	0.3101023		-14.6	20	
2-Hexanone (MBK)	A	100	90.3	0.102928	9.296927E-02		-9.7	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.0	0.2483135	0.2736575		10.2	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	9.65	1.158014	1.117547		-3.5	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	8.83	0.5249381	0.4634734		-11.7	20	
Methylene Chloride	L	10.0	8.13	1.313689	0.3465103		-18.7	20	
4-Methyl-2-pentanone (MIBK)	A	100	84.3	0.1398402	0.117873		-15.7	20	
Naphthalene	L	10.0	10.3	0.7794813	0.9394946		2.7	20	
n-Propylbenzene	A	10.0	11.0	1.333645	1.461572		9.6	20	
Styrene	A	10.0	11.3	0.6803996	0.7677624		12.8	20	
1,1,1,2-Tetrachloroethane	A	10.0	9.20	0.2921112	0.2687396		-8.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.7	0.2431925	0.285604		17.4	20	
Tetrachloroethylene	A	10.0	8.74	0.167858	0.146727		-12.6	20	
Tetrahydrofuran	L	10.0	10.1	2.008267E-02	1.871486E-02		1.3	20	
Toluene	A	10.0	9.06	0.5661165	0.5128261		-9.4	20	
1,2,3-Trichlorobenzene	A	10.0	10.7	0.4052096	0.4345904		7.3	20	
1,2,4-Trichlorobenzene	A	10.0	10.6	0.4288333	0.4544574		6.0	20	
1,3,5-Trichlorobenzene	A	10.0	10.5	0.4973016	0.5206169		4.7	20	
1,1,1-Trichloroethane	A	10.0	7.51	0.4365437	0.3278106		-24.9	20	*
1,1,2-Trichloroethane	A	10.0	10.3	8.627726E-02	8.895225E-02		3.1	20	
Trichloroethylene	A	10.0	8.83	0.1537315	0.1357987		-11.7	20	
Trichlorofluoromethane (Freon 11)	A	10.0	7.29	0.3995058	0.2912072		-27.1	20	*
1,2,3-Trichloropropane	A	10.0	9.36	9.527312E-02	8.915397E-02		-6.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.14	0.1829331	0.1488869		-18.6	20	
1,2,4-Trimethylbenzene	A	10.0	10.9	1.086057	1.183142		8.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSVOA4	Calibration:	1200015
Lab File ID:	VD030003.D	Calibration Date:	12/19/11 13:10
Sequence:	S001791	Injection Date:	01/30/12
Lab Sample ID:	S001791-CCV1	Injection Time:	05:58

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.1	1.094985	1.105553		1.0	20
Vinyl Chloride	A	10.0	10.8	0.194492	0.2098605		7.9	20
m+p Xylene	A	20.0	20.1	0.9849334	0.9893455		0.4	20
o-Xylene	A	10.0	10.2	0.9726224	0.9961678		2.4	20
1,2-Dichloroethane-d4	A	25.0	19.8	0.7248535	0.5732289		-20.9	
Toluene-d8	A	25.0	24.6	1.170891	1.154435		-1.4	
4-Bromofluorobenzene	A	25.0	23.5	1.001437	0.9427092		-5.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1586654	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2284529	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1119995	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1068054	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	757930	19.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.08%				
36) TOLUENE SS	6.224	98	2197784	24.65	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.60%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	879858	23.53	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	111247m	6.66	UG/L		
4) CHLOROMETHANE	1.146	50	103302	9.29	UG/L		98
5) VINYL CHLORIDE	1.210	62	110992	10.79	UG/L		100
6) BROMOMETHANE	1.397	94	51306m	8.11	UG/L		
7) CHLOROETHANE	1.455	64	44715	8.29	UG/L		98
8) TRICHLOROFLUOROMETHANE	1.609	101	154015	7.29	UG/L		99
9) DI ETHYL ETHER	1.787	74	36484	9.79	UG/L		86
10) ACETONE	1.977	43	277666	106.16	UG/L		81
11) 1,1-DICHLOROETHENE	1.941	61	130069	8.01	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	78744	8.14	UG/L		99
13) T-BUTYL ALCOHOL	2.398	59	104987	79.61	UG/L		99
14) ACRYLONITRILE	2.496	53	38849	9.62	UG/L		97
15) METHYL ACETATE	2.217	43	349623	9.15	UG/L		97
16) METHYLENE CHLORIDE	2.292	49	183264	8.13	UG/L		83
17) CARBON DISULFIDE	2.100	76	2519332	106.27	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	245124	8.83	UG/L		87
19) TRANS 1,2-DICHLOROETHENE	2.518	61	160508	9.15	UG/L		94
20) 1,1-DICHLOROETHANE	2.908	63	186388	9.41	UG/L		98
21) DI ISOPROPYL ETHER	2.995	45	333396	9.08	UG/L		92
22) 2-BUTANONE	3.533	43	515229	99.76	UG/L		89
23) T-BUTYL ETHYL ETHER	3.371	59	298502	8.53	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.502	61	177264	8.54	UG/L		96
25) 2,2-DICHLOROPROPANE	3.502	77	150520	7.57	UG/L		89
26) BROMOCHLOROMETHANE	3.745	128	47962	9.97	UG/L		95
27) TETRAHYDROFURAN	3.804	72	9898	10.13	UG/L		67
28) CHLOROFORM	3.837	83	183982	8.42	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.013	97	173374	7.51	UG/L		95
30) CYCLOHEXANE	4.066	56	205855	8.29	UG/L	#	91
31) CARBON TETRACHLORIDE	4.180	117	159221	7.28	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	41414	8.69	UG/L		92
33) BENZENE	4.384	78	362558	10.95	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	200549	9.20	UG/L		92
37) 1,2-DICHLOROETHANE	4.406	62	156795	6.73	UG/L		95
38) TRICHLOROETHENE	5.028	95	103412	8.83	UG/L		86
39) METHYL CYCLOHEXANE	5.212	83	163689	9.45	UG/L		94
40) 1,2-DICHLOROPROPANE	5.245	63	100957	10.17	UG/L		99
41) DIBROMOMETHANE	5.357	93	58429	9.12	UG/L		86
42) 1,4-DIOXANE	5.418	88	10521m	107.16	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	141470	7.73	UG/L		99
44) MIBK	6.135	43	897614	84.29	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.968	75	134567	9.20	UG/L		92
46) TOLUENE	6.288	91	390522	9.06	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.514	75	117020	8.13	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

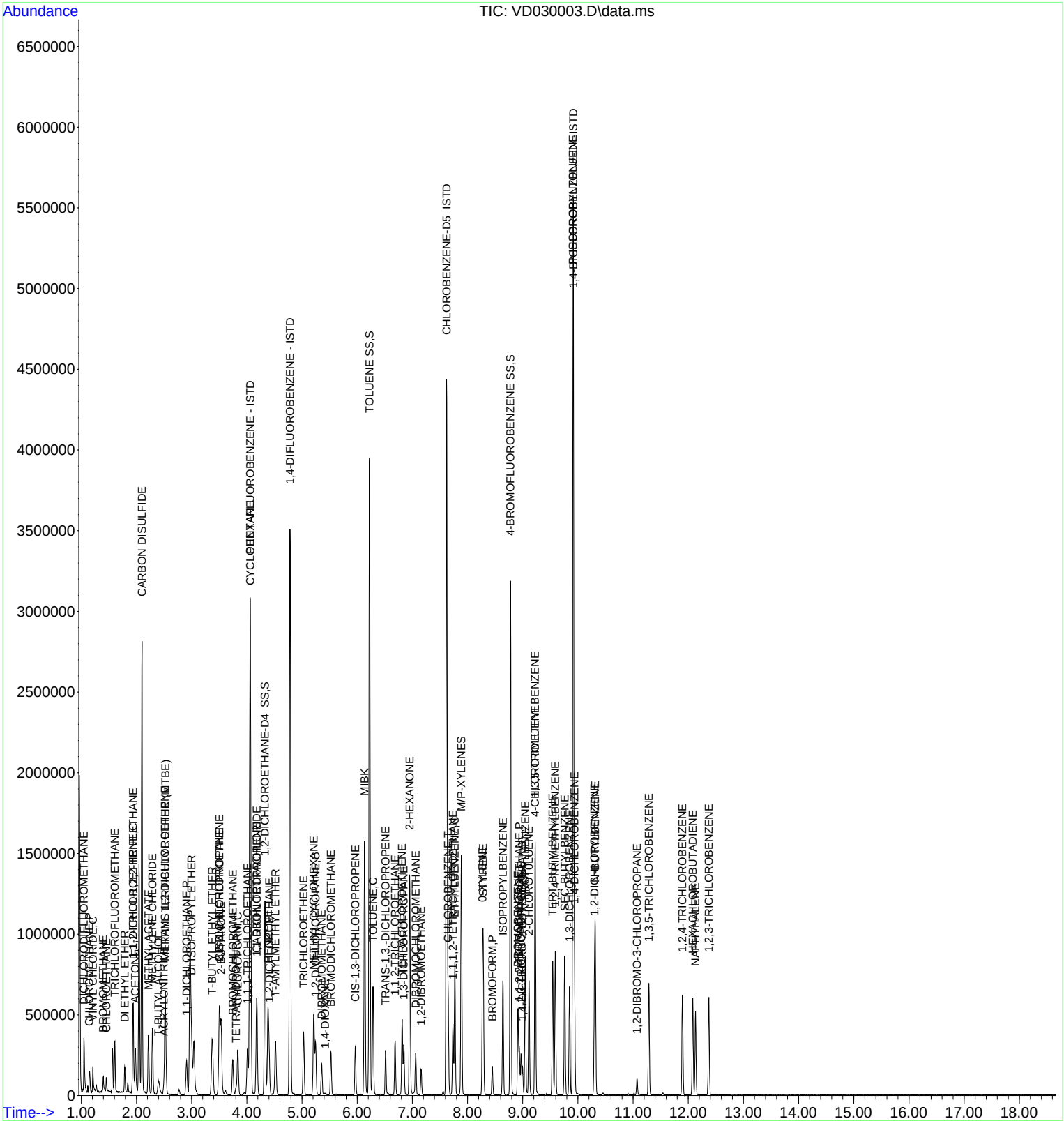
Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	67738	10.31	UG/L	96
49) 2-HEXANONE	6.952	43	707970	90.32	UG/L	82
50) TETRACHLOROETHENE	6.815	166	111734	8.74	UG/L	97
51) 1,3-DICHLOROPROPANE	6.843	76	136024	9.54	UG/L	98
52) DIBROMOCHLOROMETHANE	7.061	129	106784	7.84	UG/L	98
53) 1,2-DIBROMOETHANE	7.161	107	85745	9.34	UG/L	97
56) CHLOROBENZENE	7.649	112	265895	10.47	UG/L	85
57) 1,1,1,2-TETRACHLOROETHANE	7.736	131	100329	9.20	UG/L	99
58) ETHYLBENZENE	7.769	91	464645	10.53	UG/L	95
59) M/P-XYLENES	7.889	91	738708	20.09	UG/L	90
60) 0-XYLENE	8.271	91	371901	10.24	UG/L	89
61) STYRENE	8.285	104	286630	11.28	UG/L	79
62) BROMOFORM	8.449	173	67970	8.75	UG/L	99
63) ISOPROPYLBENZENE	8.642	120	102165	11.02	UG/L	86
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	106625	11.74	UG/L	98
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	34354	8.13	UG/L	81
66) BROMOBENZENE	8.912	77	180496	10.09	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.974	110	33284	9.36	UG/L	87
68) N-PROPYLBENZENE	9.046	91	545651	10.96	UG/L	94
69) 2-CHLOROT0LUENE	9.113	91	340732	10.15	UG/L	87
70) 1,3,5-TRIMETHYLBENZENE	9.225	105	412738	10.10	UG/L	92
71) 4-CHLOROTOLUENE	9.222	91	389927	9.72	UG/L	89
73) TERT-BUTYLBENZENE	9.543	119	333599	10.63	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	421220	10.89	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	96349	11.30	UG/L	75
76) 1,3-DICHLOROBENZENE	9.849	146	230439	10.92	UG/L	96
77) P-ISOPROPYLTOLUENE	9.911	119	397867	9.65	UG/L	92
78) 1,4-DICHLOROBENZENE	9.939	146	228866	9.99	UG/L	91
79) N-BUTYLBENZENE	10.315	91	414356	11.10	UG/L	91
80) 1,2-DICHLOROBENZENE	10.301	146	211953	10.83	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	21917	8.25	UG/L	64
82) 1,3,5-TRICHLOROBENZENE	11.288	180	185349	10.47	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.896	180	161795	10.60	UG/L	95
84) HEXACHLOROBUTADIENE	12.083	225	110402	8.54	UG/L	94
85) NAPHTHALENE	12.130	128	334477	10.27	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154722	10.73	UG/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030003.D
Acq On : 30 Jan 2012 5:58 am
Operator : MFF
Sample : S001791-CCV1 @ 8260 STD 10PPB Inst : GCMSVOA4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 14:26:18 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001791	Instrument:	GCMSVOA4
		Calibration:	1200015

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001791-CCV1)			*Lab File ID: VD030003.D*			*Analyzed: 01/30/12 05:58*			
Pentafluorobenzene	1586654	4.063	1508979	4.063	105	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2284529	4.782	2100922	4.785	109	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	1119995	7.621	1203776	7.621	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1068054	9.916	1223896	9.916	87	50 - 200	0.0000	+/-0.50	
LCS (B045245-BS1)			*Lab File ID: VD030004.D*			*Analyzed: 01/30/12 06:24*			
Pentafluorobenzene	1583058	4.063	1586654	4.063	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2317769	4.785	2284529	4.782	101	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1124975	7.621	1119995	7.621	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1083097	9.916	1068054	9.916	101	50 - 200	0.0000	+/-0.50	
LCS Dup (B045245-BSD1)			*Lab File ID: VD030005.D*			*Analyzed: 01/30/12 06:49*			
Pentafluorobenzene	1609732	4.063	1586654	4.063	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2371652	4.785	2284529	4.782	104	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1157972	7.621	1119995	7.621	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1097141	9.919	1068054	9.916	103	50 - 200	0.0030	+/-0.50	
Blank (B045245-BLK1)			*Lab File ID: VD030007.D*			*Analyzed: 01/30/12 07:41*			
Pentafluorobenzene	1613878	4.063	1586654	4.063	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2363506	4.782	2284529	4.782	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1145727	7.621	1119995	7.621	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1074116	9.916	1068054	9.916	101	50 - 200	0.0000	+/-0.50	
FPC-SB01 (12A0882-01)			*Lab File ID: VD030018.D*			*Analyzed: 01/30/12 12:22*			
Pentafluorobenzene	1440124	4.063	1586654	4.063	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2122416	4.785	2284529	4.782	93	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	904967	7.621	1119995	7.621	81	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	637972	9.916	1068054	9.916	60	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001791	Instrument:	GCMSVOA4
		Calibration:	1200015

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB03 (12A0882-04)			*Lab File ID: VD030019.D*			*Analyzed: 01/30/12 12:47*			
Pentafluorobenzene	1500207	4.06	1586654	4.063	95	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	2147082	4.785	2284529	4.782	94	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	934408	7.621	1119995	7.621	83	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	633592	9.916	1068054	9.916	59	50 - 200	0.0000	+/-0.50	
FPC-SB02 (12A0882-02)			*Lab File ID: VD030020.D*			*Analyzed: 01/30/12 13:13*			
Pentafluorobenzene	1449858	4.06	1586654	4.063	91	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	2099007	4.782	2284529	4.782	92	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	901078	7.621	1119995	7.621	80	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	603450	9.913	1068054	9.916	56	50 - 200	-0.0030	+/-0.50	
FPC-SB02/D (12A0882-03)			*Lab File ID: VD030021.D*			*Analyzed: 01/30/12 13:38*			
Pentafluorobenzene	1447950	4.063	1586654	4.063	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2095484	4.785	2284529	4.782	92	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	871167	7.621	1119995	7.621	78	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	560452	9.916	1068054	9.916	52	50 - 200	0.0000	+/-0.50	
Matrix Spike (B045245-MS1)			*Lab File ID: VD030022.D*			*Analyzed: 01/30/12 14:04*			
Pentafluorobenzene	1946022	4.06	1586654	4.063	123	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	3032688	4.782	2284529	4.782	133	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1305521	7.621	1119995	7.621	117	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	1003715	9.916	1068054	9.916	94	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B045245-MSD1)			*Lab File ID: VD030023.D*			*Analyzed: 01/30/12 14:29*			
Pentafluorobenzene	1562989	4.063	1586654	4.063	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	2271180	4.785	2284529	4.782	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	1000374	7.624	1119995	7.621	89	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	741838	9.916	1068054	9.916	69	50 - 200	0.0000	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.014	0.10	V-16
107-13-1	Acrylonitrile		0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00070	0.0010	
71-43-2	Benzene		0.00030	0.0020	
108-86-1	Bromobenzene		0.00030	0.0020	
74-97-5	Bromochloromethane		0.00050	0.0020	
75-27-4	Bromodichloromethane		0.00040	0.0020	V-05
75-25-2	Bromoform		0.00040	0.0020	
74-83-9	Bromomethane		0.00090	0.010	
78-93-3	2-Butanone (MEK)		0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)		0.0073	0.040	V-16
104-51-8	n-Butylbenzene		0.00030	0.0020	
135-98-8	sec-Butylbenzene		0.00030	0.0020	
98-06-6	tert-Butylbenzene		0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00040	0.0010	
75-15-0	Carbon Disulfide		0.00040	0.0060	
56-23-5	Carbon Tetrachloride		0.00050	0.0020	V-05
108-90-7	Chlorobenzene		0.00030	0.0020	
124-48-1	Chlorodibromomethane		0.00040	0.0010	V-05
75-00-3	Chloroethane		0.00050	0.020	R-05
67-66-3	Chloroform		0.00030	0.0040	
74-87-3	Chloromethane		0.00030	0.010	
95-49-8	2-Chlorotoluene		0.00030	0.0020	
106-43-4	4-Chlorotoluene		0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0014	0.0020	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.00040	0.0010	
74-95-3	Dibromomethane		0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene		0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene		0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane		0.0011	0.0020	
107-06-2	1,2-Dichloroethane		0.00040	0.0020	L-04, V-05
75-35-4	1,1-Dichloroethylene		0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00040	0.0020	
78-87-5	1,2-Dichloropropane		0.0011	0.0020	
142-28-9	1,3-Dichloropropane		0.00030	0.0010	
594-20-7	2,2-Dichloropropane		0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene		0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00040	0.0010	
60-29-7	Diethyl Ether		0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)		0.00040	0.0010	
123-91-1	1,4-Dioxane		0.016	0.10	V-16
100-41-4	Ethylbenzene		0.00030	0.0020	
87-68-3	Hexachlorobutadiene		0.00040	0.0020	
591-78-6	2-Hexanone (MBK)		0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00030	0.0020	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BLK1	File ID:	VD030007.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 07:41
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00040	0.0040	
75-09-2	Methylene Chloride		0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0059	0.020	
91-20-3	Naphthalene		0.00030	0.0040	
103-65-1	n-Propylbenzene		0.00030	0.0020	
100-42-5	Styrene		0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane		0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00040	0.0010	
127-18-4	Tetrachloroethylene		0.00050	0.0020	
109-99-9	Tetrahydrofuran		0.0015	0.010	V-16
108-88-3	Toluene		0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene		0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane		0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane		0.00030	0.0020	
79-01-6	Trichloroethylene		0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.00050	0.010	V-05
96-18-4	1,2,3-Trichloropropane		0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00040	0.0020	
75-01-4	Vinyl Chloride		0.00050	0.010	
108383/106423	m+p Xylene		0.00070	0.0040	
95-47-6	o-Xylene		0.00040	0.0020	

Quantitation Report (QT Reviewed)

205

Data Path : Y:\1\DATA\013012\
Data File : VD030007.D
Acq On : 30 Jan 2012 7:41 am
Operator : MFF
Sample : B045245-BLK1 Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

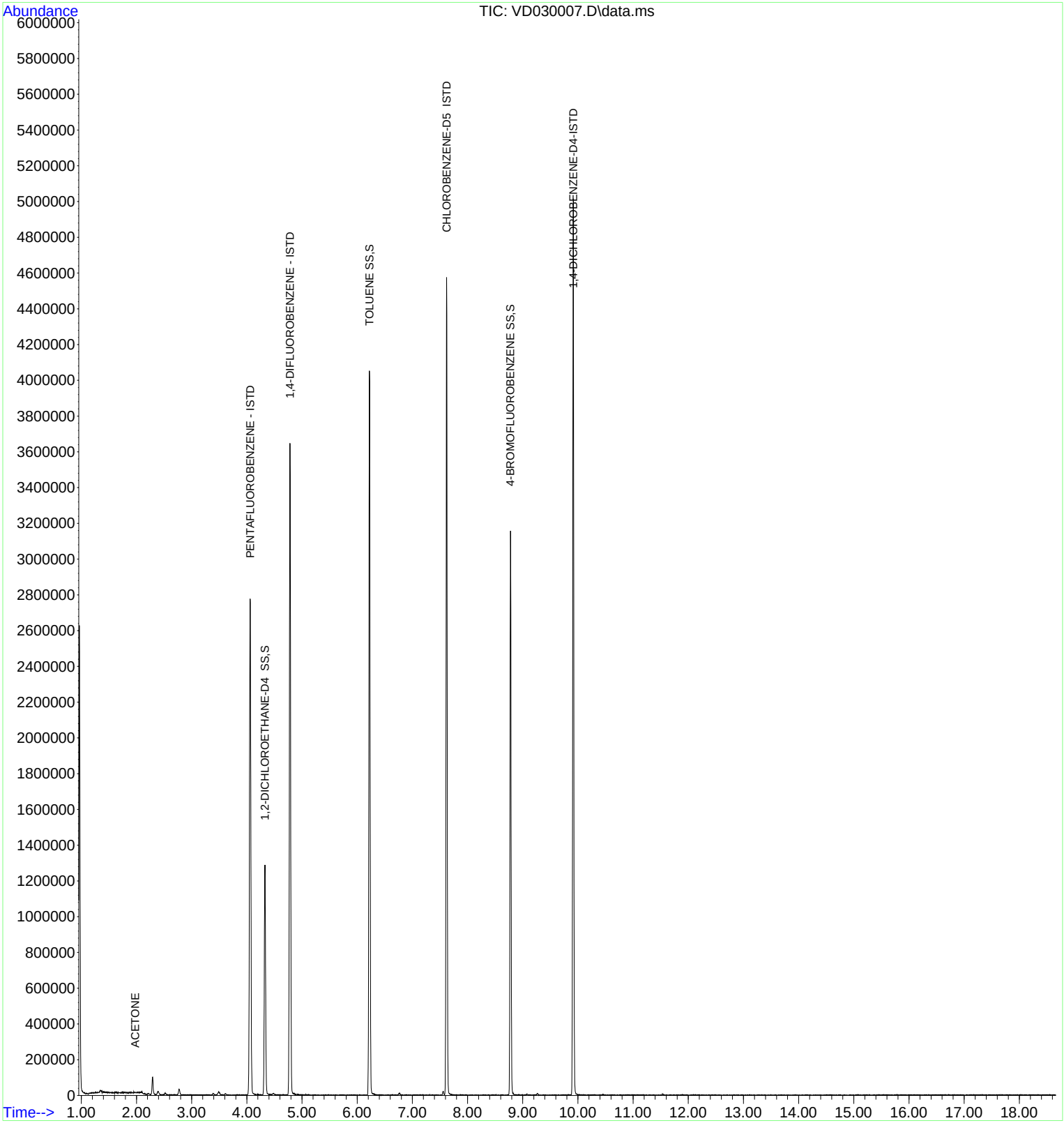
Quant Time: Jan 30 08:00:56 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

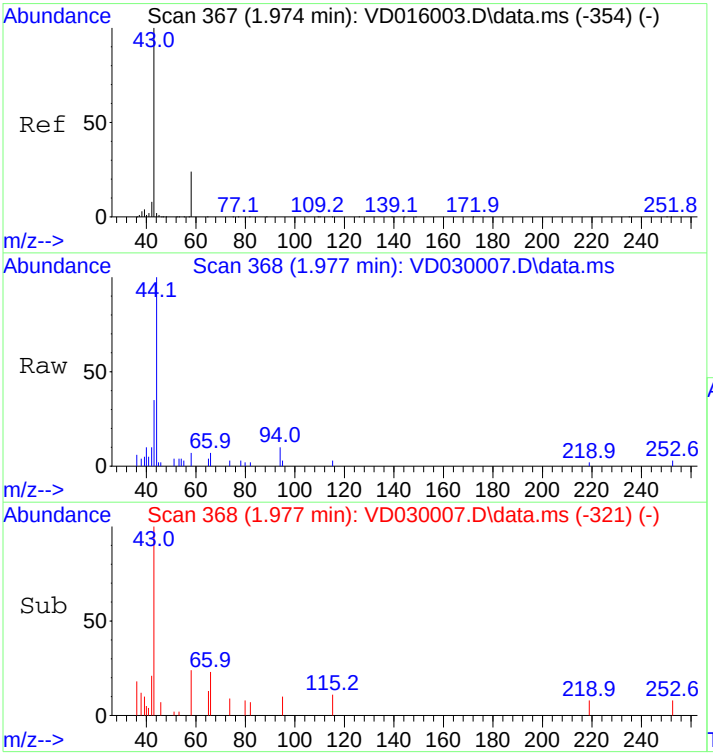
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1613878	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	2363506	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1145727	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1074116	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	794104	20.36	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.44%				
36) TOLUENE SS	6.221	98	2208373	23.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.76%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	886952	23.19	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.76%				
Target Compounds							Qvalue
10) ACETONE	1.977	43	1795	0.67	UG/L		76
16) METHYLENE CHLORIDE	2.289	49	43044	Below Cal			80
30) CYCLOHEXANE	4.057	56	32149	Below Cal		#	56

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030007.D
Acq On : 30 Jan 2012 7:41 am
Operator : MFF
Sample : B045245-BLK1 Inst : GCMSVOA4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 08:00:56 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

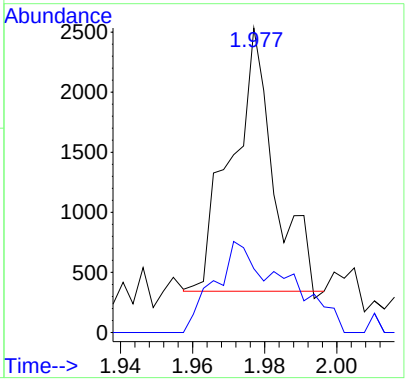


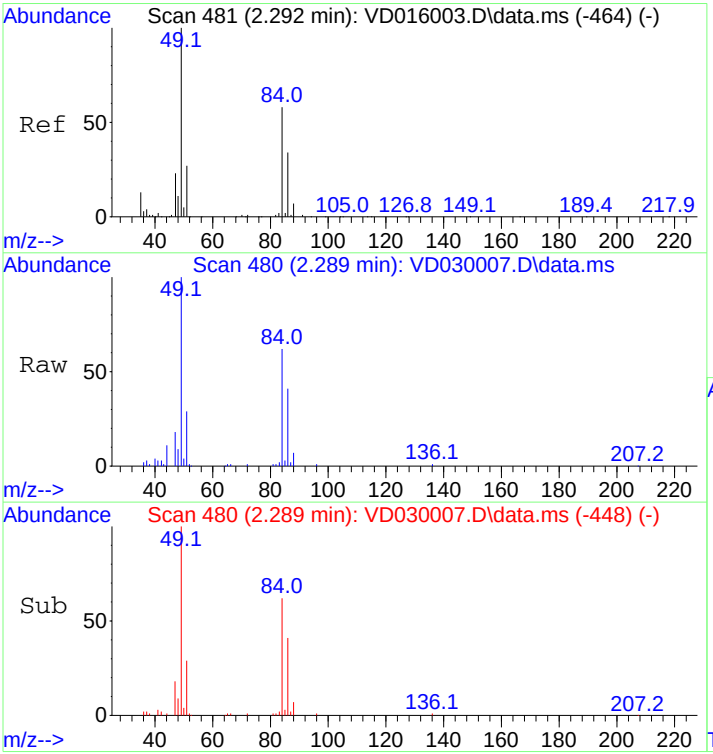


#10
ACETONE
Concen: 0.67 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 43 Resp: 1795

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	46.6

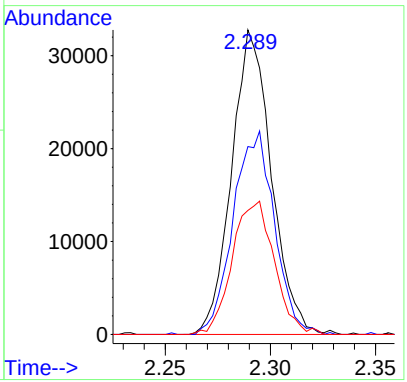


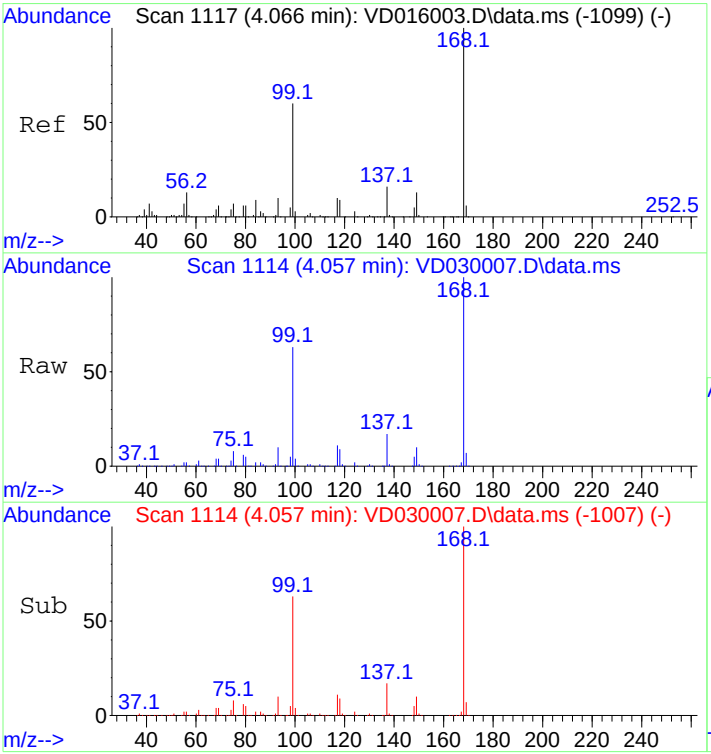


#16
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.289 min Scan# 480
Delta R.T. -0.002 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 49 Resp: 43044

Ion	Ratio	Lower	Upper
49	100		
84	69.4	0.0	163.8
86	46.3	0.0	105.9

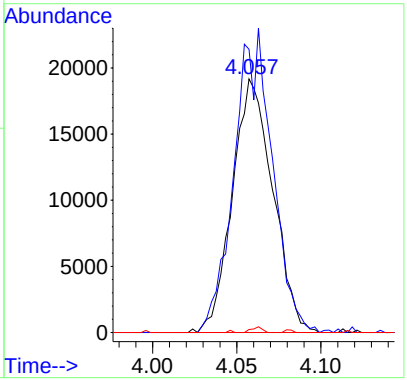




#30
CYCLOHEXANE
Concen: Below Cal
RT: 4.057 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VD030007.D
Acq: 30 Jan 2012 7:41 am

Tgt Ion: 56 Resp: 32149

Ion	Ratio	Lower	Upper
56	100		
84	61.7	64.5	96.7#
41	0.0	44.6	67.0#



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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.187	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0176	0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0189	0.00070	0.0010	
71-43-2	Benzene	0.0226	0.00030	0.0020	
108-86-1	Bromobenzene	0.0198	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0208	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0148	0.00040	0.0020	V-05
75-25-2	Bromoform	0.0168	0.00040	0.0020	
74-83-9	Bromomethane	0.0127	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.179	0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)	0.141	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0219	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0229	0.00030	0.0020	
98-06-6	tert-Butylbenzene	0.0215	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0157	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0210	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0151	0.00050	0.0020	V-05
108-90-7	Chlorobenzene	0.0215	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0149	0.00040	0.0010	V-05
75-00-3	Chloroethane	0.0165	0.00050	0.020	R-05
67-66-3	Chloroform	0.0174	0.00030	0.0040	
74-87-3	Chloromethane	0.0203	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0205	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0199	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0157	0.0014	0.0020	
106-93-4	1,2-Dibromoethane (EDB)	0.0186	0.00040	0.0010	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0179	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0216	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0219	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0199	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0155	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0155	0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane	0.0195	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0132	0.00040	0.0020	V-05, L-04
75-35-4	1,1-Dichloroethylene	0.0160	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0172	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0189	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0204	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0187	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0152	0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene	0.0185	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0183	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0179	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0206	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0180	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.173	0.016	0.10	V-16
100-41-4	Ethylbenzene	0.0215	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0174	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.155	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0260	0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0198	0.00030	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0170	0.00040	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BS1	File ID:	VD030004.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:24
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0166	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.151	0.0059	0.020	
91-20-3	Naphthalene	0.0196	0.00030	0.0040	
103-65-1	n-Propylbenzene	0.0219	0.00030	0.0020	
100-42-5	Styrene	0.0229	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0183	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0224	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0179	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0213	0.0015	0.010	V-16
108-88-3	Toluene	0.0184	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0211	0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0211	0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0205	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0148	0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane	0.0197	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0182	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0142	0.00050	0.010	V-05
96-18-4	1,2,3-Trichloropropane	0.0186	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0167	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0213	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0200	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0195	0.00050	0.010	
108383/106423	m+p Xylene	0.0410	0.00070	0.0040	
95-47-6	o-Xylene	0.0206	0.00040	0.0020	

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1583058	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2317769	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1124975	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1083097	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	762506	19.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.76%				
36) TOLUENE SS	6.224	98	2186778	24.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.68%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	893795	23.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	129255m	7.76	UG/L		
4) CHLOROMETHANE	1.151	50	112740	10.16	UG/L		98
5) VINYL CHLORIDE	1.210	62	99864	9.73	UG/L		98
6) BROMOMETHANE	1.394	94	39970	6.34	UG/L		97
7) CHLOROETHANE	1.452	64	44458	8.26	UG/L		100
8) TRICHLOROFLUOROMETHANE	1.606	101	149851	7.11	UG/L		99
9) DI ETHYL ETHER	1.787	74	38350	10.31	UG/L		86
10) ACETONE	1.977	43	244452	93.67	UG/L		80
11) 1,1-DICHLOROETHENE	1.940	61	129598	8.00	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	80571	8.35	UG/L		100
13) T-BUTYL ALCOHOL	2.398	59	92526	70.32	UG/L	#	96
14) ACRYLONITRILE	2.501	53	35547	8.82	UG/L		98
15) METHYL ACETATE	2.217	43	90438	2.37	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	185393	8.29	UG/L		84
17) CARBON DISULFIDE	2.097	76	247838	10.48	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.529	73	235427	8.50	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	165247	9.44	UG/L		96
20) 1,1-DICHLOROETHANE	2.908	63	193016	9.77	UG/L		98
21) DI ISOPROPYL ETHER	2.997	45	329360	8.99	UG/L		89
22) 2-BUTANONE	3.533	43	461447	89.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.377	59	273441	7.83	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	177543	8.58	UG/L		95
25) 2,2-DICHLOROPROPANE	3.505	77	151077	7.62	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50025	10.42	UG/L		92
27) TETRAHYDROFURAN	3.803	72	10425	10.67	UG/L		59
28) CHLOROFORM	3.837	83	189524	8.69	UG/L		97
29) 1,1,1-TRICHLOROETHANE	4.010	97	170986	7.42	UG/L		97
30) CYCLOHEXANE	4.068	56	217627	8.90	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	164792	7.55	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	43909	9.23	UG/L		92
33) BENZENE	4.383	78	373038	11.29	UG/L		100
34) T-AMYLMETHYL ETHER	4.523	73	205969	9.47	UG/L		91
37) 1,2-DICHLOROETHANE	4.406	62	155635	6.58	UG/L		96
38) TRICHLOROETHENE	5.030	95	107922	9.09	UG/L		84
39) METHYL CYCLOHEXANE	5.214	83	172622	9.82	UG/L		93
40) 1,2-DICHLOROPROPANE	5.248	63	102779	10.21	UG/L		99
41) DIBROMOMETHANE	5.357	93	58136	8.95	UG/L		88
42) 1,4-DIOXANE	5.412	88	8665	86.63	UG/L	#	1
43) BROMODICHLOROMETHANE	5.524	83	137668	7.42	UG/L		99
44) MIBK	6.135	43	814290	75.37	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	136069	9.17	UG/L		93
46) TOLUENE	6.285	91	403372	9.22	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	131005	8.97	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

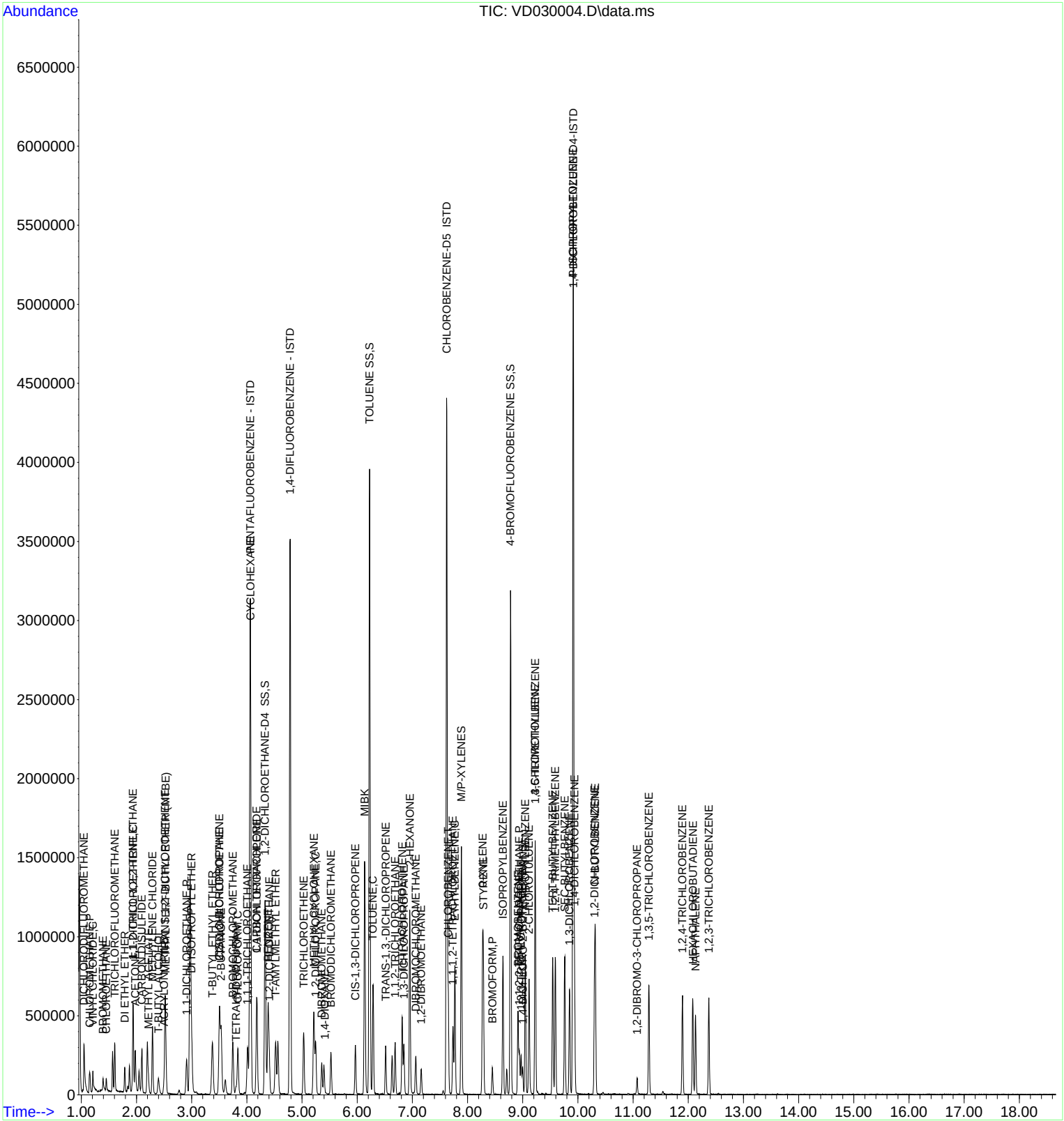
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	65709	9.86	UG/L	96
49) 2-HEXANONE	6.954	43	616020	77.47	UG/L	80
50) TETRACHLOROETHENE	6.818	166	116286	8.97	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	135284	9.36	UG/L	100
52) DIBROMOCHLOROMETHANE	7.063	129	102854	7.44	UG/L	99
53) 1,2-DIBROMOETHANE	7.161	107	86692	9.30	UG/L	99
56) CHLOROBENZENE	7.649	112	274067	10.74	UG/L	86
57) 1,1,1,2-TETRACHLOROETHANE	7.732	131	100039	9.13	UG/L	98
58) ETHYLBENZENE	7.769	91	476583	10.75	UG/L	94
59) M/P-XYLENES	7.889	91	756795	20.49	UG/L	92
60) 0-XYLENE	8.273	91	376222	10.32	UG/L	91
61) STYRENE	8.287	104	291841	11.44	UG/L	79
62) BROMOFORM	8.452	173	65424	8.39	UG/L	99
63) ISOPROPYLBENZENE	8.639	120	121189	13.01	UG/L	84
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	101927	11.18	UG/L	99
65) 1,4-DICHLORO-2-BUTENE(...	9.001	53	32814m	7.73	UG/L	
66) BROMOBENZENE	8.915	77	177566	9.89	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	33215	9.30	UG/L	95
68) N-PROPYLBENZENE	9.046	91	548480	10.97	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	344813	10.23	UG/L	88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	411254	10.02	UG/L	91
71) 4-CHLOROTOLUENE	9.224	91	401533	9.97	UG/L	88
73) TERT-BUTYLBENZENE	9.542	119	342444	10.76	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	416892	10.63	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	99058	11.46	UG/L	78
76) 1,3-DICHLOROBENZENE	9.846	146	234675	10.97	UG/L	95
77) P-ISOPROPYLTOLUENE	9.910	119	413700	9.90	UG/L	91
78) 1,4-DICHLOROBENZENE	9.938	146	231290	9.96	UG/L	93
79) N-BUTYLBENZENE	10.315	91	415008	10.97	UG/L	92
80) 1,2-DICHLOROBENZENE	10.301	146	214759	10.82	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	21155	7.86	UG/L	63
82) 1,3,5-TRICHLOROBENZENE	11.288	180	184059	10.25	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.893	180	163524	10.56	UG/L	96
84) HEXACHLOROBUTADIENE	12.086	225	114198	8.71	UG/L	92
85) NAPHTHALENE	12.133	128	322394	9.81	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154340	10.55	UG/L	94

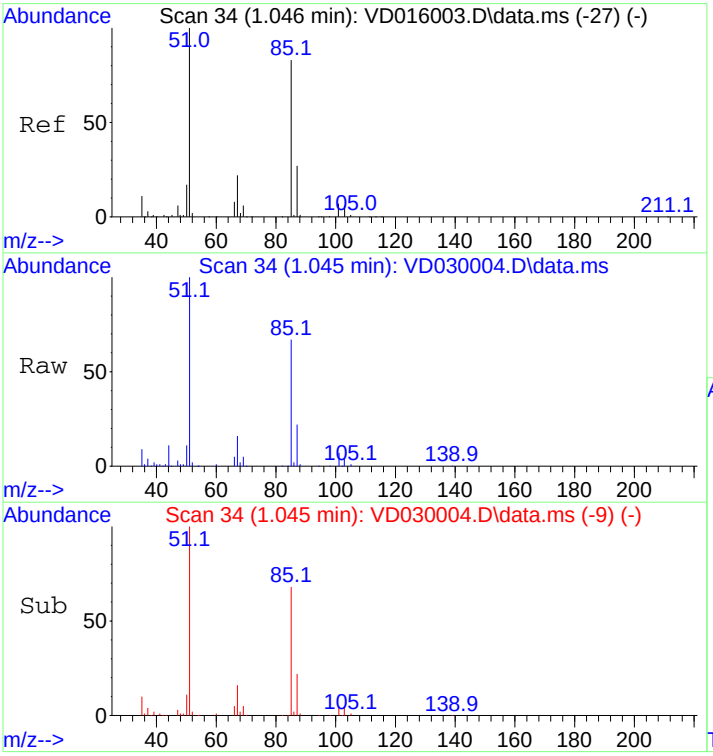
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

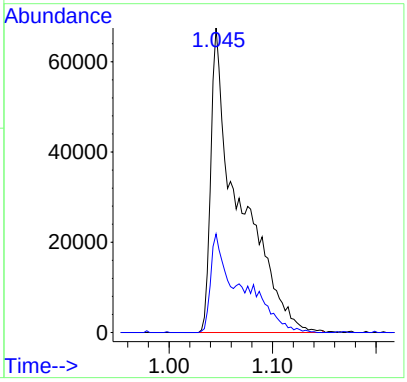


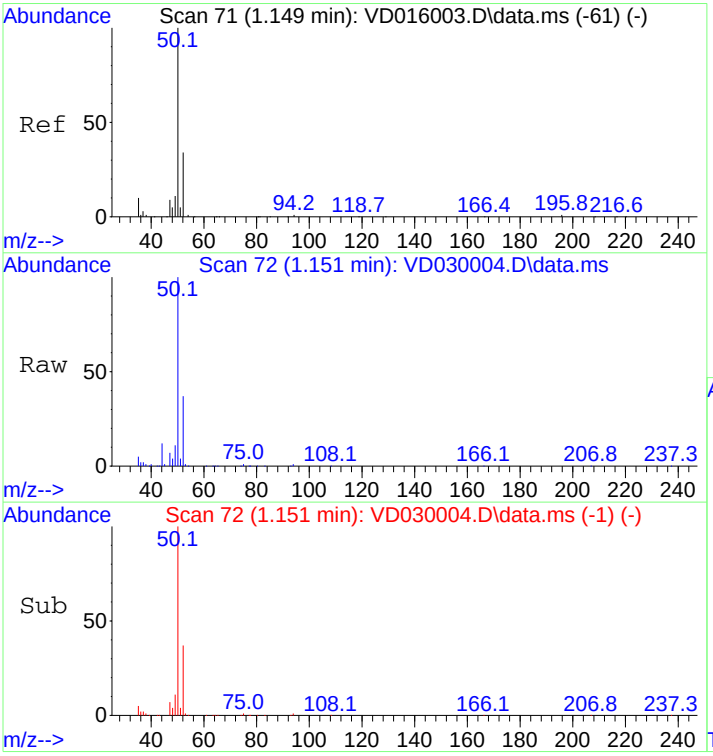


#3
DICHLORODIFLUOROMETHANE
Concen: 7.76 UG/L m
RT: 1.045 min Scan# 34
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 85 Resp: 129255

Ion	Ratio	Lower	Upper
85	100		
87	17.7	0.0	63.6

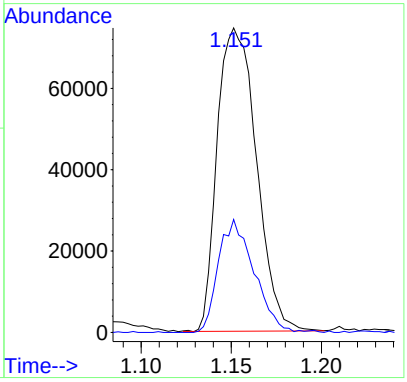


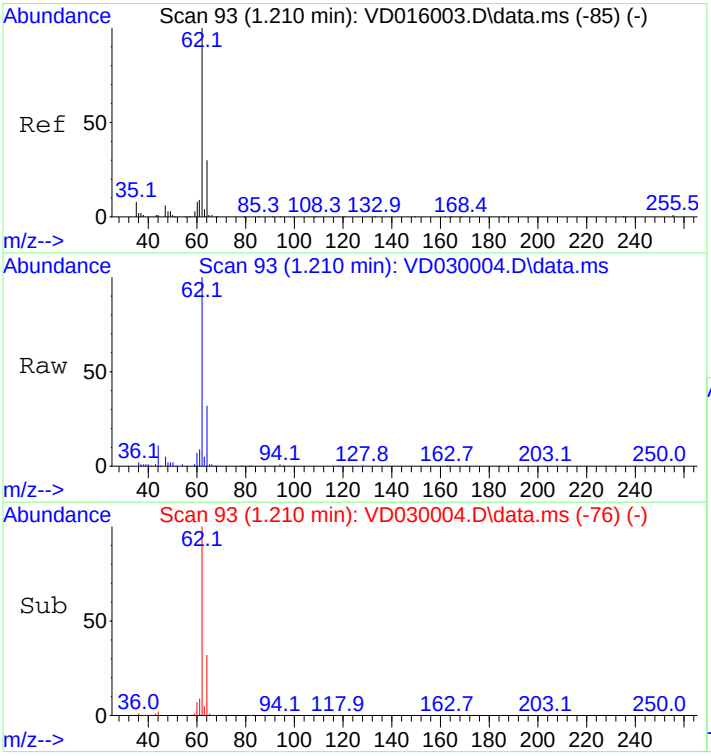


#4
CHLOROMETHANE
Concen: 10.16 UG/L
RT: 1.151 min Scan# 72
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 50 Resp: 112740

Ion	Ratio	Lower	Upper
50	100		
52	33.7	0.0	65.2

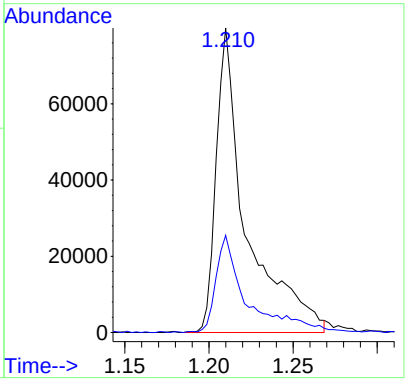


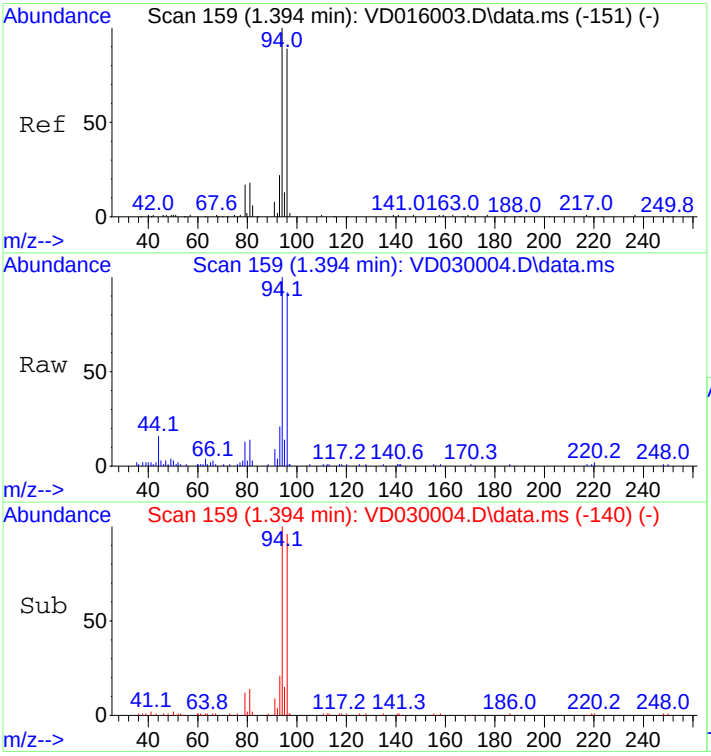


#5
VINYL CHLORIDE
Concen: 9.73 UG/L
RT: 1.210 min Scan# 93
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 62 Resp: 99864

Ion	Ratio	Lower	Upper
62	100		
64	32.1	0.0	62.2

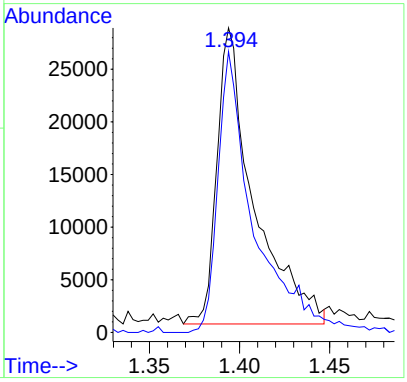


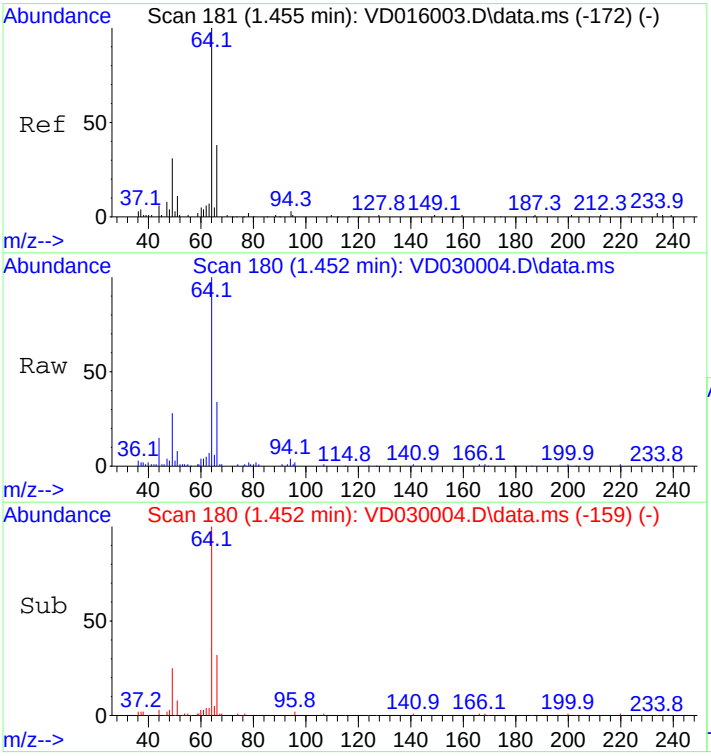


#6
BROMOMETHANE
Concen: 6.34 UG/L
RT: 1.394 min Scan# 159
Delta R.T. 0.001 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 94 Resp: 39970

Ion	Ratio	Lower	Upper
94	100		
96	92.8	0.0	191.0

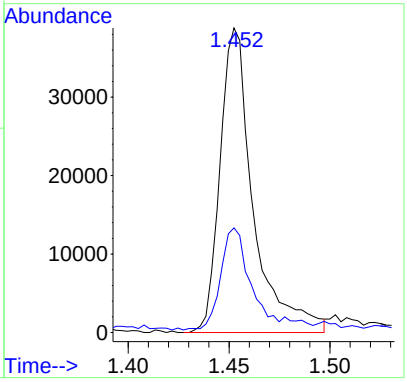


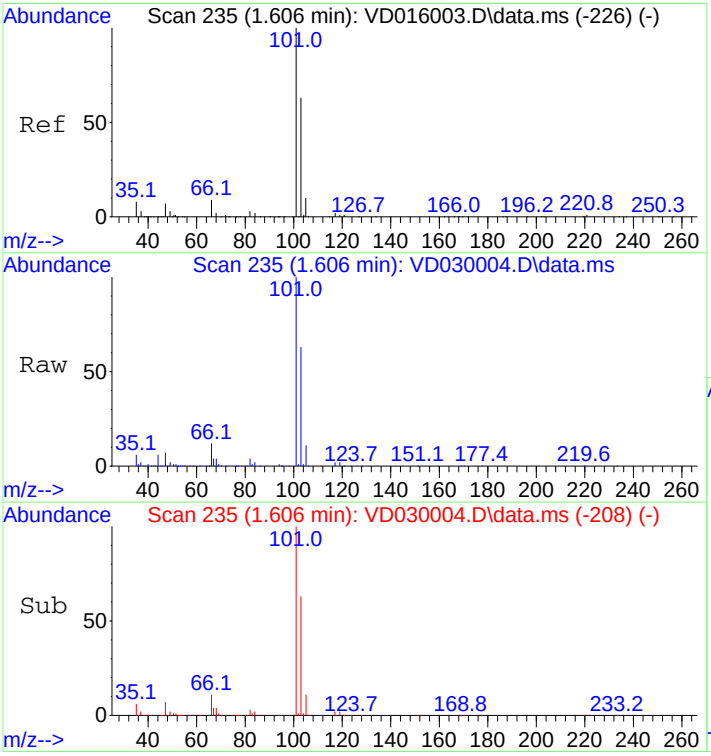


#7
CHLOROETHANE
Concen: 8.26 UG/L
RT: 1.452 min Scan# 180
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 64 Resp: 44458

Ion	Ratio	Lower	Upper
64	100		
66	32.1	0.0	64.0

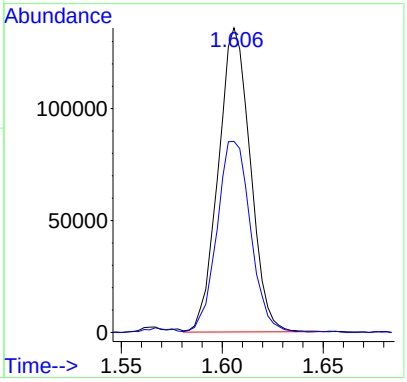


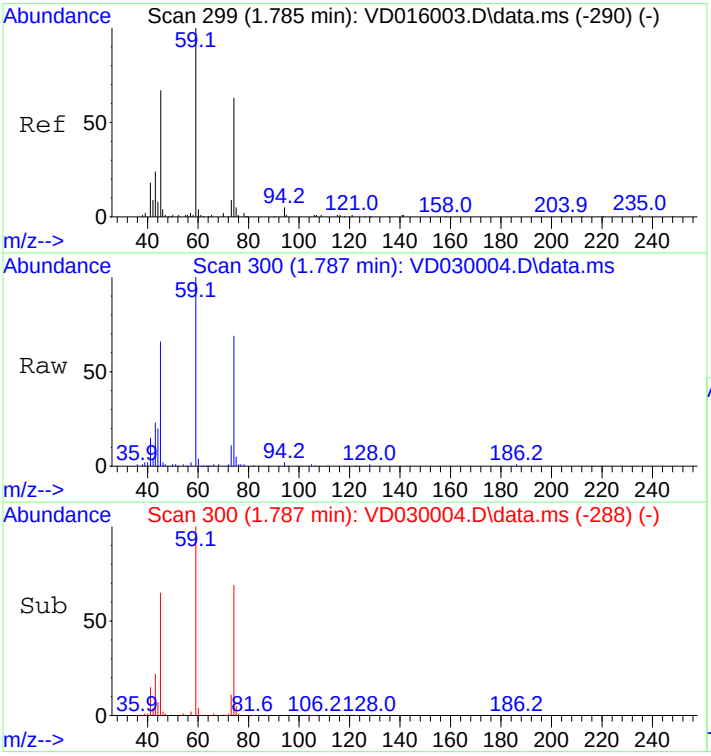


#8
TRICHLOROFLUOROMETHANE
Concen: 7.11 UG/L
RT: 1.606 min Scan# 235
Delta R.T. -0.003 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion:101 Resp: 149851

Ion	Ratio	Lower	Upper
101	100		
103	65.6	0.0	130.2

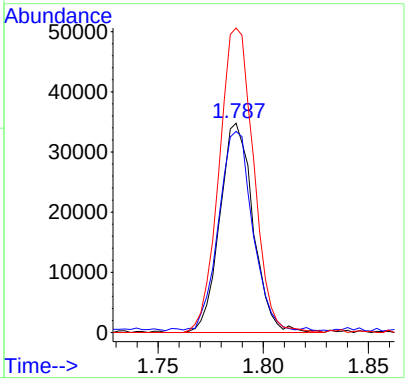


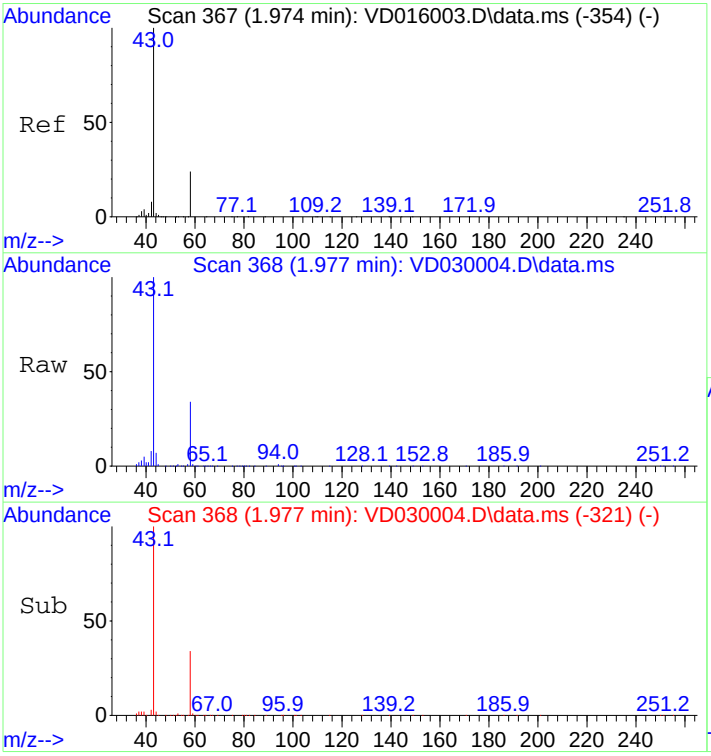


#9
DI ETHYL ETHER
Concen: 10.31 UG/L
RT: 1.787 min Scan# 300
Delta R.T. -0.002 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 74 Resp: 38350

Ion	Ratio	Lower	Upper
74	100		
45	95.8	0.0	254.6
59	150.5	0.0	296.2

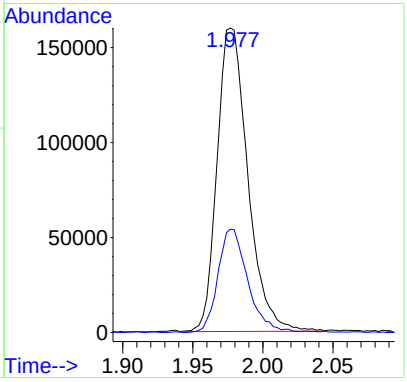




#10
ACETONE
Concen: 93.67 UG/L
RT: 1.977 min Scan# 368
Delta R.T. 0.001 min
Lab File: VD030004.D
Acq: 30 Jan 2012 6:24 am

Tgt Ion: 43 Resp: 244452

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	46.6



Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1583058	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2317769	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1124975	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1083097	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.330	65	762506	19.94	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 79.76%				
36) TOLUENE SS	6.224	98	2186778	24.17	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.68%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	893795	23.80	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	129255m	7.76	UG/L		
4) CHLOROMETHANE	1.151	50	112740	10.16	UG/L		98
5) VINYL CHLORIDE	1.210	62	99864	9.73	UG/L		98
6) BROMOMETHANE	1.394	94	39970	6.34	UG/L		97
7) CHLOROETHANE	1.452	64	44458	8.26	UG/L		100
8) TRICHLOROFLUOROMETHANE	1.606	101	149851	7.11	UG/L		99
9) DI ETHYL ETHER	1.787	74	38350	10.31	UG/L		86
10) ACETONE	1.977	43	244452	93.67	UG/L		80
11) 1,1-DICHLOROETHENE	1.940	61	129598	8.00	UG/L		93
12) 1,1,2-TRICL-1,2,2-TRIF...	1.938	101	80571	8.35	UG/L		100
13) T-BUTYL ALCOHOL	2.398	59	92526	70.32	UG/L	#	96
14) ACRYLONITRILE	2.501	53	35547	8.82	UG/L		98
15) METHYL ACETATE	2.217	43	90438	2.37	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	185393	8.29	UG/L		84
17) CARBON DISULFIDE	2.097	76	247838	10.48	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.529	73	235427	8.50	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	165247	9.44	UG/L		96
20) 1,1-DICHLOROETHANE	2.908	63	193016	9.77	UG/L		98
21) DI ISOPROPYL ETHER	2.997	45	329360	8.99	UG/L		89
22) 2-BUTANONE	3.533	43	461447	89.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.377	59	273441	7.83	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	177543	8.58	UG/L		95
25) 2,2-DICHLOROPROPANE	3.505	77	151077	7.62	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50025	10.42	UG/L		92
27) TETRAHYDROFURAN	3.803	72	10425	10.67	UG/L		59
28) CHLOROFORM	3.837	83	189524	8.69	UG/L		97
29) 1,1,1-TRICHLOROETHANE	4.010	97	170986	7.42	UG/L		97
30) CYCLOHEXANE	4.068	56	217627	8.90	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	164792	7.55	UG/L		99
32) 1,1-DICHLOROPROPENE	4.183	77	43909	9.23	UG/L		92
33) BENZENE	4.383	78	373038	11.29	UG/L		100
34) T-AMYLMETHYL ETHER	4.523	73	205969	9.47	UG/L		91
37) 1,2-DICHLOROETHANE	4.406	62	155635	6.58	UG/L		96
38) TRICHLOROETHENE	5.030	95	107922	9.09	UG/L		84
39) METHYL CYCLOHEXANE	5.214	83	172622	9.82	UG/L		93
40) 1,2-DICHLOROPROPANE	5.248	63	102779	10.21	UG/L		99
41) DIBROMOMETHANE	5.357	93	58136	8.95	UG/L		88
42) 1,4-DIOXANE	5.412	88	8665	86.63	UG/L	#	1
43) BROMODICHLOROMETHANE	5.524	83	137668	7.42	UG/L		99
44) MIBK	6.135	43	814290	75.37	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	136069	9.17	UG/L		93
46) TOLUENE	6.285	91	403372	9.22	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	131005	8.97	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

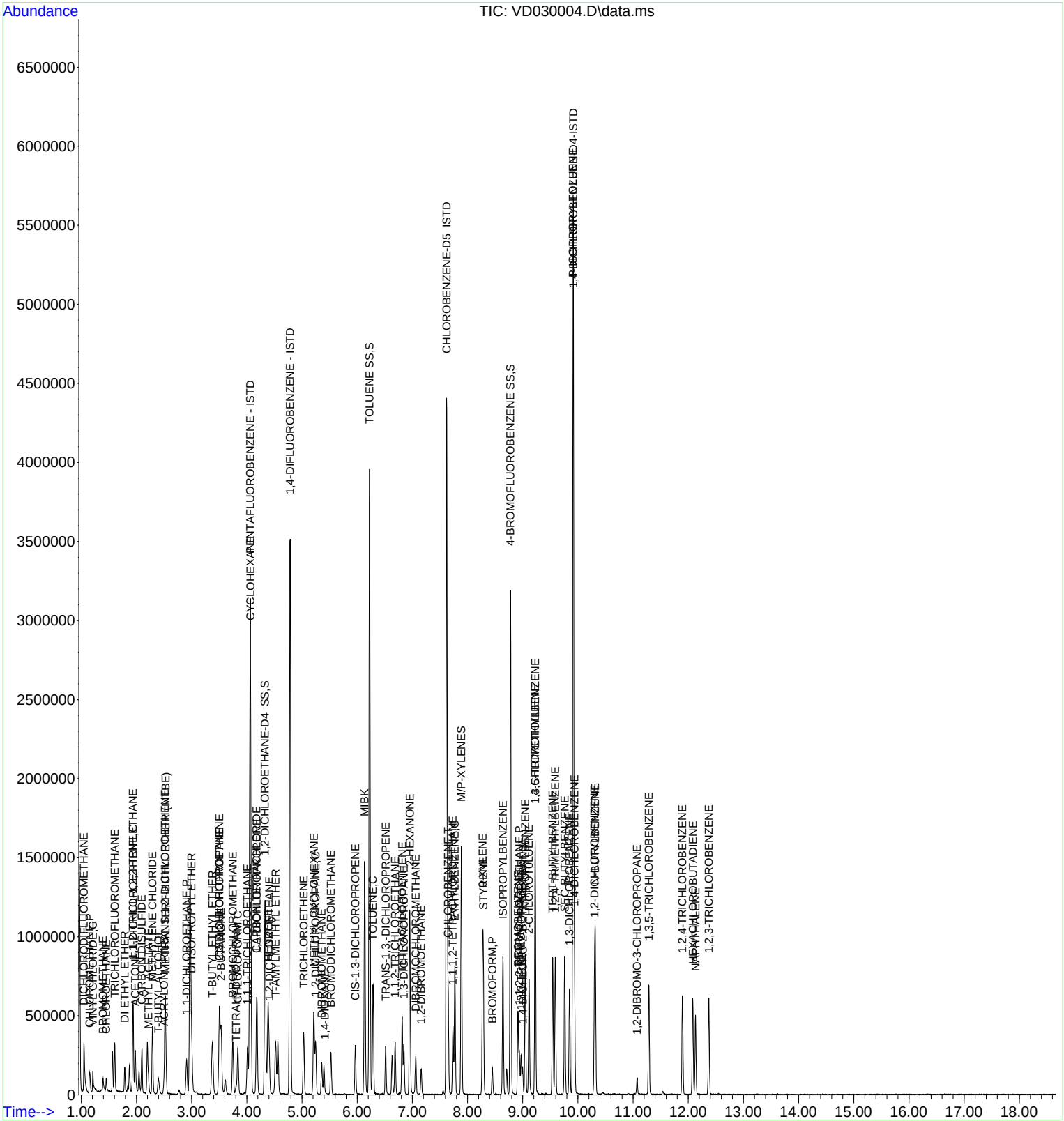
Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	65709	9.86	UG/L	96
49) 2-HEXANONE	6.954	43	616020	77.47	UG/L	80
50) TETRACHLOROETHENE	6.818	166	116286	8.97	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	135284	9.36	UG/L	100
52) DIBROMOCHLOROMETHANE	7.063	129	102854	7.44	UG/L	99
53) 1,2-DIBROMOETHANE	7.161	107	86692	9.30	UG/L	99
56) CHLOROBENZENE	7.649	112	274067	10.74	UG/L	86
57) 1,1,1,2-TETRACHLOROETHANE	7.732	131	100039	9.13	UG/L	98
58) ETHYLBENZENE	7.769	91	476583	10.75	UG/L	94
59) M/P-XYLENES	7.889	91	756795	20.49	UG/L	92
60) 0-XYLENE	8.273	91	376222	10.32	UG/L	91
61) STYRENE	8.287	104	291841	11.44	UG/L	79
62) BROMOFORM	8.452	173	65424	8.39	UG/L	99
63) ISOPROPYLBENZENE	8.639	120	121189	13.01	UG/L	84
64) 1,1,2,2-TETRACHLOROETHANE	8.937	83	101927	11.18	UG/L	99
65) 1,4-DICHLORO-2-BUTENE(...	9.001	53	32814m	7.73	UG/L	
66) BROMOBENZENE	8.915	77	177566	9.89	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	33215	9.30	UG/L	95
68) N-PROPYLBENZENE	9.046	91	548480	10.97	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	344813	10.23	UG/L	88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	411254	10.02	UG/L	91
71) 4-CHLOROTOLUENE	9.224	91	401533	9.97	UG/L	88
73) TERT-BUTYLBENZENE	9.542	119	342444	10.76	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	416892	10.63	UG/L	92
75) SEC-BUTYLBENZENE	9.760	134	99058	11.46	UG/L	78
76) 1,3-DICHLOROBENZENE	9.846	146	234675	10.97	UG/L	95
77) P-ISOPROPYLTOLUENE	9.910	119	413700	9.90	UG/L	91
78) 1,4-DICHLOROBENZENE	9.938	146	231290	9.96	UG/L	93
79) N-BUTYLBENZENE	10.315	91	415008	10.97	UG/L	92
80) 1,2-DICHLOROBENZENE	10.301	146	214759	10.82	UG/L	95
81) 1,2-DIBROMO-3-CHLOROPR...	11.073	75	21155	7.86	UG/L	63
82) 1,3,5-TRICHLOROBENZENE	11.288	180	184059	10.25	UG/L	95
83) 1,2,4-TRICHLOROBENZENE	11.893	180	163524	10.56	UG/L	96
84) HEXACHLOROBUTADIENE	12.086	225	114198	8.71	UG/L	92
85) NAPHTHALENE	12.133	128	322394	9.81	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	154340	10.55	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030004.D
Acq On : 30 Jan 2012 6:24 am
Operator : MFF
Sample : B045245-BS1 Inst : GCMSVOA4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 07:42:38 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.164	0.014	0.10	V-16
107-13-1	Acrylonitrile	0.0179	0.0051	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0187	0.00070	0.0010	
71-43-2	Benzene	0.0222	0.00030	0.0020	
108-86-1	Bromobenzene	0.0199	0.00030	0.0020	
74-97-5	Bromochloromethane	0.0207	0.00050	0.0020	
75-27-4	Bromodichloromethane	0.0145	0.00040	0.0020	V-05
75-25-2	Bromoform	0.0169	0.00040	0.0020	
74-83-9	Bromomethane	0.0115	0.00090	0.010	
78-93-3	2-Butanone (MEK)	0.168	0.0071	0.040	
75-65-0	tert-Butyl Alcohol (TBA)	0.144	0.0073	0.040	V-16
104-51-8	n-Butylbenzene	0.0215	0.00030	0.0020	
135-98-8	sec-Butylbenzene	0.0223	0.00030	0.0020	
98-06-6	tert-Butylbenzene	0.0212	0.00030	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0156	0.00040	0.0010	
75-15-0	Carbon Disulfide	0.0214	0.00040	0.0060	
56-23-5	Carbon Tetrachloride	0.0144	0.00050	0.0020	V-05
108-90-7	Chlorobenzene	0.0216	0.00030	0.0020	
124-48-1	Chlorodibromomethane	0.0149	0.00040	0.0010	V-05
75-00-3	Chloroethane	0.0124	0.00050	0.020	L-07A, R-05
67-66-3	Chloroform	0.0169	0.00030	0.0040	
74-87-3	Chloromethane	0.0195	0.00030	0.010	
95-49-8	2-Chlorotoluene	0.0201	0.00030	0.0020	
106-43-4	4-Chlorotoluene	0.0194	0.00030	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0155	0.0014	0.0020	
106-93-4	1,2-Dibromoethane (EDB)	0.0183	0.00040	0.0010	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0179	0.00040	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0224	0.00030	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0220	0.00030	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0200	0.00020	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0157	0.00090	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0148	0.00040	0.020	V-05
75-34-3	1,1-Dichloroethane	0.0190	0.0011	0.0020	
107-06-2	1,2-Dichloroethane	0.0131	0.00040	0.0020	L-04, V-05
75-35-4	1,1-Dichloroethylene	0.0154	0.00050	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0165	0.00030	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0180	0.00040	0.0020	
78-87-5	1,2-Dichloropropane	0.0202	0.0011	0.0020	
142-28-9	1,3-Dichloropropane	0.0189	0.00030	0.0010	
594-20-7	2,2-Dichloropropane	0.0147	0.00080	0.0020	V-05
563-58-6	1,1-Dichloropropene	0.0180	0.0019	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0188	0.00040	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0174	0.00040	0.0010	
60-29-7	Diethyl Ether	0.0192	0.00040	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0174	0.00040	0.0010	
123-91-1	1,4-Dioxane	0.206	0.016	0.10	V-16
100-41-4	Ethylbenzene	0.0208	0.00030	0.0020	
87-68-3	Hexachlorobutadiene	0.0165	0.00040	0.0020	
591-78-6	2-Hexanone (MBK)	0.153	0.0061	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0253	0.00040	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0195	0.00030	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0165	0.00040	0.0040	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-BSD1	File ID:	VD030005.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 06:49
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0160	0.00060	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.149	0.0059	0.020	
91-20-3	Naphthalene	0.0204	0.00030	0.0040	
103-65-1	n-Propylbenzene	0.0214	0.00030	0.0020	
100-42-5	Styrene	0.0228	0.00030	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0184	0.00030	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0229	0.00040	0.0010	
127-18-4	Tetrachloroethylene	0.0172	0.00050	0.0020	
109-99-9	Tetrahydrofuran	0.0209	0.0015	0.010	V-16
108-88-3	Toluene	0.0179	0.00040	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0214	0.00030	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0214	0.00040	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0200	0.00030	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0146	0.00050	0.0020	V-05
79-00-5	1,1,2-Trichloroethane	0.0197	0.00030	0.0020	
79-01-6	Trichloroethylene	0.0175	0.00040	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0137	0.00050	0.010	L-07, V-05
96-18-4	1,2,3-Trichloropropane	0.0185	0.00080	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0168	0.00060	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0210	0.00030	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0194	0.00040	0.0020	
75-01-4	Vinyl Chloride	0.0197	0.00050	0.010	
108383/106423	m+p Xylene	0.0401	0.00070	0.0040	
95-47-6	o-Xylene	0.0203	0.00040	0.0020	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1609732	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2371652	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1157972	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.919	152	1097141	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.331	65	777893	20.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 80.00%				
36) TOLUENE SS	6.224	98	2243229	24.23	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.92%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	916796	23.72	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.88%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.046	85	125181m	7.39	UG/L		
4) CHLOROMETHANE	1.149	50	109763	9.73	UG/L		99
5) VINYL CHLORIDE	1.210	62	102728	9.84	UG/L		98
6) BROMOMETHANE	1.400	94	36864	5.75	UG/L		100
7) CHLOROETHANE	1.453	64	33865	6.19	UG/L		89
8) TRICHLOROFLUOROMETHANE	1.609	101	147028	6.86	UG/L		98
9) DI ETHYL ETHER	1.787	74	36386	9.62	UG/L		87
10) ACETONE	1.980	43	217376	81.92	UG/L		79
11) 1,1-DICHLOROETHENE	1.941	61	126622	7.68	UG/L		95
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	82621	8.42	UG/L		99
13) T-BUTYL ALCOHOL	2.401	59	96533	72.15	UG/L	#	73
14) ACRYLONITRILE	2.496	53	36759	8.97	UG/L		100
15) METHYL ACETATE	2.220	43	90486	2.33	UG/L	#	98
16) METHYLENE CHLORIDE	2.289	49	184105	8.01	UG/L		81
17) CARBON DISULFIDE	2.102	76	257237	10.69	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	231907	8.23	UG/L		86
19) TRANS 1,2-DICHLOROETHENE	2.518	61	160006	8.99	UG/L		94
20) 1,1-DICHLOROETHANE	2.908	63	191374	9.52	UG/L		97
21) DI ISOPROPYL ETHER	2.998	45	324291	8.71	UG/L		89
22) 2-BUTANONE	3.536	43	439212	83.82	UG/L		88
23) T-BUTYL ETHYL ETHER	3.377	59	276847	7.80	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	173708	8.25	UG/L		97
25) 2,2-DICHLOROPROPANE	3.502	77	148456	7.36	UG/L		89
26) BROMOCHLOROMETHANE	3.748	128	50488	10.35	UG/L		94
27) TETRAHYDROFURAN	3.801	72	10353	10.43	UG/L		60
28) CHLOROFORM	3.837	83	187582	8.46	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.015	97	171230	7.31	UG/L		97
30) CYCLOHEXANE	4.066	56	212701	8.48	UG/L	#	91
31) CARBON TETRACHLORIDE	4.177	117	159910	7.20	UG/L		98
32) 1,1-DICHLOROPROPENE	4.183	77	43478	8.99	UG/L		92
33) BENZENE	4.386	78	373759	11.12	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	206718	9.34	UG/L		91
37) 1,2-DICHLOROETHANE	4.409	62	158864	6.57	UG/L		95
38) TRICHLOROETHENE	5.030	95	106140	8.73	UG/L		84
39) METHYL CYCLOHEXANE	5.215	83	165154	9.18	UG/L		93
40) 1,2-DICHLOROPROPANE	5.245	63	104030	10.10	UG/L		100
41) DIBROMOMETHANE	5.354	93	59408	8.93	UG/L		87
42) 1,4-DIOXANE	5.424	88	10486m	102.81	UG/L		
43) BROMODICHLOROMETHANE	5.527	83	137616	7.24	UG/L		98
44) MIBK	6.135	43	824459	74.58	UG/L	#	84
45) CIS-1,3-DICHLOROPROPENE	5.965	75	142376	9.38	UG/L		92
46) TOLUENE	6.288	91	400827	8.96	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	130063	8.70	UG/L		87

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

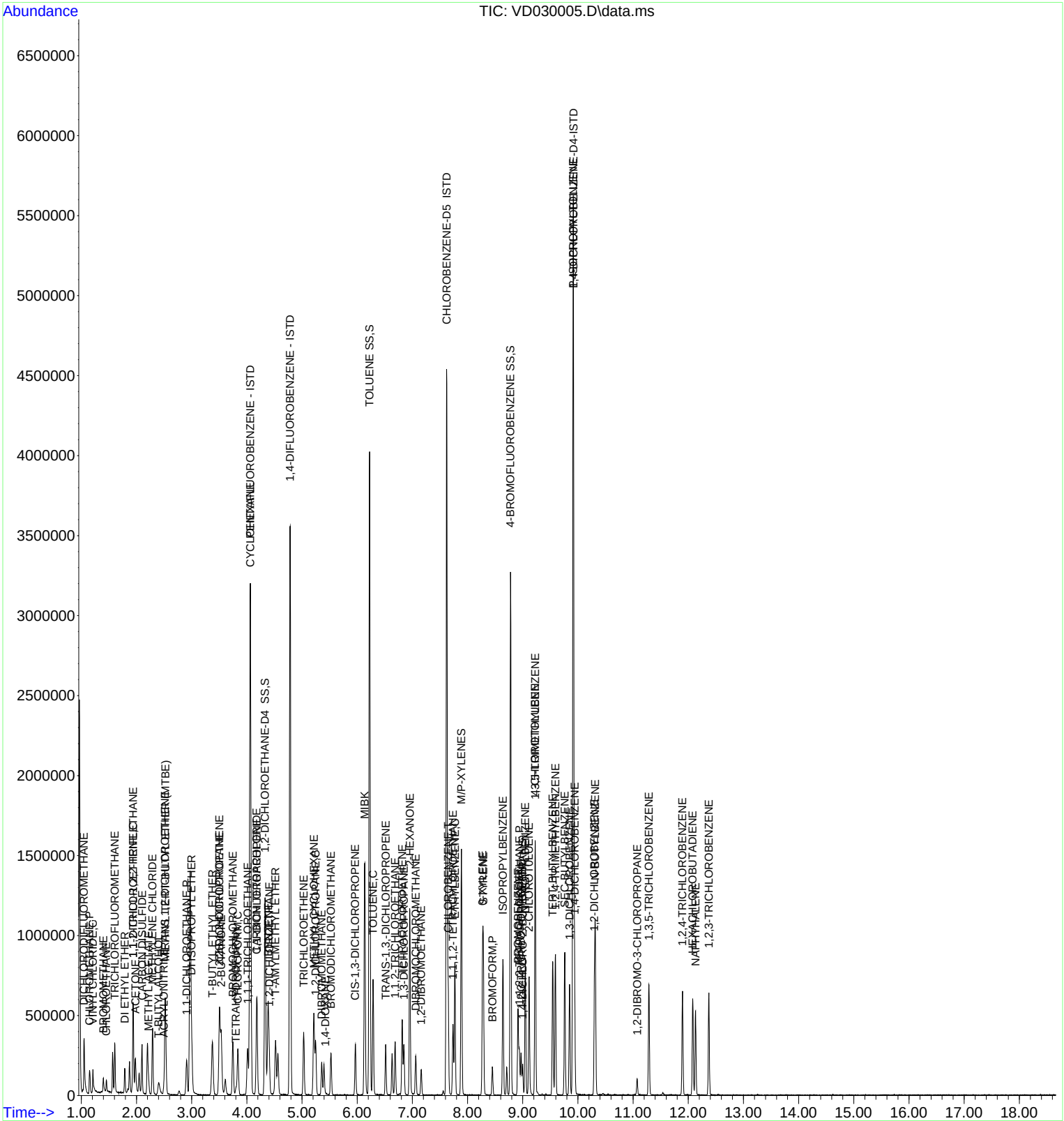
Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.690	83	67028	9.83	UG/L	96
49) 2-HEXANONE	6.955	43	623732	76.65	UG/L	83
50) TETRACHLOROETHENE	6.818	166	113795	8.58	UG/L	98
51) 1,3-DICHLOROPROPANE	6.846	76	139644	9.44	UG/L	98
52) DIBROMOCHLOROMETHANE	7.061	129	105314	7.45	UG/L	100
53) 1,2-DIBROMOETHANE	7.161	107	87206	9.15	UG/L	97
56) CHLOROBENZENE	7.649	112	283620	10.80	UG/L	87
57) 1,1,1,2-TETRACHLOROETHANE	7.735	131	103942	9.22	UG/L	96
58) ETHYLBENZENE	7.772	91	474833	10.40	UG/L	95
59) M/P-XYLENES	7.889	91	761358	20.03	UG/L	90
60) 0-XYLENE	8.271	91	381731	10.17	UG/L	91
61) STYRENE	8.288	104	299953	11.42	UG/L	80
62) BROMOFORM	8.449	173	67998	8.47	UG/L	99
63) ISOPROPYLBENZENE	8.642	120	121194	12.64	UG/L	85
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	107295	11.43	UG/L	98
65) 1,4-DICHLORO-2-BUTENE(...	8.999	53	34204	7.83	UG/L	83
66) BROMOBENZENE	8.915	77	183791	9.94	UG/L	81
67) 1,2,3-TRICHLOROPROPANE	8.971	110	34021	9.25	UG/L	91
68) N-PROPYLBENZENE	9.046	91	551293	10.71	UG/L	95
69) 2-CHLOROT0LUENE	9.116	91	348955	10.06	UG/L	87
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	409452	9.69	UG/L	92
71) 4-CHLOROTOLUENE	9.225	91	403223	9.72	UG/L	88
73) TERT-BUTYLBENZENE	9.543	119	341202	10.59	UG/L	84
74) 1,2,4-TRIMETHYLBENZENE	9.593	105	416780	10.49	UG/L	93
75) SEC-BUTYLBENZENE	9.763	134	97788	11.17	UG/L	75
76) 1,3-DICHLOROBENZENE	9.849	146	238558	11.00	UG/L	94
77) P-ISOPROPYLTOLUENE	9.913	119	413414	9.76	UG/L	91
78) 1,4-DICHLOROBENZENE	9.941	146	235270	10.00	UG/L	92
79) N-BUTYLBENZENE	10.315	91	411887	10.75	UG/L	92
80) 1,2-DICHLOROBENZENE	10.298	146	225176	11.20	UG/L	96
81) 1,2-DIBROMO-3-CHLOROPR...	11.076	75	21206	7.77	UG/L	65
82) 1,3,5-TRICHLOROBENZENE	11.288	180	181952	10.00	UG/L	97
83) 1,2,4-TRICHLOROBENZENE	11.896	180	168195	10.72	UG/L	96
84) HEXACHLOROBUTADIENE	12.080	225	109730	8.26	UG/L	95
85) NAPHTHALENE	12.133	128	341011	10.20	UG/L	100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	158685	10.71	UG/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030005.D
Acq On : 30 Jan 2012 6:49 am
Operator : MFF
Sample : B045245-BSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 07:43:25 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.119	0.0097	0.070	V-16
107-13-1	Acrylonitrile	0.0124	0.0036	0.0042	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0129	0.00049	0.00070	
71-43-2	Benzene	0.0173	0.00021	0.0014	
108-86-1	Bromobenzene	0.0127	0.00021	0.0014	
74-97-5	Bromochloromethane	0.0145	0.00035	0.0014	
75-27-4	Bromodichloromethane	0.00912	0.00028	0.0014	MS-24, V-05
75-25-2	Bromoform	0.00996	0.00028	0.0014	
74-83-9	Bromomethane	0.00788	0.00063	0.0070	MS-24
78-93-3	2-Butanone (MEK)	0.123	0.0050	0.028	
75-65-0	tert-Butyl Alcohol (TBA)	0.0827	0.0051	0.028	MS-07A, V-16
104-51-8	n-Butylbenzene	0.0163	0.00021	0.0014	
135-98-8	sec-Butylbenzene	0.0185	0.00021	0.0014	MS-15
98-06-6	tert-Butylbenzene	0.0178	0.00021	0.0014	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.00999	0.00028	0.00070	
75-15-0	Carbon Disulfide	0.0105	0.00028	0.0042	
56-23-5	Carbon Tetrachloride	0.00931	0.00035	0.0014	MS-24, V-05
108-90-7	Chlorobenzene	0.0160	0.00021	0.0014	
124-48-1	Chlorodibromomethane	0.00855	0.00028	0.00070	MS-07A, V-05
75-00-3	Chloroethane	0.00964	0.00035	0.014	MS-22, R-05
67-66-3	Chloroform	0.0116	0.00021	0.0028	
74-87-3	Chloromethane	0.0121	0.00021	0.0070	
95-49-8	2-Chlorotoluene	0.0134	0.00021	0.0014	
106-43-4	4-Chlorotoluene	0.0128	0.00021	0.0014	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0103	0.00098	0.0014	
106-93-4	1,2-Dibromoethane (EDB)	0.0116	0.00028	0.00070	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
74-95-3	Dibromomethane	0.0117	0.00028	0.0014	
95-50-1	1,2-Dichlorobenzene	0.0152	0.00021	0.0014	
541-73-1	1,3-Dichlorobenzene	0.0156	0.00021	0.0014	
106-46-7	1,4-Dichlorobenzene	0.0144	0.00014	0.0014	
110-57-6	trans-1,4-Dichloro-2-butene	0.00953	0.00063	0.0028	MS-24
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00834	0.00028	0.014	MS-07A, V-05
75-34-3	1,1-Dichloroethane	0.0137	0.00077	0.0014	
107-06-2	1,2-Dichloroethane	0.00800	0.00028	0.0014	.-04, MS-09, V-0
75-35-4	1,1-Dichloroethylene	0.00914	0.00035	0.0028	MS-24
156-59-2	cis-1,2-Dichloroethylene	0.0116	0.00021	0.0014	
156-60-5	trans-1,2-Dichloroethylene	0.0131	0.00028	0.0014	
78-87-5	1,2-Dichloropropane	0.0137	0.00077	0.0014	
142-28-9	1,3-Dichloropropane	0.0125	0.00021	0.00070	
594-20-7	2,2-Dichloropropane	0.00950	0.00056	0.0014	MS-24, V-05
563-58-6	1,1-Dichloropropene	0.0127	0.0013	0.0014	
10061-01-5	cis-1,3-Dichloropropene	0.0116	0.00028	0.00070	
10061-02-6	trans-1,3-Dichloropropene	0.0104	0.00028	0.00070	
60-29-7	Diethyl Ether	0.0114	0.00028	0.014	
108-20-3	Diisopropyl Ether (DIPE)	0.0117	0.00028	0.00070	
123-91-1	1,4-Dioxane	0.134	0.011	0.070	V-16
100-41-4	Ethylbenzene	0.0153	0.00021	0.0014	
87-68-3	Hexachlorobutadiene	0.0110	0.00028	0.0014	
591-78-6	2-Hexanone (MBK)	0.0979	0.0043	0.014	MS-24
98-82-8	Isopropylbenzene (Cumene)	0.0185	0.00028	0.0014	MS-24
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0161	0.00021	0.0014	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0110	0.00028	0.0028	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MS1	File ID:	VD030022.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:04
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0113	0.00042	0.014	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0942	0.0041	0.014	MS-24
91-20-3	Naphthalene	0.00805	0.00021	0.0028	MS-07A
103-65-1	n-Propylbenzene	0.0151	0.00021	0.0014	
100-42-5	Styrene	0.0158	0.00021	0.0014	
630-20-6	1,1,1,2-Tetrachloroethane	0.0124	0.00021	0.0014	
79-34-5	1,1,2,2-Tetrachloroethane	0.0163	0.00028	0.00070	
127-18-4	Tetrachloroethylene	0.0242	0.00035	0.0014	MS-12
109-99-9	Tetrahydrofuran	0.0126	0.0010	0.0070	V-16
108-88-3	Toluene	0.0126	0.00028	0.0014	
87-61-6	1,2,3-Trichlorobenzene	0.00877	0.00021	0.0014	MS-07A
120-82-1	1,2,4-Trichlorobenzene	0.00918	0.00028	0.0014	MS-24
108-70-3	1,3,5-Trichlorobenzene	0.0120	0.00021	0.0014	
71-55-6	1,1,1-Trichloroethane	0.00945	0.00035	0.0014	MS-24, V-05
79-00-5	1,1,2-Trichloroethane	0.0136	0.00021	0.0014	
79-01-6	Trichloroethylene	0.0119	0.00028	0.0014	
75-69-4	Trichlorofluoromethane (Freon 11)	0.00828	0.00035	0.0070	MS-09, V-05
96-18-4	1,2,3-Trichloropropane	0.0124	0.00056	0.0014	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.00964	0.00042	0.0070	MS-24
95-63-6	1,2,4-Trimethylbenzene	0.0167	0.00021	0.0014	
108-67-8	1,3,5-Trimethylbenzene	0.0130	0.00028	0.0014	
75-01-4	Vinyl Chloride	0.0109	0.00035	0.0070	
108383/106423	m+p Xylene	0.0289	0.00049	0.0028	
95-47-6	o-Xylene	0.0141	0.00028	0.0014	

Quantitation Report (QT Reviewed)

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.060	168	1946022	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.782	114	3032688	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.621	82	1305521	30.00	UG/L		0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	1003715	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	872328	18.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.20%				
36) TOLUENE SS	6.221	98	2850193	24.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.32%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	953000	21.87	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.48%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.045	85	122106m	5.96	UG/L		
4) CHLOROMETHANE	1.151	50	118325	8.68	UG/L		99
5) VINYL CHLORIDE	1.210	62	98018	7.77	UG/L		98
6) BROMOMETHANE	1.391	94	43685	5.63	UG/L		99
7) CHLOROETHANE	1.453	64	45551	6.89	UG/L		98
8) TRICHLOROFLUOROMETHANE	1.606	101	153459	5.92	UG/L		100
9) DI ETHYL ETHER	1.787	74	37211	8.14	UG/L		86
10) ACETONE	1.977	43	273175	85.15	UG/L		81
11) 1,1-DICHLOROETHENE	1.941	61	130065	6.53	UG/L		94
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	81706	6.89	UG/L		99
13) T-BUTYL ALCOHOL	2.390	59	95543	59.07	UG/L	#	90
14) ACRYLONITRILE	2.493	53	43789	8.84	UG/L		100
15) METHYL ACETATE	2.214	43	185229	3.95	UG/L		98
16) METHYLENE CHLORIDE	2.289	49	223851	8.08	UG/L		79
17) CARBON DISULFIDE	2.099	76	217195	7.47	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.523	73	268696	7.89	UG/L		92
19) TRANS 1,2-DICHLOROETHENE	2.518	61	202078	9.39	UG/L		99
20) 1,1-DICHLOROETHANE	2.908	63	238260	9.81	UG/L		98
21) DI ISOPROPYL ETHER	2.995	45	377505	8.38	UG/L		86
22) 2-BUTANONE	3.527	43	557400	87.99	UG/L		84
23) T-BUTYL ETHYL ETHER	3.374	59	306307	7.14	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.505	61	211056	8.30	UG/L		98
25) 2,2-DICHLOROPROPANE	3.502	77	165535	6.79	UG/L		92
26) BROMOCHLOROMETHANE	3.745	128	61117	10.36	UG/L		93
27) TETRAHYDROFURAN	3.801	72	10680	8.97	UG/L		59
28) CHLOROFORM	3.834	83	222765	8.31	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.010	97	191064	6.75	UG/L		99
30) CYCLOHEXANE	4.063	56	274294	9.18	UG/L	#	90
31) CARBON TETRACHLORIDE	4.177	117	178472	6.65	UG/L		99
32) 1,1-DICHLOROPROPENE	4.180	77	53226	9.10	UG/L		89
33) BENZENE	4.383	78	502564	12.37	UG/L		100
34) T-AMYLMETHYL ETHER	4.517	73	247331	9.25	UG/L		89
37) 1,2-DICHLOROETHANE	4.403	62	176889	5.72	UG/L		98
38) TRICHLOROETHENE	5.028	95	131953	8.49	UG/L		84
39) METHYL CYCLOHEXANE	5.212	83	207347	9.02	UG/L		96
40) 1,2-DICHLOROPROPANE	5.245	63	128676	9.77	UG/L		98
41) DIBROMOMETHANE	5.357	93	71333	8.39	UG/L		86
42) 1,4-DIOXANE	5.398	88	12498m	95.69	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	158373	6.52	UG/L		98
44) MIBK	6.135	43	951572	67.31	UG/L	#	84
45) CIS-1,3-DICHLOROPROPENE	5.967	75	160946	8.29	UG/L		92
46) TOLUENE	6.285	91	515520	9.01	UG/L		99
47) TRANS-1,3,-DICHLOROPRO...	6.514	75	141351	7.40	UG/L		89

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

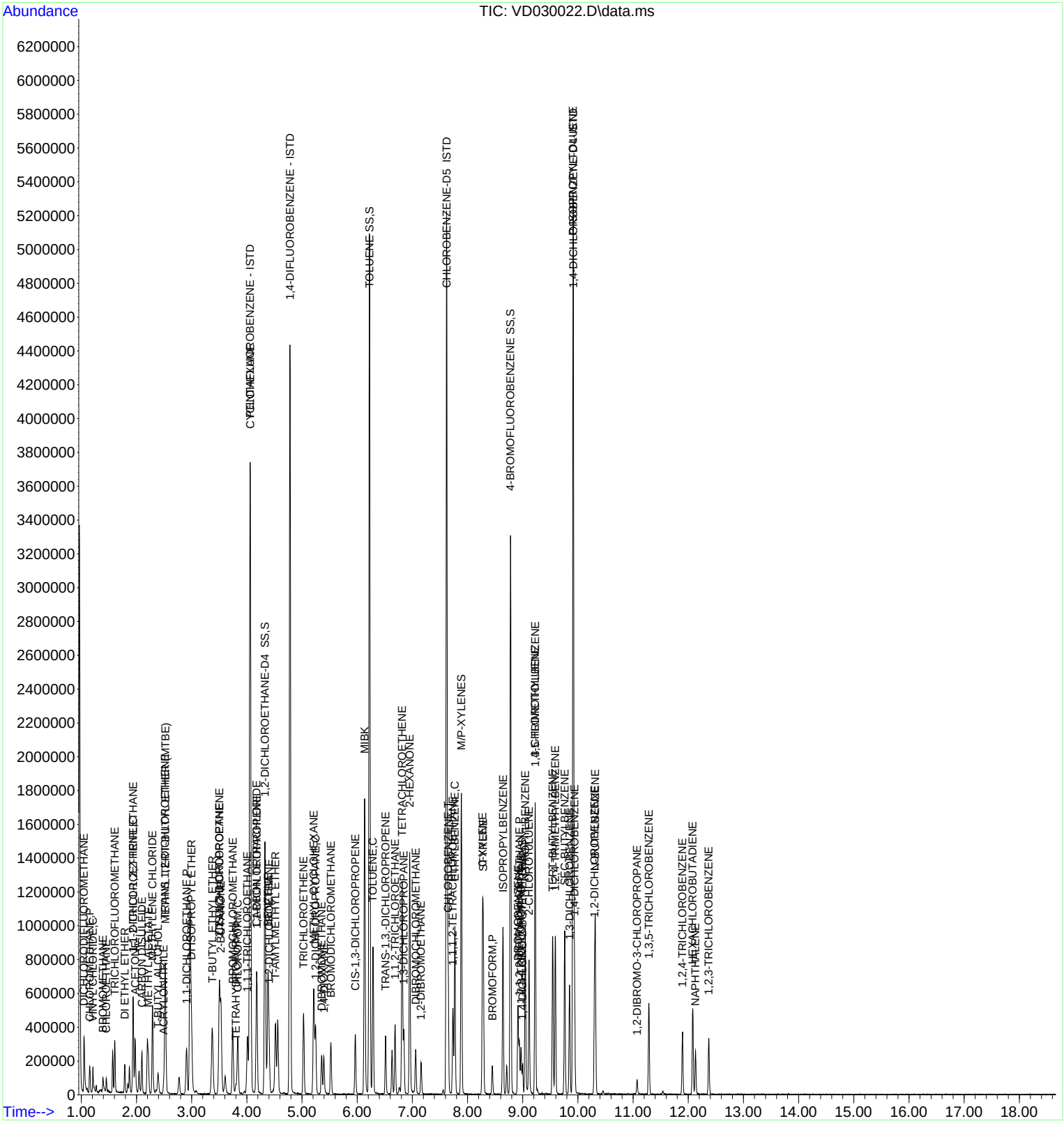
Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.687	83	84827	9.73	UG/L		96
49) 2-HEXANONE	6.952	43	727859	69.95	UG/L		76
50) TETRACHLOROETHENE	6.815	166	293116	17.27	UG/L		96
51) 1,3-DICHLOROPROPANE	6.843	76	168358	8.90	UG/L		99
52) DIBROMOCHLOROMETHANE	7.060	129	110416	6.11	UG/L		100
53) 1,2-DIBROMOETHANE	7.155	107	101267	8.31	UG/L		97
56) CHLOROBENZENE	7.649	112	338886	11.45	UG/L		88
57) 1,1,1,2-TETRACHLOROETHANE	7.733	131	112840	8.88	UG/L		97
58) ETHYLBENZENE	7.769	91	562180	10.93	UG/L		96
59) M/P-XYLENES	7.889	91	885655	20.66	UG/L		94
60) 0-XYLENE	8.271	91	427633	10.10	UG/L		93
61) STYRENE	8.285	104	334125	11.28	UG/L		87
62) BROMOFORM	8.449	173	64461	7.12	UG/L		99
63) ISOPROPYLBENZENE	8.644	120	142878	13.22	UG/L		93
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	123376	11.66	UG/L		99
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	33546	6.81	UG/L	#	27
66) BROMOBENZENE	8.915	77	189757	9.10	UG/L		77
67) 1,2,3-TRICHLOROPROPANE	8.971	110	36834	8.88	UG/L		91
68) N-PROPYLBENZENE	9.046	91	627976	10.82	UG/L		94
69) 2-CHLOROT0LUENE	9.116	91	375198	9.59	UG/L		88
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	443291	9.30	UG/L		95
71) 4-CHLOROTOLUENE	9.224	91	427436	9.14	UG/L		88
73) TERT-BUTYLBENZENE	9.542	119	374395	12.70	UG/L		86
74) 1,2,4-TRIMETHYLBENZENE	9.590	105	433658	11.93	UG/L		95
75) SEC-BUTYLBENZENE	9.760	134	105667	13.19	UG/L		74
76) 1,3-DICHLOROBENZENE	9.849	146	221472	11.17	UG/L		97
77) P-ISOPROPYLTOLUENE	9.910	119	445007	11.49	UG/L		93
78) 1,4-DICHLOROBENZENE	9.938	146	221274	10.28	UG/L		93
79) N-BUTYLBENZENE	10.315	91	407462	11.62	UG/L		90
80) 1,2-DICHLOROBENZENE	10.301	146	200061	10.87	UG/L		97
81) 1,2-DIBROMO-3-CHLOROPR...	11.071	75	18411	7.38	UG/L		62
82) 1,3,5-TRICHLOROBENZENE	11.285	180	142467	8.56	UG/L		97
83) 1,2,4-TRICHLOROBENZENE	11.896	180	94115	6.56	UG/L		95
84) HEXACHLOROBUTADIENE	12.080	225	95149	7.83	UG/L		94
85) NAPHTHALENE	12.130	128	163690	5.75	UG/L		100
86) 1,2,3-TRICHLOROBENZENE	12.370	180	85053	6.27	UG/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030022.D
Acq On : 30 Jan 2012 2:04 pm
Operator : MFF
Sample : B045245-MS1 Inst : GCMSVOA4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 30 14:35:28 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.122	0.0091	0.066	V-16
107-13-1	Acrylonitrile	0.0113	0.0034	0.0040	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0114	0.00046	0.00066	
71-43-2	Benzene	0.0141	0.00020	0.0013	
108-86-1	Bromobenzene	0.0116	0.00020	0.0013	
74-97-5	Bromochloromethane	0.0128	0.00033	0.0013	
75-27-4	Bromodichloromethane	0.00935	0.00026	0.0013	V-05
75-25-2	Bromoform	0.00980	0.00026	0.0013	
74-83-9	Bromomethane	0.00928	0.00059	0.0066	
78-93-3	2-Butanone (MEK)	0.109	0.0047	0.026	
75-65-0	tert-Butyl Alcohol (TBA)	0.0783	0.0048	0.026	MS-07A, V-16
104-51-8	n-Butylbenzene	0.0151	0.00020	0.0013	
135-98-8	sec-Butylbenzene	0.0178	0.00020	0.0013	MS-15
98-06-6	tert-Butylbenzene	0.0177	0.00020	0.0013	MS-24
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.00951	0.00026	0.00066	
75-15-0	Carbon Disulfide	0.0130	0.00026	0.0040	
56-23-5	Carbon Tetrachloride	0.00947	0.00033	0.0013	V-05
108-90-7	Chlorobenzene	0.0137	0.00020	0.0013	
124-48-1	Chlorodibromomethane	0.00879	0.00026	0.00066	MS-07A, V-05
75-00-3	Chloroethane	0.0108	0.00033	0.013	R-05
67-66-3	Chloroform	0.0109	0.00020	0.0026	
74-87-3	Chloromethane	0.0150	0.00020	0.0066	
95-49-8	2-Chlorotoluene	0.0124	0.00020	0.0013	
106-43-4	4-Chlorotoluene	0.0116	0.00020	0.0013	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0101	0.00092	0.0013	
106-93-4	1,2-Dibromoethane (EDB)	0.0110	0.00026	0.00066	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
74-95-3	Dibromomethane	0.0115	0.00026	0.0013	
95-50-1	1,2-Dichlorobenzene	0.0138	0.00020	0.0013	
541-73-1	1,3-Dichlorobenzene	0.0147	0.00020	0.0013	
106-46-7	1,4-Dichlorobenzene	0.0132	0.00013	0.0013	
110-57-6	trans-1,4-Dichloro-2-butene	0.00941	0.00059	0.0026	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00906	0.00026	0.013	MS-07A, V-05
75-34-3	1,1-Dichloroethane	0.0121	0.00073	0.0013	
107-06-2	1,2-Dichloroethane	0.00842	0.00026	0.0013	MS-09, V-05, L-0
75-35-4	1,1-Dichloroethylene	0.00981	0.00033	0.0026	
156-59-2	cis-1,2-Dichloroethylene	0.0107	0.00020	0.0013	
156-60-5	trans-1,2-Dichloroethylene	0.0119	0.00026	0.0013	
78-87-5	1,2-Dichloropropane	0.0127	0.00073	0.0013	
142-28-9	1,3-Dichloropropane	0.0116	0.00020	0.00066	
594-20-7	2,2-Dichloropropane	0.00943	0.00053	0.0013	V-05
563-58-6	1,1-Dichloropropene	0.0117	0.0013	0.0013	
10061-01-5	cis-1,3-Dichloropropene	0.0109	0.00026	0.00066	
10061-02-6	trans-1,3-Dichloropropene	0.0104	0.00026	0.00066	
60-29-7	Diethyl Ether	0.0123	0.00026	0.013	
108-20-3	Diisopropyl Ether (DIPE)	0.0108	0.00026	0.00066	
123-91-1	1,4-Dioxane	0.127	0.010	0.066	V-16
100-41-4	Ethylbenzene	0.0141	0.00020	0.0013	
87-68-3	Hexachlorobutadiene	0.0114	0.00026	0.0013	
591-78-6	2-Hexanone (MBK)	0.0955	0.0040	0.013	
98-82-8	Isopropylbenzene (Cumene)	0.0163	0.00026	0.0013	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0152	0.00020	0.0013	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0103	0.00026	0.0026	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045245-MSD1	File ID:	VD030023.D
Sampled:		Prepared:	01/30/12 05:31	Analyzed:	01/30/12 14:29
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B045245	Sequence:	S001791	Calibration:	1200015
Instrument:	GCMSVOA4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0115	0.00040	0.013	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0932	0.0039	0.013	
91-20-3	Naphthalene	0.00753	0.00020	0.0026	MS-07A
103-65-1	n-Propylbenzene	0.0134	0.00020	0.0013	
100-42-5	Styrene	0.0138	0.00020	0.0013	
630-20-6	1,1,1,2-Tetrachloroethane	0.0122	0.00020	0.0013	
79-34-5	1,1,2,2-Tetrachloroethane	0.0137	0.00026	0.00066	
127-18-4	Tetrachloroethylene	0.0262	0.00033	0.0013	MS-12
109-99-9	Tetrahydrofuran	0.0131	0.00099	0.0066	V-16
108-88-3	Toluene	0.0111	0.00026	0.0013	
87-61-6	1,2,3-Trichlorobenzene	0.00850	0.00020	0.0013	MS-07A
120-82-1	1,2,4-Trichlorobenzene	0.00940	0.00026	0.0013	
108-70-3	1,3,5-Trichlorobenzene	0.0115	0.00020	0.0013	
71-55-6	1,1,1-Trichloroethane	0.00945	0.00033	0.0013	V-05
79-00-5	1,1,2-Trichloroethane	0.0118	0.00020	0.0013	
79-01-6	Trichloroethylene	0.0110	0.00026	0.0013	
75-69-4	Trichlorofluoromethane (Freon 11)	0.00910	0.00033	0.0066	MS-09, V-05
96-18-4	1,2,3-Trichloropropane	0.0117	0.00053	0.0013	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.0106	0.00040	0.0066	
95-63-6	1,2,4-Trimethylbenzene	0.0158	0.00020	0.0013	
108-67-8	1,3,5-Trimethylbenzene	0.0120	0.00026	0.0013	
75-01-4	Vinyl Chloride	0.0145	0.00033	0.0066	
108383/106423	m+p Xylene	0.0265	0.00046	0.0026	
95-47-6	o-Xylene	0.0130	0.00026	0.0013	

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.063	168	1562989	30.00	UG/L		0.00
35) 1,4-DIFLUOROBENZENE - ...	4.785	114	2271180	30.00	UG/L		0.00
54) CHLOROBENZENE-D5 ISTD	7.624	82	1000374	30.00	UG/L	#	0.00
72) 1,4-DICHLOROBENZENE-D4...	9.916	152	741838	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.328	65	769861	20.39	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.56%				
36) TOLUENE SS	6.224	98	2105758	23.76	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.04%				
55) 4-BROMOFLUOROBENZENE SS	8.778	95	708240	21.21	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.84%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	1.048	85	112938	6.87	UG/L		99
4) CHLOROMETHANE	1.149	50	124845	11.40	UG/L		97
5) VINYL CHLORIDE	1.210	62	111661	11.02	UG/L		100
6) BROMOMETHANE	1.391	94	43816	7.04	UG/L		98
7) CHLOROETHANE	1.455	64	43714	8.23	UG/L		94
8) TRICHLOROFLUOROMETHANE	1.609	101	143591	6.90	UG/L		99
9) DI ETHYL ETHER	1.787	74	34347	9.35	UG/L		88
10) ACETONE	1.974	43	237766	92.28	UG/L		84
11) 1,1-DICHLOROETHENE	1.938	61	119124	7.44	UG/L		94
12) 1,1,2-TRICL-1,2,2-TRIF...	1.941	101	76865	8.06	UG/L		100
13) T-BUTYL ALCOHOL	2.390	59	77179	59.41	UG/L	#	94
14) ACRYLONITRILE	2.495	53	34084	8.57	UG/L		98
15) METHYL ACETATE	2.217	43	203281	5.40	UG/L		97
16) METHYLENE CHLORIDE	2.292	49	189761	8.73	UG/L		85
17) CARBON DISULFIDE	2.099	76	230647	9.88	UG/L		100
18) METHYL TERT-BUTYL ETHE...	2.526	73	214477	7.84	UG/L		91
19) TRANS 1,2-DICHLOROETHENE	2.521	61	155909	9.02	UG/L		93
20) 1,1-DICHLOROETHANE	2.908	63	178723	9.16	UG/L		96
21) DI ISOPROPYL ETHER	2.995	45	295707	8.18	UG/L		90
22) 2-BUTANONE	3.533	43	420021	82.55	UG/L		89
23) T-BUTYL ETHYL ETHER	3.374	59	248382	7.21	UG/L		96
24) CIS-1,2-DICHLOROETHENE	3.502	61	166052	8.13	UG/L		96
25) 2,2-DICHLOROPROPANE	3.499	77	139972	7.15	UG/L		91
26) BROMOCHLOROMETHANE	3.745	128	45999	9.71	UG/L		99
27) TETRAHYDROFURAN	3.803	72	9521	9.90	UG/L		51
28) CHLOROFORM	3.837	83	178610	8.29	UG/L		98
29) 1,1,1-TRICHLOROETHANE	4.013	97	163132	7.17	UG/L		99
30) CYCLOHEXANE	4.065	56	204854	8.39	UG/L	#	89
31) CARBON TETRACHLORIDE	4.177	117	154705	7.18	UG/L		100
32) 1,1-DICHLOROPROPENE	4.183	77	41550	8.85	UG/L		89
33) BENZENE	4.383	78	347663	10.66	UG/L		100
34) T-AMYLMETHYL ETHER	4.520	73	185160	8.62	UG/L		87
37) 1,2-DICHLOROETHANE	4.406	62	147919	6.39	UG/L		95
38) TRICHLOROETHENE	5.028	95	97260	8.36	UG/L		85
39) METHYL CYCLOHEXANE	5.214	83	144994	8.42	UG/L		90
40) 1,2-DICHLOROPROPANE	5.248	63	95114	9.64	UG/L		100
41) DIBROMOMETHANE	5.357	93	55305	8.69	UG/L		86
42) 1,4-DIOXANE	5.396	88	9448m	96.61	UG/L		
43) BROMODICHLOROMETHANE	5.524	83	128883	7.09	UG/L		97
44) MIBK	6.135	43	748717	70.72	UG/L	#	86
45) CIS-1,3-DICHLOROPROPENE	5.967	75	120185	8.27	UG/L		94
46) TOLUENE	6.288	91	362278	8.45	UG/L		100
47) TRANS-1,3,-DICHLOROPRO...	6.517	75	113298	7.92	UG/L		85

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

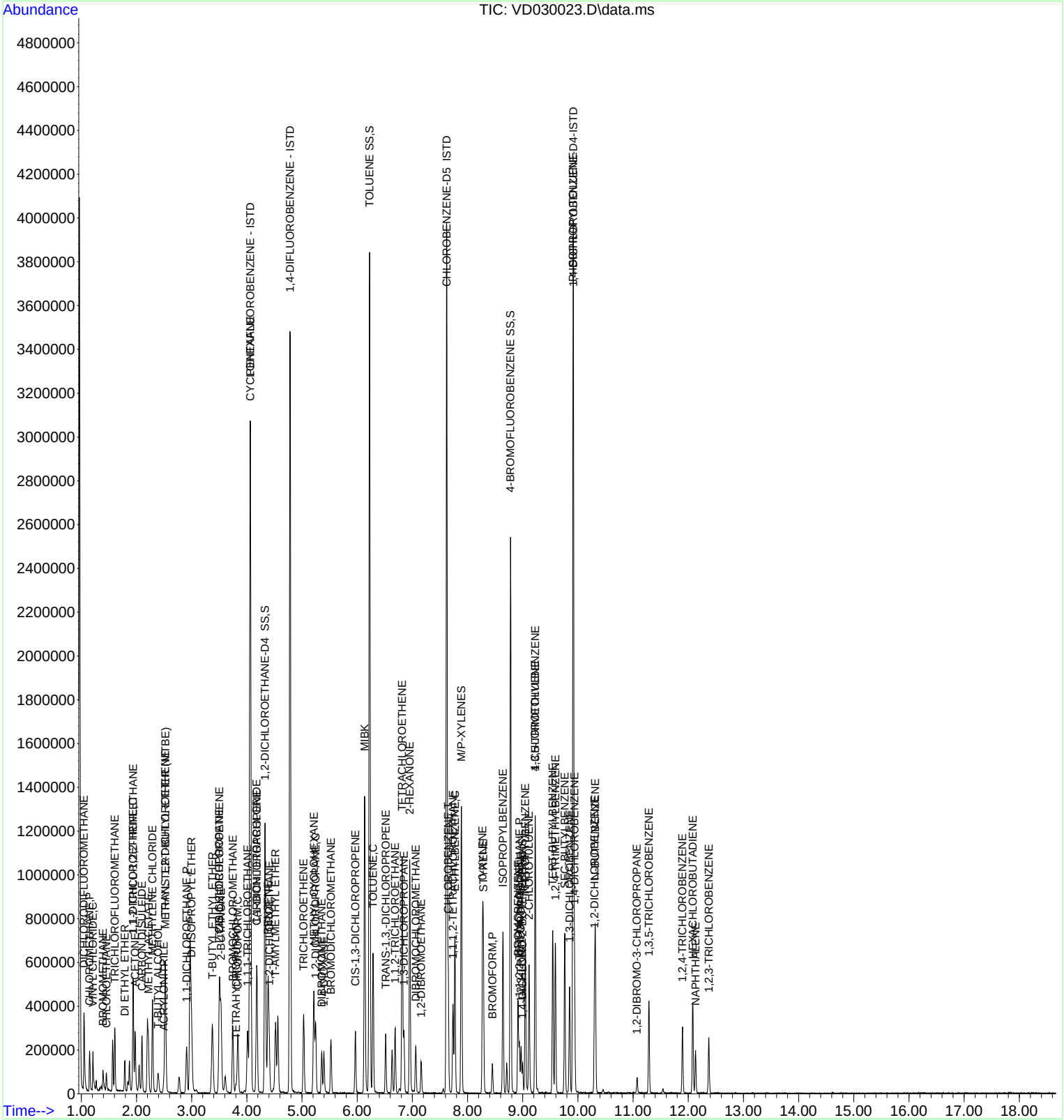
Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 1,1,2-TRICHLOROETHANE	6.690	83	58521	8.96	UG/L		97
49) 2-HEXANONE	6.952	43	564528	72.45	UG/L		82
50) TETRACHLOROETHENE	6.815	166	252185	19.84	UG/L		98
51) 1,3-DICHLOROPROPANE	6.846	76	124722	8.80	UG/L		99
52) DIBROMOCHLOROMETHANE	7.060	129	90312	6.67	UG/L		98
53) 1,2-DIBROMOETHANE	7.161	107	76269	8.35	UG/L		99
56) CHLOROBENZENE	7.649	112	235698	10.39	UG/L		86
57) 1,1,1,2-TETRACHLOROETHANE	7.735	131	90331	9.27	UG/L		98
58) ETHYLBENZENE	7.772	91	420489	10.66	UG/L		93
59) M/P-XYLENES	7.889	91	659818	20.09	UG/L		90
60) 0-XYLENE	8.271	91	318672	9.83	UG/L		90
61) STYRENE	8.287	104	236767	10.44	UG/L		78
62) BROMOFORM	8.449	173	51504	7.43	UG/L		97
63) ISOPROPYLBENZENE	8.642	120	102557	12.39	UG/L		87
64) 1,1,2,2-TETRACHLOROETHANE	8.940	83	84114	10.37	UG/L		100
65) 1,4-DICHLORO-2-BUTENE(...	8.996	53	26934	7.14	UG/L	#	26
66) BROMOBENZENE	8.915	77	140225	8.78	UG/L		81
67) 1,2,3-TRICHLOROPROPANE	8.968	110	28268	8.90	UG/L		97
68) N-PROPYLBENZENE	9.046	91	451618	10.16	UG/L		95
69) 2-CHLOROT0LUENE	9.116	91	282083	9.41	UG/L		87
70) 1,3,5-TRIMETHYLBENZENE	9.227	105	332405	9.10	UG/L		93
71) 4-CHLOROTOLUENE	9.224	91	315220	8.80	UG/L		87
73) TERT-BUTYLBENZENE	9.542	119	293147	13.45	UG/L		85
74) 1,2,4-TRIMETHYLBENZENE	9.593	105	322050	11.99	UG/L		92
75) SEC-BUTYLBENZENE	9.763	134	80088	13.53	UG/L		78
76) 1,3-DICHLOROBENZENE	9.849	146	163824	11.18	UG/L		96
77) P-ISOPROPYLTOLUENE	9.910	119	329853	11.52	UG/L		91
78) 1,4-DICHLOROBENZENE	9.938	146	158755	9.98	UG/L		93
79) N-BUTYLBENZENE	10.315	91	297901	11.49	UG/L		91
80) 1,2-DICHLOROBENZENE	10.301	146	141920	10.44	UG/L		96
81) 1,2-DIBROMO-3-CHLOROPR...	11.068	75	14165	7.68	UG/L		66
82) 1,3,5-TRICHLOROBENZENE	11.288	180	106851	8.69	UG/L		98
83) 1,2,4-TRICHLOROBENZENE	11.896	180	75584	7.13	UG/L		97
84) HEXACHLOROBUTADIENE	12.083	225	77366	8.61	UG/L		92
85) NAPHTHALENE	12.133	128	120164	5.71	UG/L		100
86) 1,2,3-TRICHLOROBENZENE	12.373	180	64602	6.45	UG/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\1\DATA\013012\
Data File : VD030023.D
Acq On : 30 Jan 2012 2:29 pm
Operator : MFF
Sample : B045245-MSD1 Inst : GCMSVOA4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 30 14:50:35 2012
Quant Method : C:\MSDChem\1\METHODS\V01219S11.M
Quant Title : METHOD 8260B FOR WATERS/MEOH ON GCMSVOA4
QLast Update : Mon Jan 16 07:29:22 2012
Response via : Initial Calibration



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SVOA

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.084	0.18	
208-96-8	Acenaphthylene		0.084	0.18	
98-86-2	Acetophenone		0.13	0.36	
62-53-3	Aniline		0.12	0.36	
120-12-7	Anthracene		0.084	0.18	
92-87-5	Benzidine		0.084	0.36	L-04, V-20
56-55-3	Benzo(a)anthracene		0.084	0.18	
50-32-8	Benzo(a)pyrene	0.18	0.095	0.18	
205-99-2	Benzo(b)fluoranthene	0.25	0.095	0.18	
191-24-2	Benzo(g,h,i)perylene		0.074	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.095	0.36	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.36	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.36	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.36	
101-55-3	4-Bromophenylphenylether		0.074	0.36	
85-68-7	Butylbenzylphthalate		0.12	0.70	
86-74-8	Carbazole		0.084	0.18	
106-47-8	4-Chloroaniline		0.095	0.70	
59-50-7	4-Chloro-3-methylphenol		0.11	0.70	
91-58-7	2-Chloronaphthalene		0.074	0.36	
95-57-8	2-Chlorophenol		0.095	0.36	
7005-72-3	4-Chlorophenylphenylether		0.13	0.36	
218-01-9	Chrysene		0.084	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.074	0.18	
132-64-9	Dibenzofuran		0.084	0.36	
84-74-2	Di-n-butylphthalate		0.084	0.36	
95-50-1	1,2-Dichlorobenzene		0.084	0.36	
541-73-1	1,3-Dichlorobenzene		0.084	0.36	
106-46-7	1,4-Dichlorobenzene		0.084	0.36	
91-94-1	3,3-Dichlorobenzidine		0.063	0.18	
120-83-2	2,4-Dichlorophenol		0.084	0.36	
84-66-2	Diethylphthalate		0.11	0.36	
105-67-9	2,4-Dimethylphenol		0.074	0.36	
131-11-3	Dimethylphthalate		0.11	0.70	
534-52-1	4,6-Dinitro-2-methylphenol		0.042	0.36	V-20
51-28-5	2,4-Dinitrophenol		0.042	0.70	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.36	
606-20-2	2,6-Dinitrotoluene		0.12	0.36	
117-84-0	Di-n-octylphthalate		0.14	0.70	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.084	0.36	
206-44-0	Fluoranthene	0.39	0.074	0.18	
86-73-7	Fluorene		0.095	0.18	
118-74-1	Hexachlorobenzene		0.084	0.36	
87-68-3	Hexachlorobutadiene		0.063	0.36	
77-47-4	Hexachlorocyclopentadiene		0.063	0.70	
67-72-1	Hexachloroethane		0.084	0.36	
193-39-5	Indeno(1,2,3-cd)pyrene		0.074	0.18	
78-59-1	Isophorone		0.11	0.36	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	D020218.D
Sampled:	01/27/12 10:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:50
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.36	
108-39-4/106-44	3/4-Methylphenol		0.17	0.36	
91-20-3	Naphthalene		0.074	0.18	
88-74-4	2-Nitroaniline		0.11	0.36	
99-09-2	3-Nitroaniline		0.11	0.36	
100-01-6	4-Nitroaniline		0.13	0.36	
98-95-3	Nitrobenzene		0.074	0.36	
88-75-5	2-Nitrophenol		0.053	0.36	
100-02-7	4-Nitrophenol		0.042	0.70	
62-75-9	N-Nitrosodimethylamine		0.063	0.36	
86-30-6	N-Nitrosodiphenylamine		0.12	0.36	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.36	
82-68-8	Pentachloronitrobenzene		0.12	0.36	
87-86-5	Pentachlorophenol		0.063	0.36	V-20
85-01-8	Phenanthrene		0.084	0.18	
108-95-2	Phenol		0.095	0.36	
129-00-0	Pyrene	0.21	0.11	0.18	
110-86-1	Pyridine		0.084	0.36	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.074	0.36	
120-82-1	1,2,4-Trichlorobenzene		0.063	0.36	
95-95-4	2,4,5-Trichlorophenol		0.11	0.36	
88-06-2	2,4,6-Trichlorophenol		0.074	0.36	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

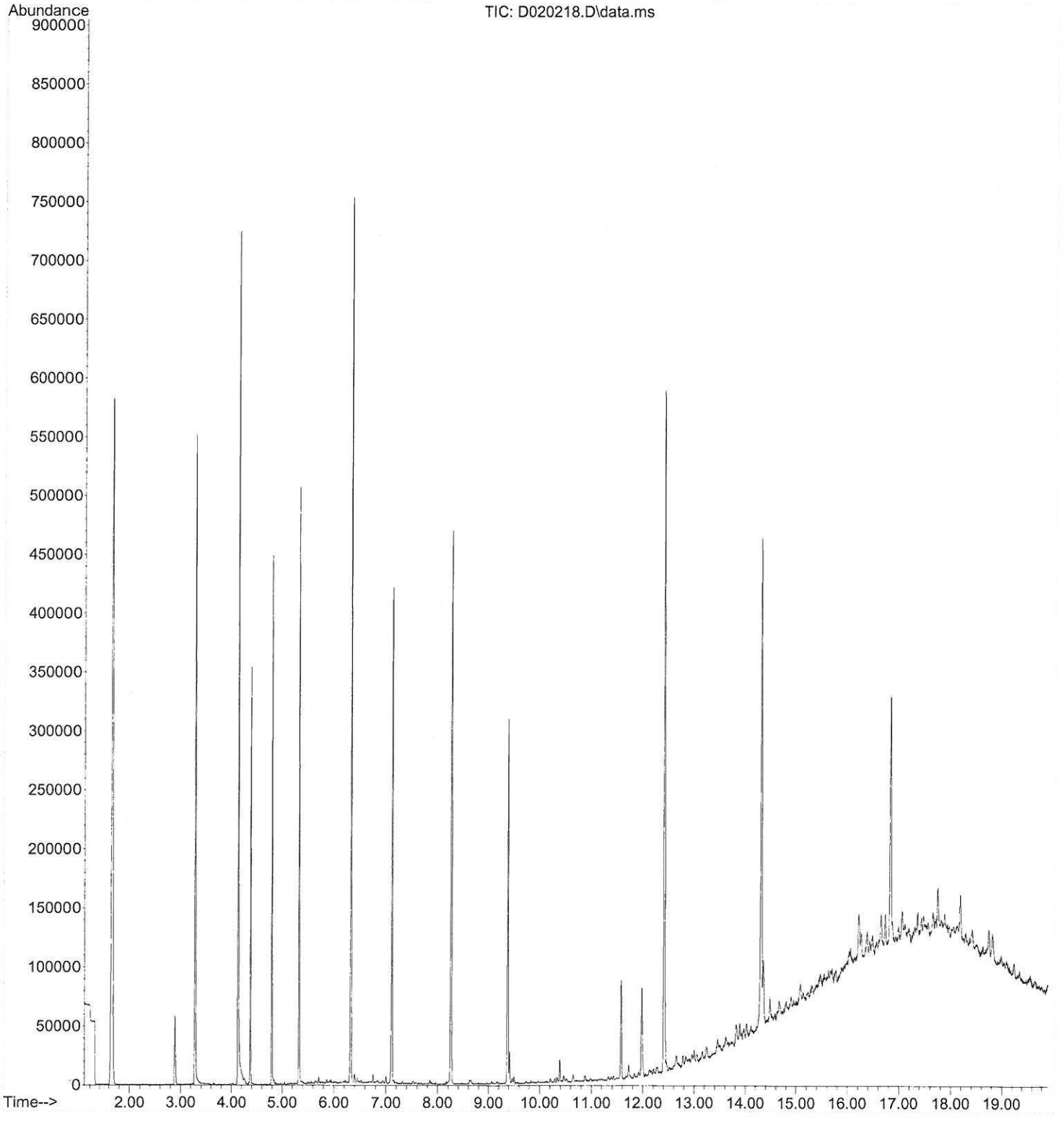
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	67504	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	182728	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.114	164	109622	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.382	188	165473	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.312	240	234075	40.00	ug/ml	0.00
79) PERYLENE-D12	16.833	264	121766	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	164106	147.14	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.57%			
3) Phenol-d6	4.130	99	242616	171.55	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 85.78%			
20) Nitrobenzene-d5	4.795	82	109575	63.85	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.85%			
36) 2-Fluorobiphenyl	6.327	172	242070	79.69	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 79.69%			
37) 2,4,6-Tribromophenol	8.257	330	66044	120.08	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 60.04%			
71) Terphenyl-d14	12.419	244	269068	58.66	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 58.66%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.795	70	14974	19.03	ug/ml#	76
50) 4-Nitrophenol	7.347	109	59	5.44	ug/ml#	7
65) Phenanthrene	9.420	178	12935	3.18	ug/ml	98
69) Flouranthene	11.574	202	46398	10.97	ug/ml	99
73) Pyrene	11.978	202	45548	6.02	ug/ml#	95
76) Benzo(a)anthracene	14.293	228	30075	5.02	ug/ml	94
77) Chrysene	14.352	228	27536	4.76	ug/ml	95
81) Benzo(b)fluoranthene	16.220	252	25867	7.17	ug/ml	100
82) Benzo(k)fluoranthene	16.220	252	25681	7.39	ug/ml	97
83) Benzo(a)pyrene	16.733	252	16613	5.18	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.415	276	7365	2.97	ug/ml	97
86) Benzo(g,h,i)perylene	18.809	276	7141	2.67	ug/ml	97

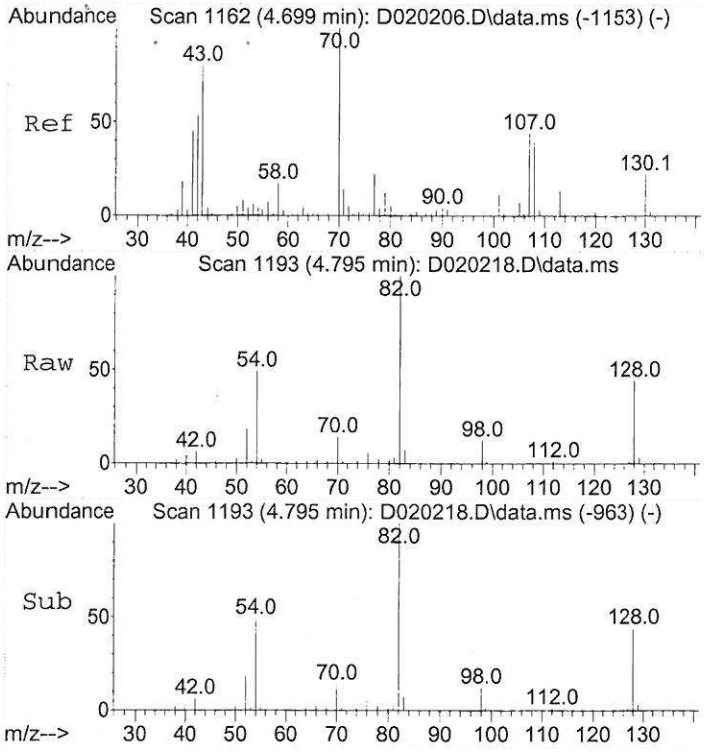
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

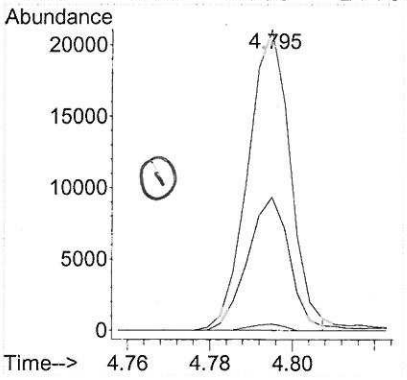


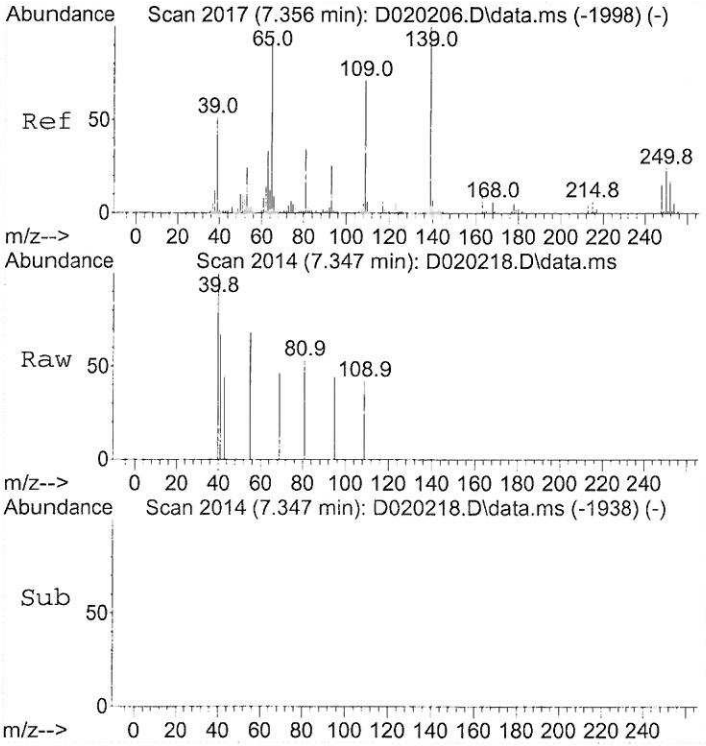


#17
N-Nitroso-Di-N-Propylamine
Concen: 19.03 ug/ml
RT: 4.795 min Scan# 1193
Delta R.T. 0.096 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion: 70 Resp: 14974

Ion	Ratio	Lower	Upper
70	100		
42	44.0	44.4	66.6#
101	0.0	8.2	12.4#
130	1.6	18.0	27.0#

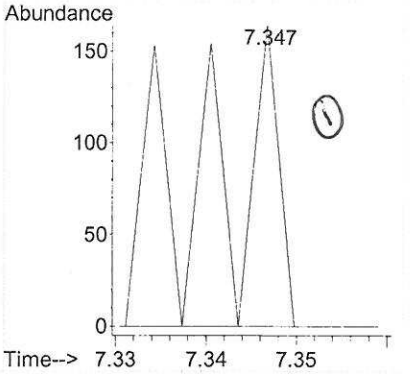


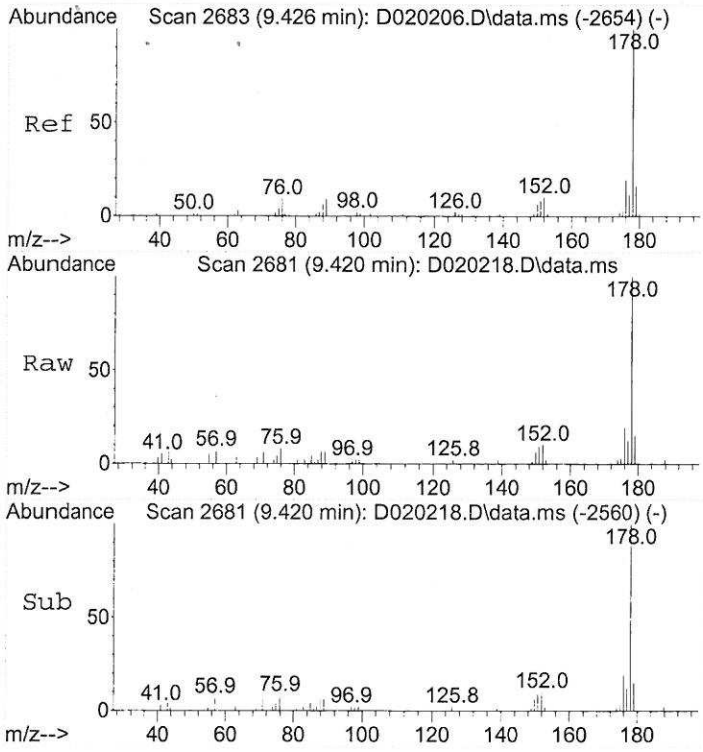


#50
4-Nitrophenol
Concen: 5.44 ug/ml
RT: 7.347 min Scan# 2014
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:109 Resp: 59

Ion	Ratio	Lower	Upper
109	100		
139	220.3	108.2	162.2#
65	0.0	109.8	164.8#

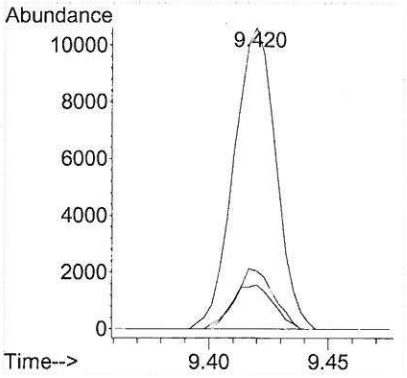


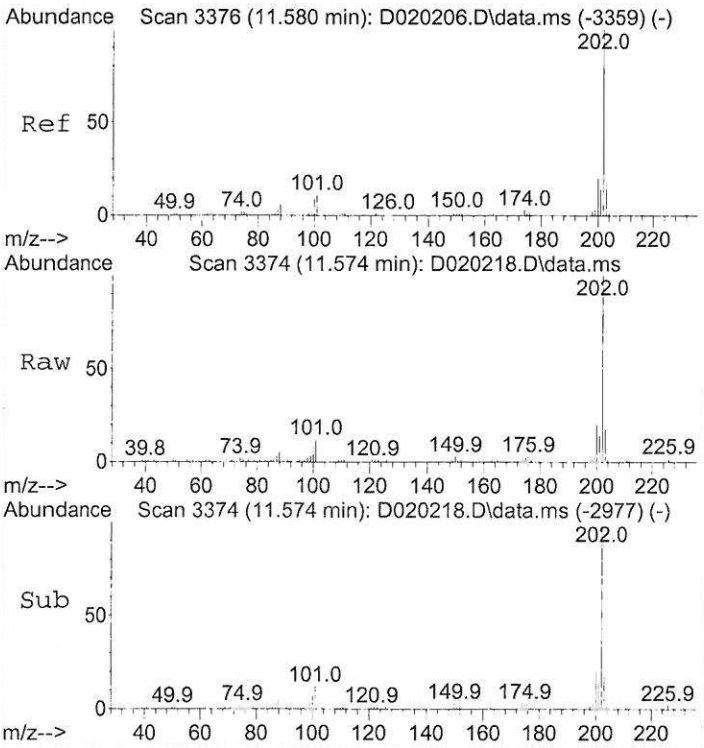


#65
Phenanthrene
Concen: 3.18 ug/ml
RT: 9.420 min Scan# 2681
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:178 Resp: 12935

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.0	15.4	23.0

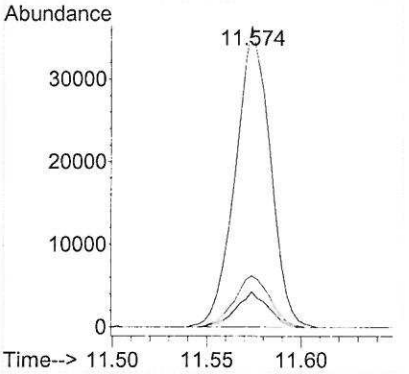


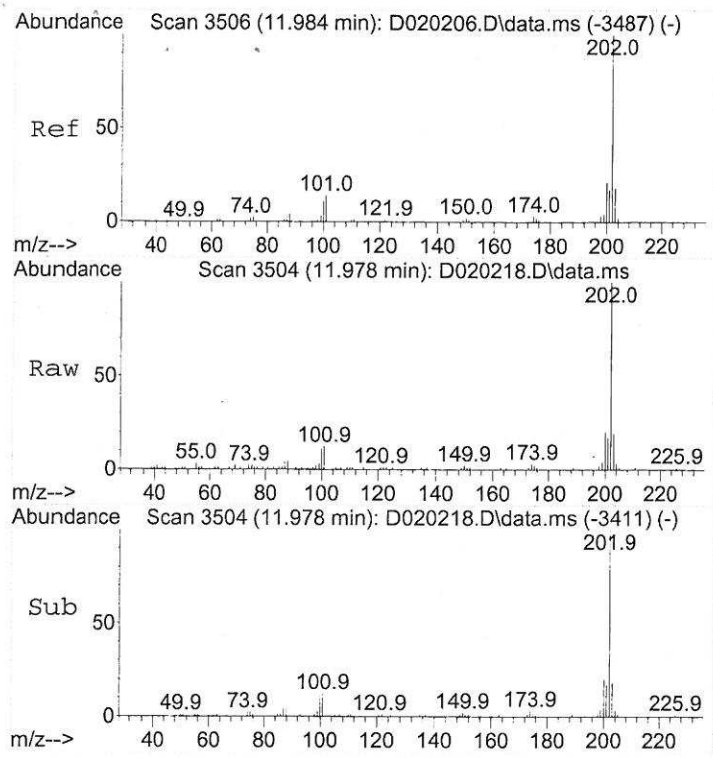


#69
Flouranthene
Concen: 10.97 ug/ml
RT: 11.574 min Scan# 3374
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:202 Resp: 46398

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.4
203	17.5	13.9	20.9

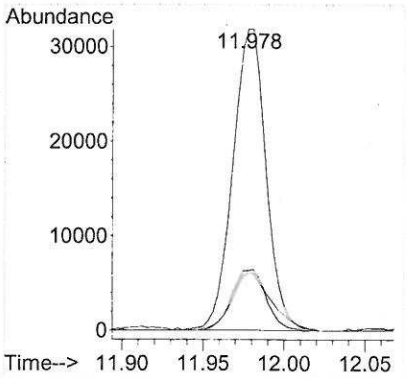


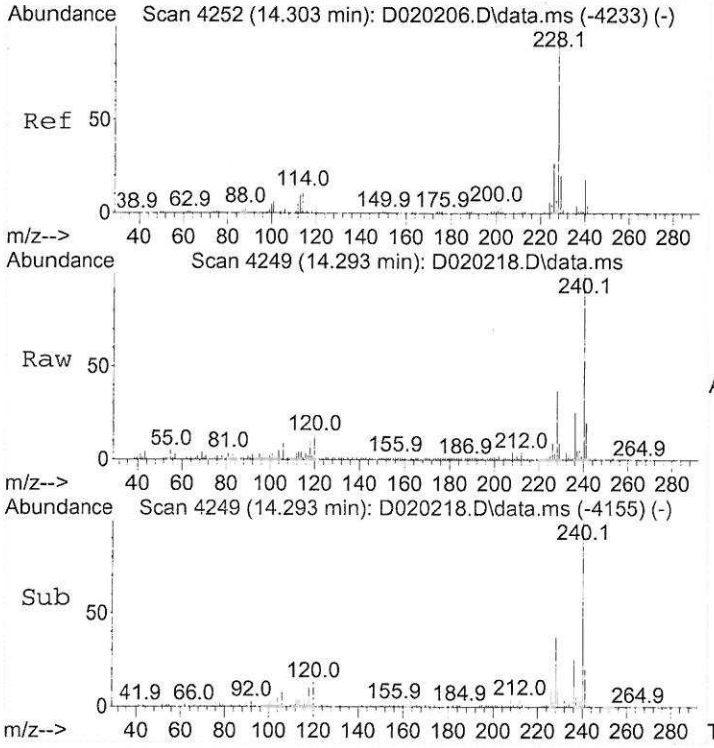


#73
Pyrene
Concen: 6.02 ug/ml
RT: 11.978 min Scan# 3504
Delta R.T. -0.006 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:202 Resp: 45548

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	22.4	14.3	21.5#

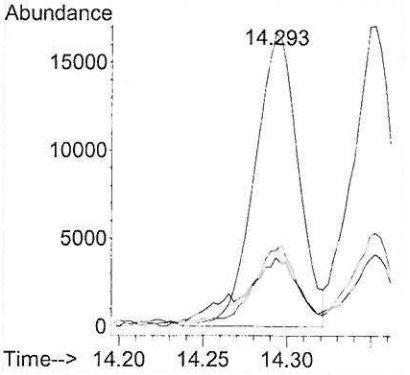


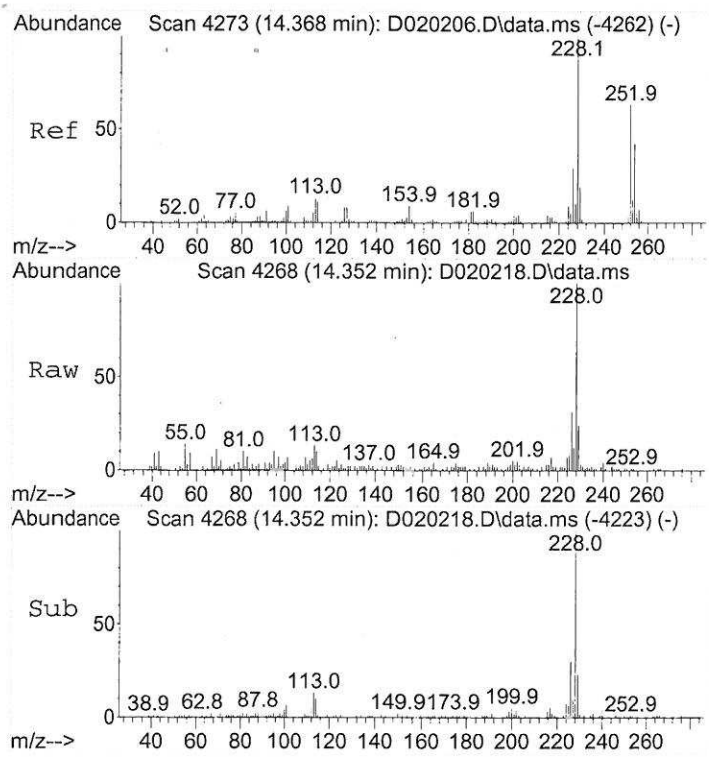


#76
Benzo(a)anthracene
Concen: 5.02 ug/ml
RT: 14.293 min Scan# 4249
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:228 Resp: 30075

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	30.0	20.8	31.2

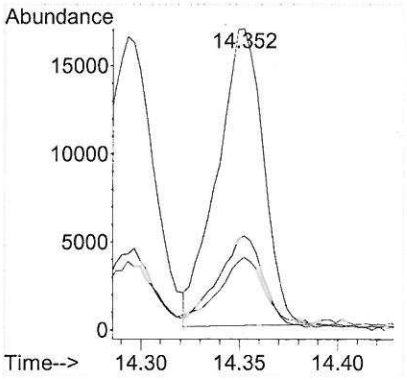


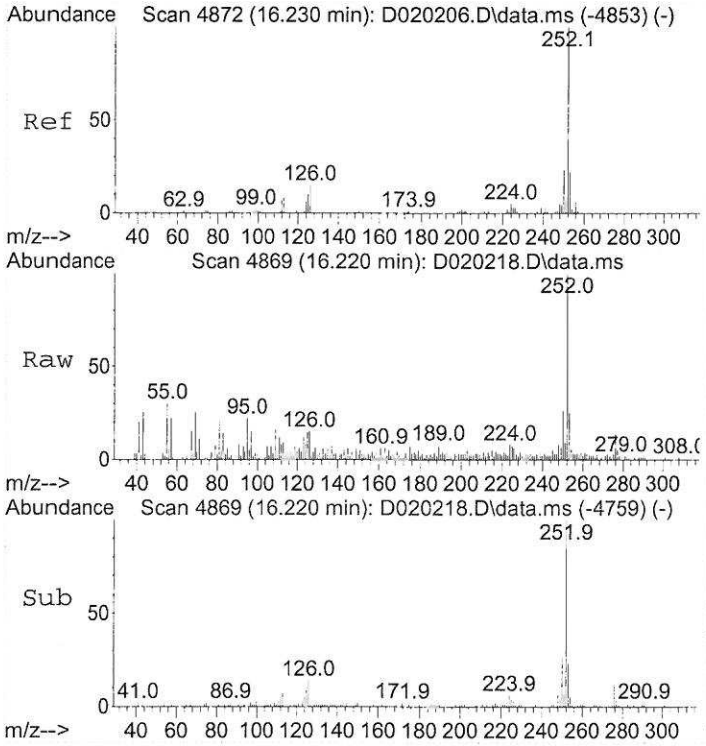


#77
Chrysene
Concen: 4.76 ug/ml
RT: 14.352 min Scan# 4268
Delta R.T. -0.016 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:228 Resp: 27536

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	23.3	15.6	23.4

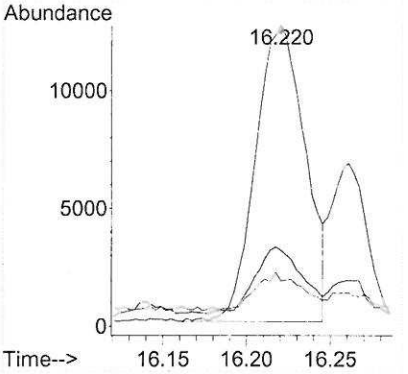


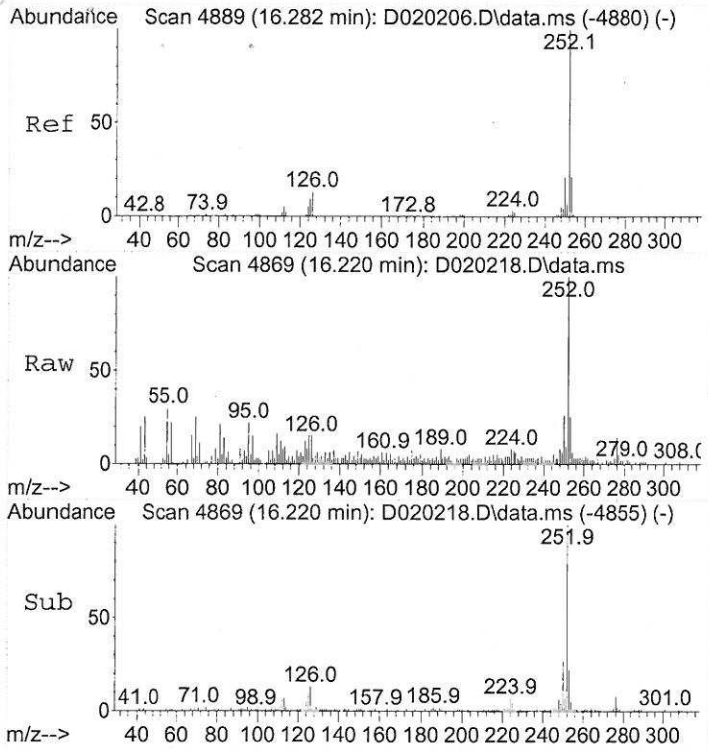


#81
Benzo(b)fluoranthene
Concen: 7.17 ug/ml
RT: 16.220 min Scan# 4869
Delta R.T. -0.009 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 25867

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.4
125	12.1	9.8	14.6

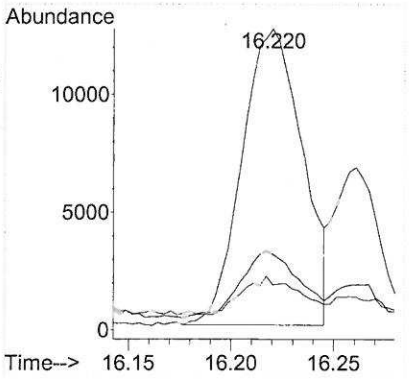


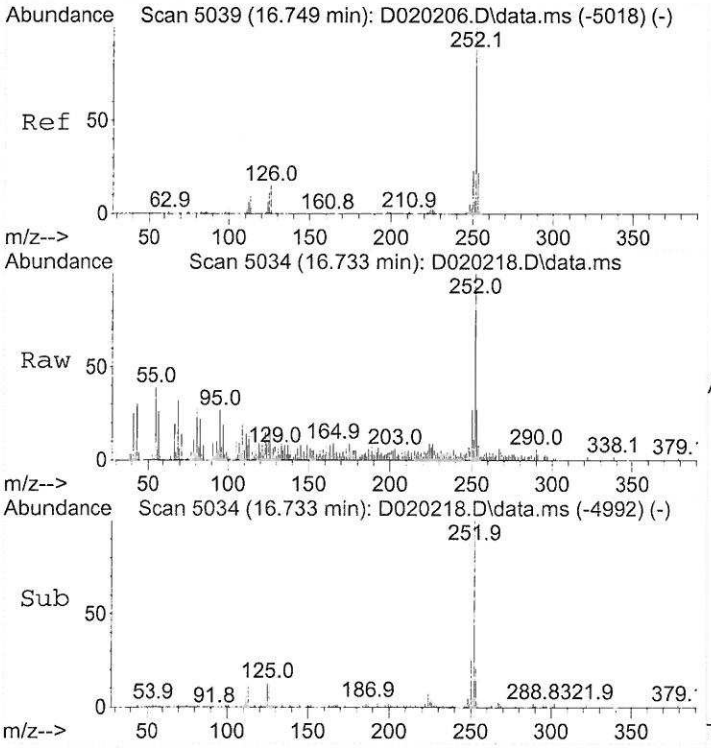


#82
Benzo(k)fluoranthene
Concen: 7.39 ug/ml
RT: 16.220 min Scan# 4869
Delta R.T. -0.062 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 25681

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.9	25.3
125	11.8	8.0	12.0

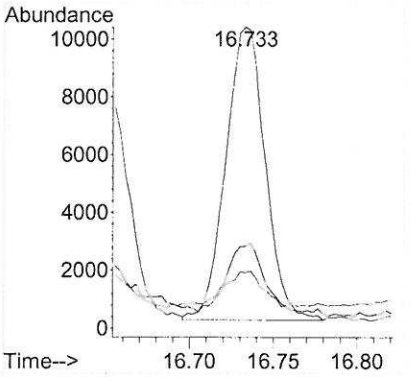


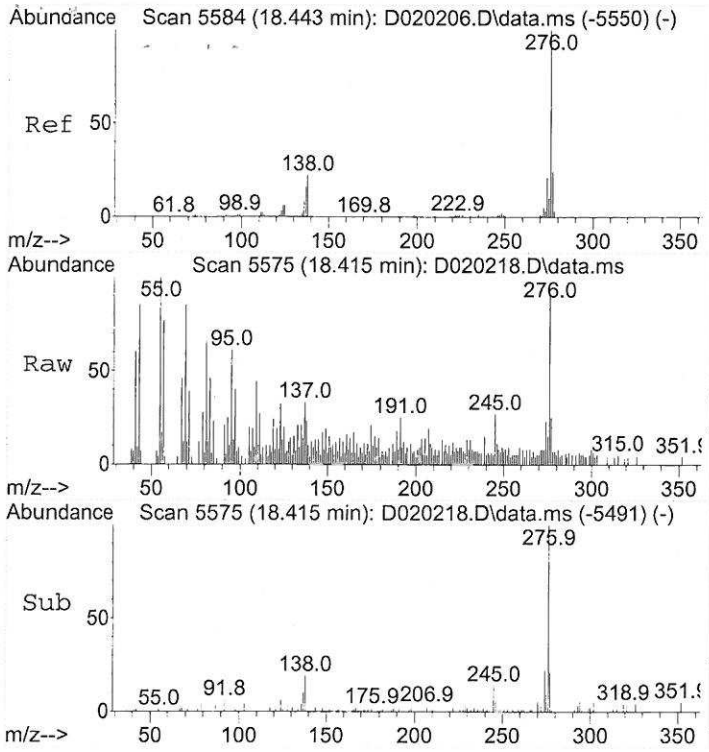


#83
Benzo(a)pyrene
Concen: 5.18 ug/ml
RT: 16.733 min Scan# 5034
Delta R.T. -0.016 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:252 Resp: 16613

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	13.0	9.0	13.6

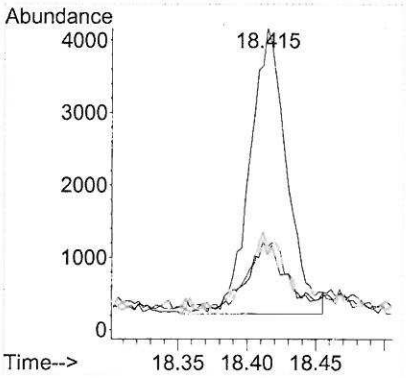


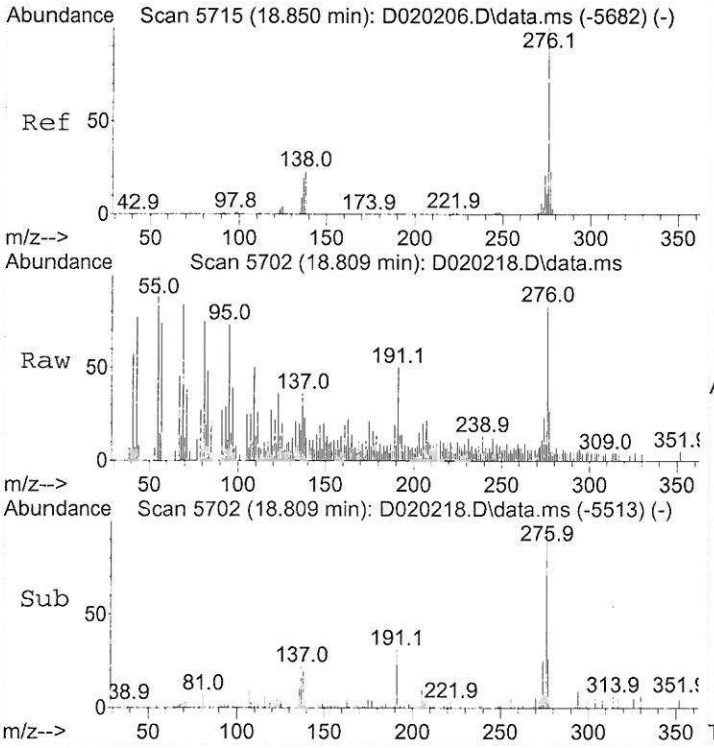


#84
Indeno(1,2,3-cd)pyrene
Concen: 2.97 ug/ml
RT: 18.415 min Scan# 5575
Delta R.T. -0.028 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:276 Resp: 7365

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.6	27.8
277	25.3	19.2	28.8

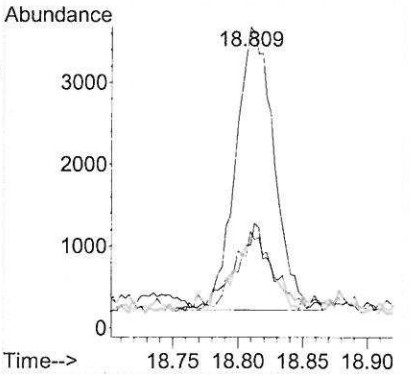




#86
Benzo(g,h,i)perylene
Concen: 2.67 ug/ml
RT: 18.809 min Scan# 5702
Delta R.T. -0.040 min
Lab File: D020218.D
Acq: 2 Feb 2012 4:50 pm

Tgt Ion:276 Resp: 7141

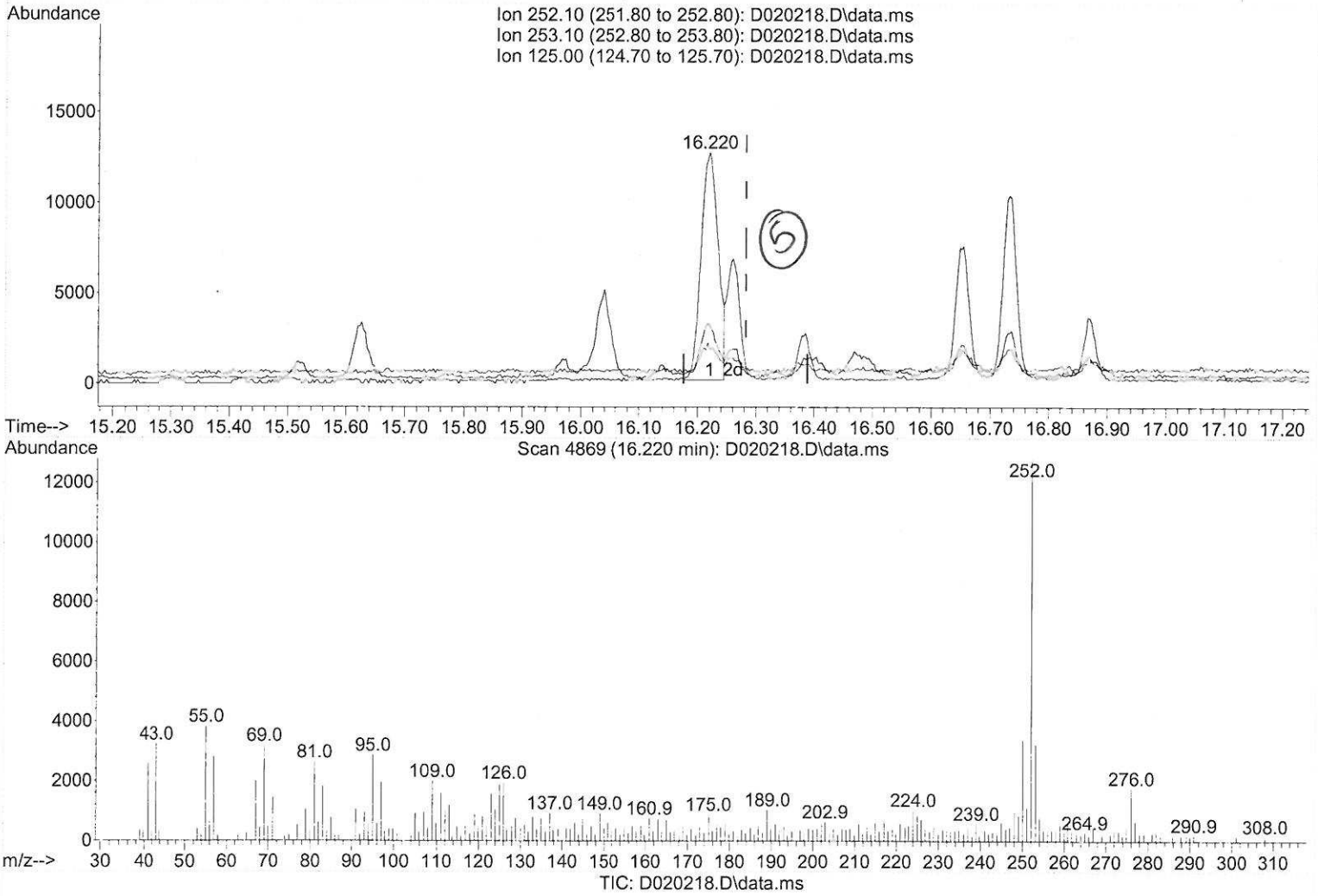
Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.8	29.8
277	24.5	18.8	28.2



Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(82) Benzo(k)fluoranthene

16.220min (-0.062) 7.39 ug/ml

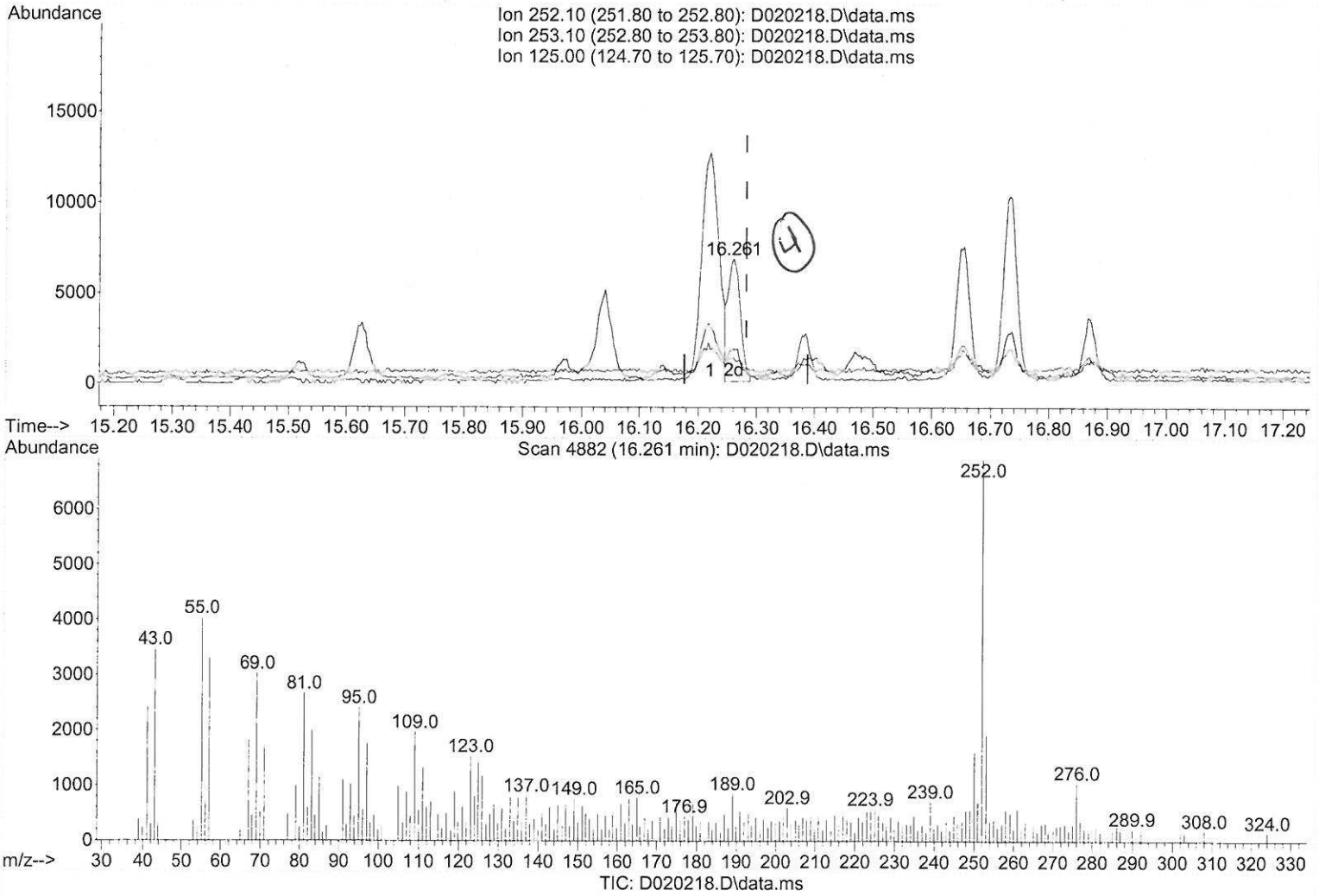
response 25681

Ion	Exp%	Act%
252.10	100	100
253.10	21.10	21.84
125.00	10.00	11.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : 0:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X Inst : GCMSSV4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 03 09:16:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(82) Benzo(k)fluoranthene

16.261min (-0.022) 2.89 ug/ml m

response 10060

Ion	Exp%	Act%
252.10	100	100
253.10	21.10	55.76#
125.00	10.00	30.11#
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.656	186.5	ug/ml	1183600	1	4.372	253834	40.0
2-Pentanone, 4-...	2.890	11.4	ug/ml	72630	1	4.372	253834	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020218.D\data.ms

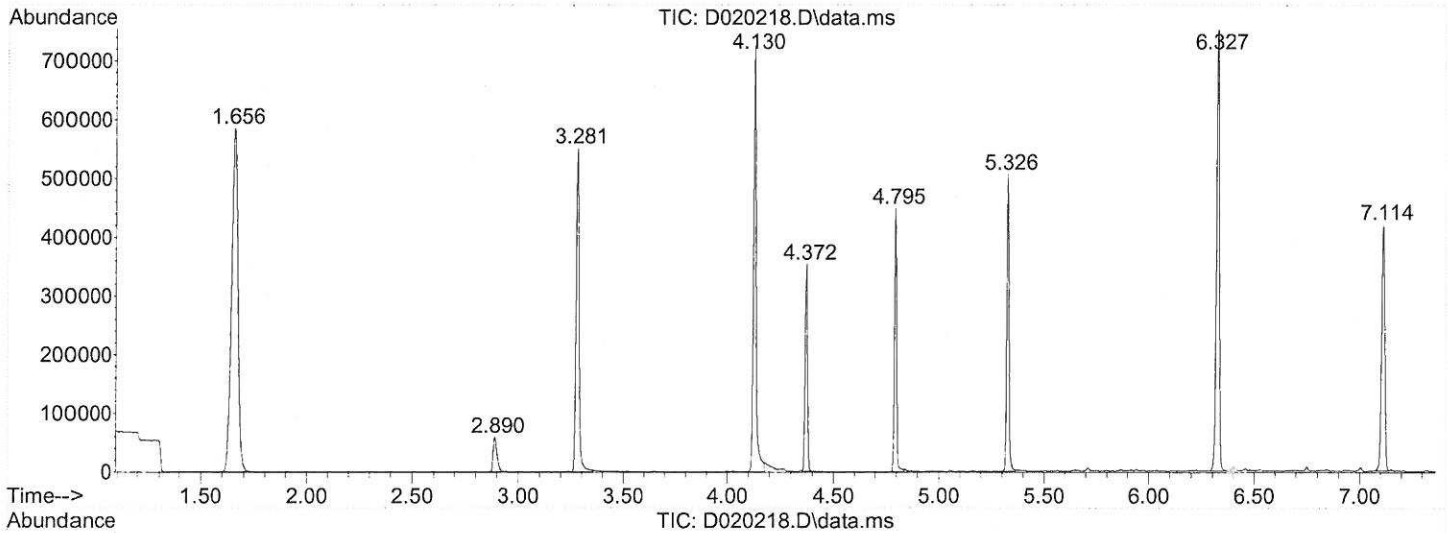
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.656	164	183	203	rBV	584952	1183604	100.00%	15.689%
2	2.890	574	580	596	rBV	58435	72630	6.14%	0.963%
3	3.281	698	706	730	rBV	551801	561222	47.42%	7.439%
4	4.130	969	979	993	rBV	724851	636410	53.77%	8.436%
5	4.372	1051	1057	1066	rVB	352759	253834	21.45%	3.365%
6	4.795	1186	1193	1206	rBV	448814	319123	26.96%	4.230%
7	5.326	1357	1364	1376	rBV	505882	376849	31.84%	4.995%
8	6.327	1674	1686	1698	rBV	751653	701532	59.27%	9.299%
9	7.114	1926	1939	1948	rBV	420211	434455	36.71%	5.759%
10	8.257	2295	2307	2322	rVB	469407	563141	47.58%	7.464%
11	9.382	2655	2669	2676	rBV	308554	390064	32.96%	5.170%
12	9.417	2676	2680	2688	rVB	26696	29625	2.50%	0.393%
13	10.393	2986	2994	3001	rBV	18213	21194	1.79%	0.281%
14	11.574	3364	3374	3383	rVB	83607	106398	8.99%	1.410%
15	11.723	3416	3422	3431	rBV9	9621	11958	1.01%	0.159%
16	11.981	3496	3505	3521	rVB	75581	127011	10.73%	1.684%
17	12.419	3633	3646	3655	rBV2	577403	814978	68.86%	10.803%
18	14.312	4242	4255	4263	rBV	398105	638677	53.96%	8.466%
19	16.833	5058	5066	5075	rVB	195608	301617	25.48%	3.998%

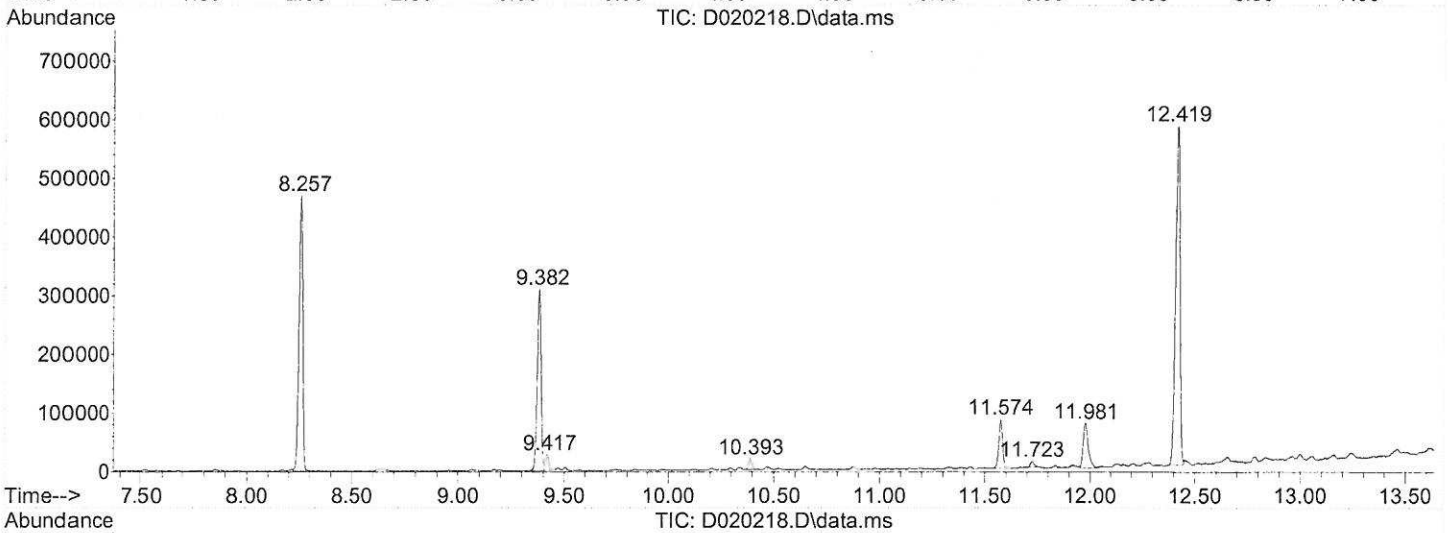
Sum of corrected areas: 7544322

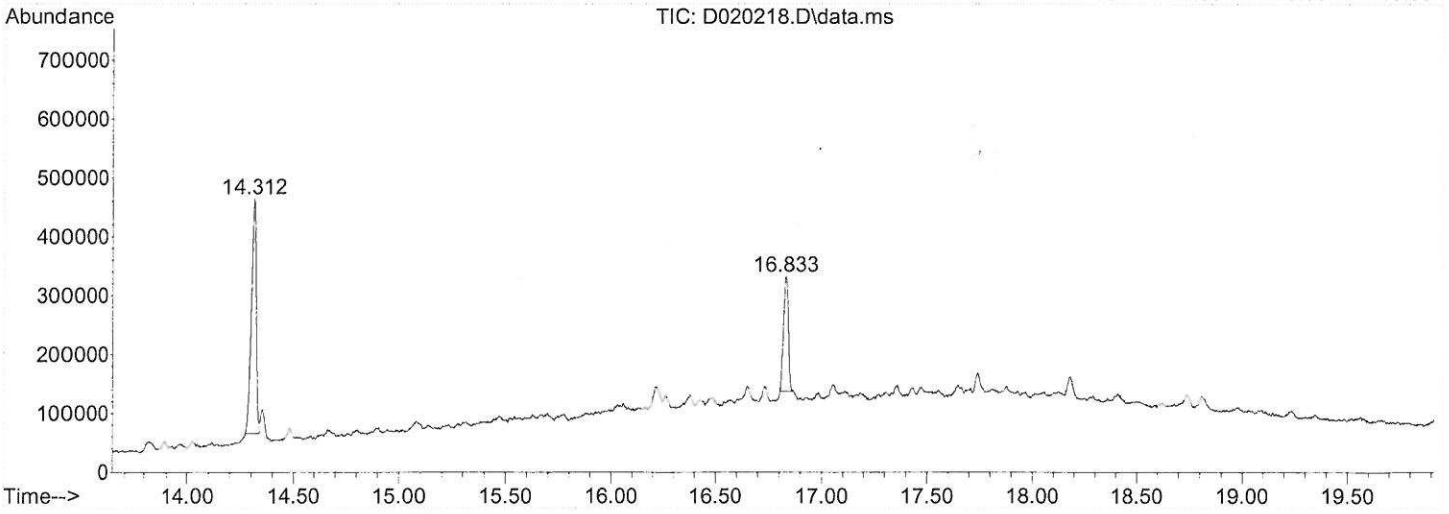
Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p







Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

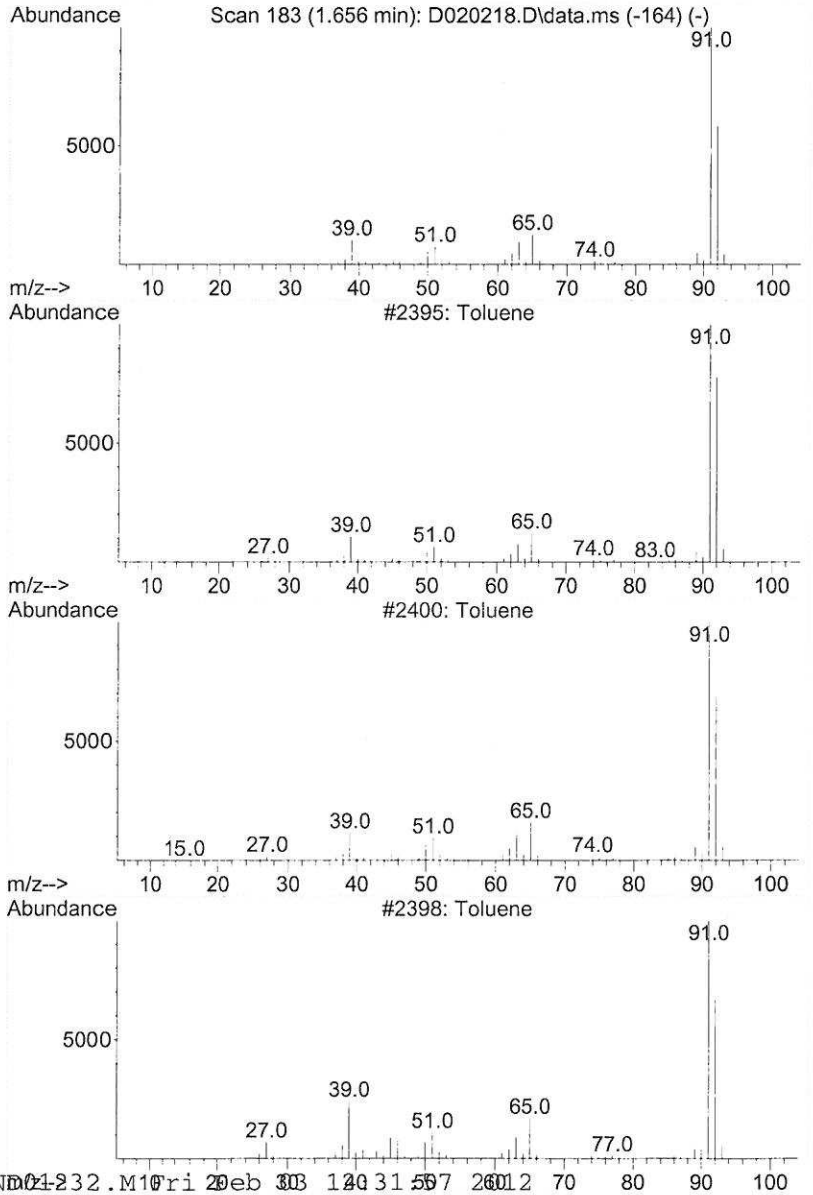
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

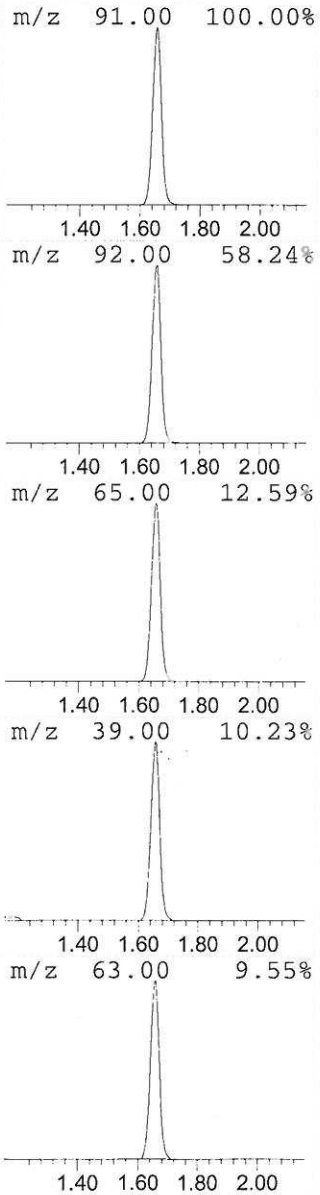
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.656	186.52 ug/ml	1183600	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020218.D
Acq On : 2 Feb 2012 4:50 pm
Operator : BGL
Sample : 12A0882-01 @/ RR1X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

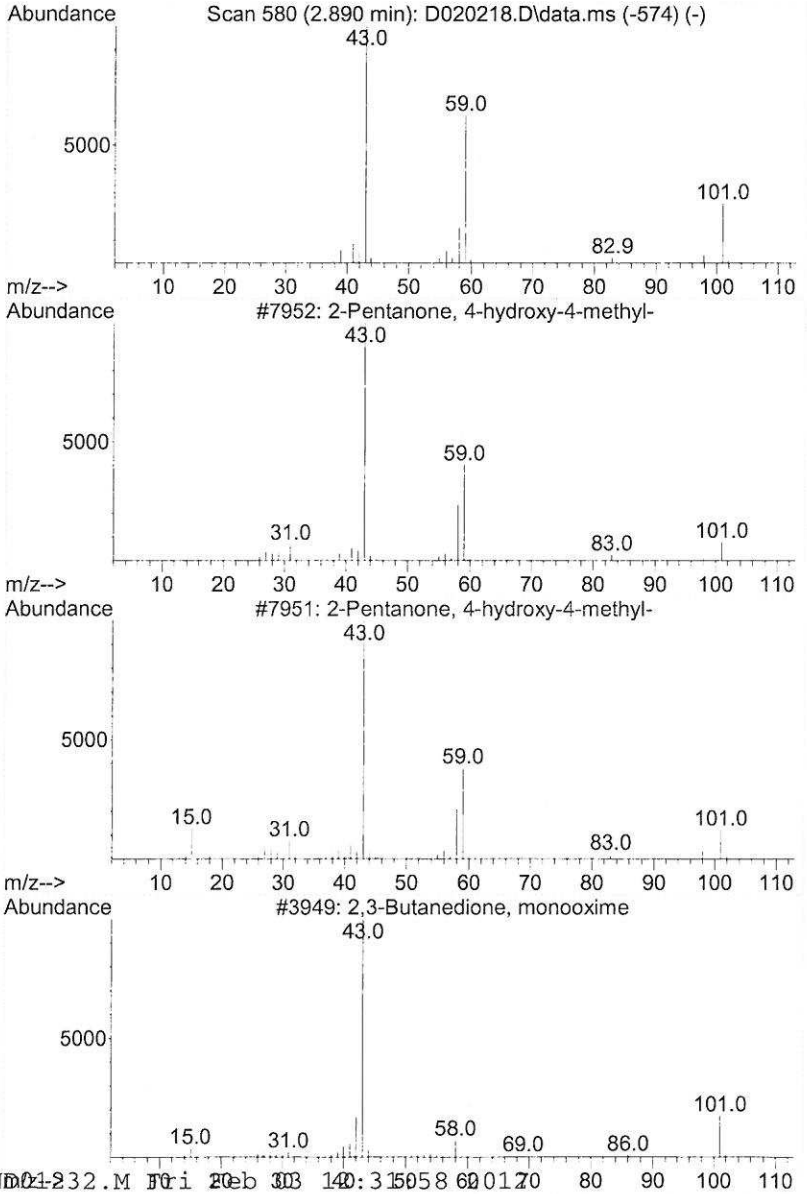
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

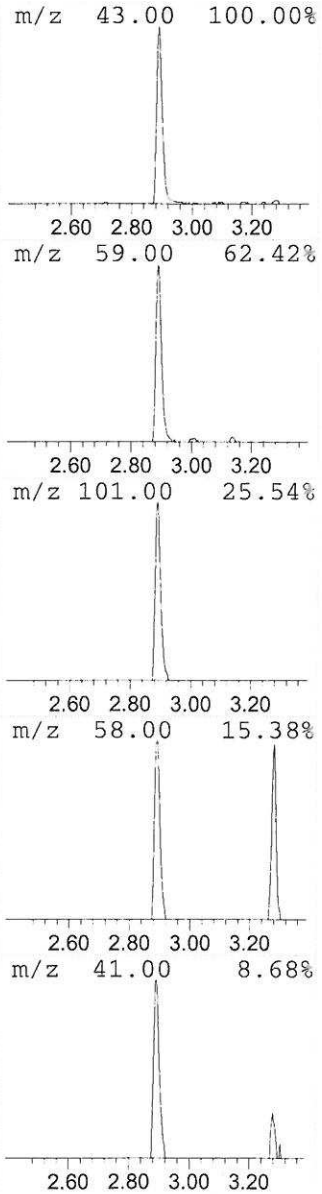
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.890	11.45 ug/ml	72630	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.086	0.18	
208-96-8	Acenaphthylene		0.086	0.18	
98-86-2	Acetophenone		0.13	0.36	
62-53-3	Aniline		0.12	0.36	
120-12-7	Anthracene		0.086	0.18	
92-87-5	Benzidine		0.086	0.36	L-04, V-20
56-55-3	Benzo(a)anthracene		0.086	0.18	
50-32-8	Benzo(a)pyrene	0.18	0.096	0.18	
205-99-2	Benzo(b)fluoranthene	0.25	0.096	0.18	
191-24-2	Benzo(g,h,i)perylene		0.075	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.096	0.36	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.36	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.36	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.36	
101-55-3	4-Bromophenylphenylether		0.075	0.36	
85-68-7	Butylbenzylphthalate		0.12	0.71	
86-74-8	Carbazole		0.086	0.18	
106-47-8	4-Chloroaniline		0.096	0.71	
59-50-7	4-Chloro-3-methylphenol		0.11	0.71	
91-58-7	2-Chloronaphthalene		0.075	0.36	
95-57-8	2-Chlorophenol		0.096	0.36	
7005-72-3	4-Chlorophenylphenylether		0.13	0.36	
218-01-9	Chrysene		0.086	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.075	0.18	
132-64-9	Dibenzofuran		0.086	0.36	
84-74-2	Di-n-butylphthalate		0.086	0.36	
95-50-1	1,2-Dichlorobenzene		0.086	0.36	
541-73-1	1,3-Dichlorobenzene		0.086	0.36	
106-46-7	1,4-Dichlorobenzene		0.086	0.36	
91-94-1	3,3-Dichlorobenzidine		0.064	0.18	
120-83-2	2,4-Dichlorophenol		0.086	0.36	
84-66-2	Diethylphthalate		0.11	0.36	
105-67-9	2,4-Dimethylphenol		0.075	0.36	
131-11-3	Dimethylphthalate		0.11	0.71	
534-52-1	4,6-Dinitro-2-methylphenol		0.043	0.36	V-20
51-28-5	2,4-Dinitrophenol		0.043	0.71	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.36	
606-20-2	2,6-Dinitrotoluene		0.12	0.36	
117-84-0	Di-n-octylphthalate		0.14	0.71	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.086	0.36	
206-44-0	Fluoranthene	0.23	0.075	0.18	
86-73-7	Fluorene		0.096	0.18	
118-74-1	Hexachlorobenzene		0.086	0.36	
87-68-3	Hexachlorobutadiene		0.064	0.36	
77-47-4	Hexachlorocyclopentadiene		0.064	0.71	
67-72-1	Hexachloroethane		0.086	0.36	
193-39-5	Indeno(1,2,3-cd)pyrene		0.075	0.18	
78-59-1	Isophorone		0.11	0.36	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	D020214.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:28
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.2 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.36	
108-39-4/106-44	3/4-Methylphenol		0.17	0.36	
91-20-3	Naphthalene		0.075	0.18	
88-74-4	2-Nitroaniline		0.11	0.36	
99-09-2	3-Nitroaniline		0.11	0.36	
100-01-6	4-Nitroaniline		0.13	0.36	
98-95-3	Nitrobenzene		0.075	0.36	
88-75-5	2-Nitrophenol		0.053	0.36	
100-02-7	4-Nitrophenol		0.043	0.71	
62-75-9	N-Nitrosodimethylamine		0.064	0.36	
86-30-6	N-Nitrosodiphenylamine		0.12	0.36	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.36	
82-68-8	Pentachloronitrobenzene		0.12	0.36	
87-86-5	Pentachlorophenol		0.064	0.36	V-20
85-01-8	Phenanthrene		0.086	0.18	
108-95-2	Phenol		0.096	0.36	
129-00-0	Pyrene		0.11	0.18	
110-86-1	Pyridine		0.086	0.36	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.075	0.36	
120-82-1	1,2,4-Trichlorobenzene		0.064	0.36	
95-95-4	2,4,5-Trichlorophenol		0.11	0.36	
88-06-2	2,4,6-Trichlorophenol		0.075	0.36	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

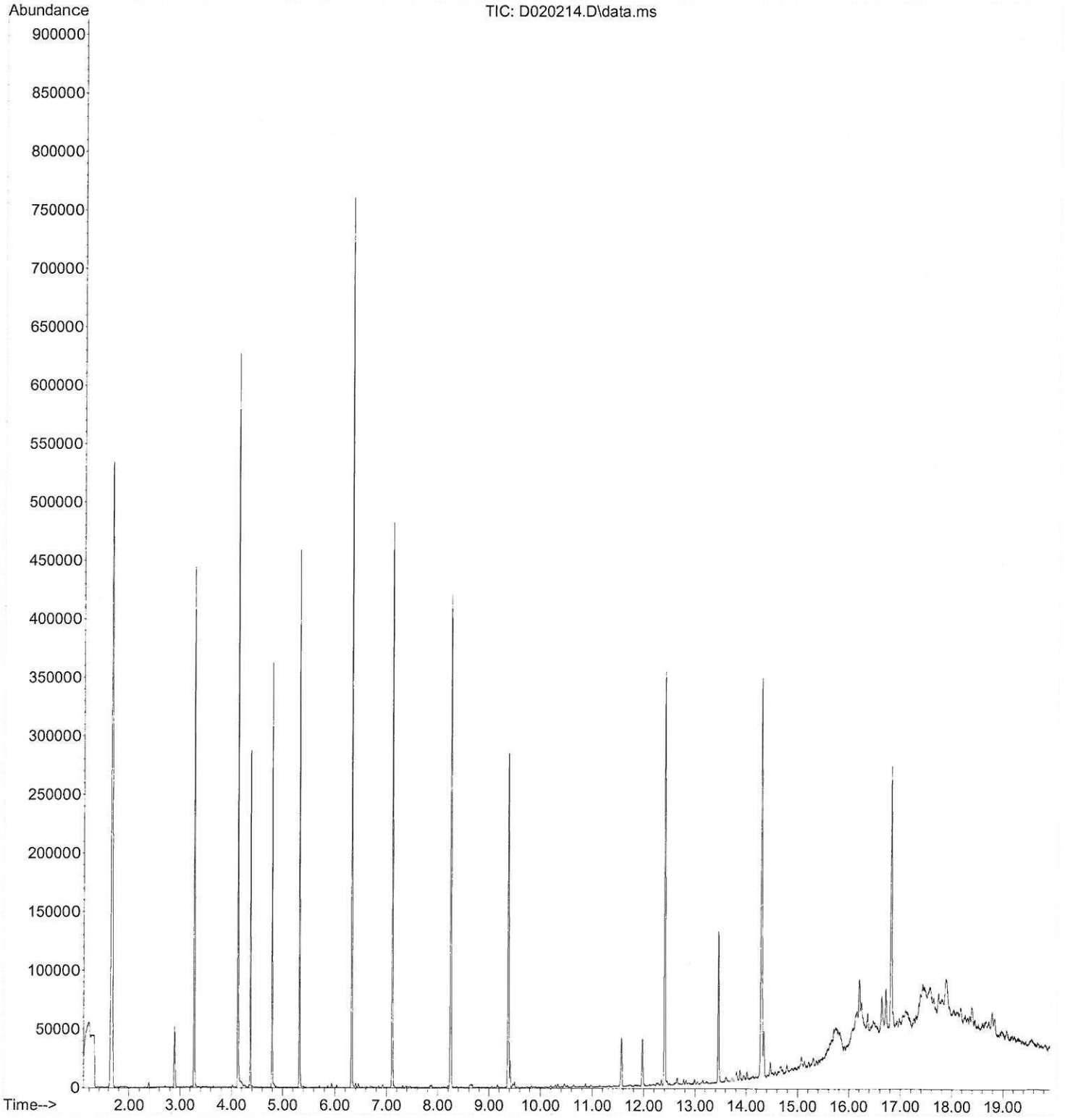
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	55735	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	164484	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	123374	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	158995	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.299	240	189104	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.820	264	123109	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	123598	134.22	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 67.11%			
3) Phenol-d6	4.127	99	181855	155.74	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 77.87%			
20) Nitrobenzene-d5	4.792	82	87059	56.36	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 56.36%			
36) 2-Fluorobiphenyl	6.324	172	223094	65.26	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 65.26%			
37) 2,4,6-Tribromophenol	8.251	330	57297	92.57	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 46.28%			
71) Terphenyl-d14	12.413	244	153442	41.41	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 41.41%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	11910	18.34	ug/ml#	77
65) Phenanthrene	9.414	178	11895	3.05	ug/ml	97
69) Flouranthene	11.567	202	26092	6.42	ug/ml	100
73) Pyrene	11.971	202	25691	4.20	ug/ml	96
74) Butylbenzyl phthalate	13.460	149	44225	18.51	ug/ml	98
76) Benzo(a)anthracene	14.343	228	20137	4.16	ug/ml	91
77) Chrysene	14.343	228	20666	4.42	ug/ml#	95
81) Benzo(b)fluoranthene	16.205	252	25931	7.11	ug/ml	99
82) Benzo(k)fluoranthene	16.245	252	9069	2.58	ug/ml	94
83) Benzo(a)pyrene	16.718	252	16777	5.18	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.396	276	7258	2.89	ug/ml	97
86) Benzo(g,h,i)perylene	18.788	276	7000	2.59	ug/ml#	86

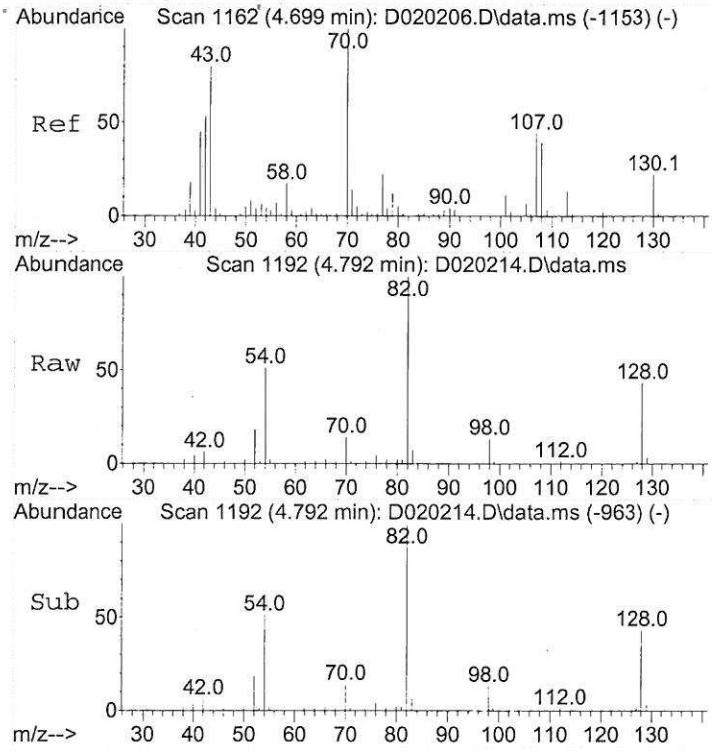
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

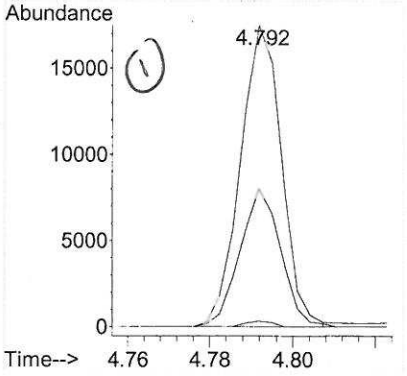


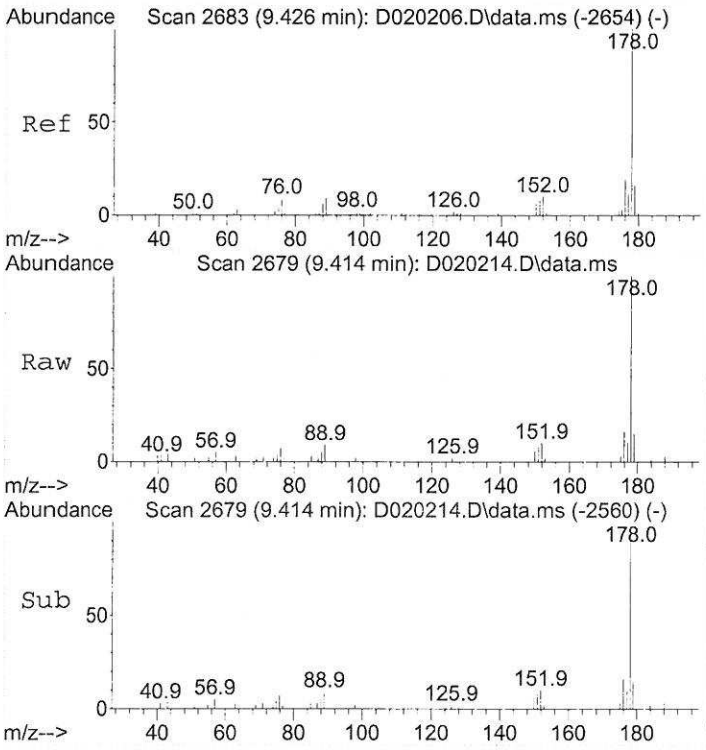


#17
N-Nitroso-Di-N-Propylamine
Concen: 18.34 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion: 70 Resp: 11910

Ion	Ratio	Lower	Upper
70	100		
42	45.5	44.4	66.6
101	0.0	8.2	12.4#
130	1.2	18.0	27.0#

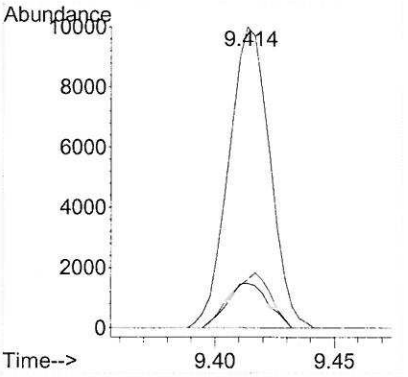


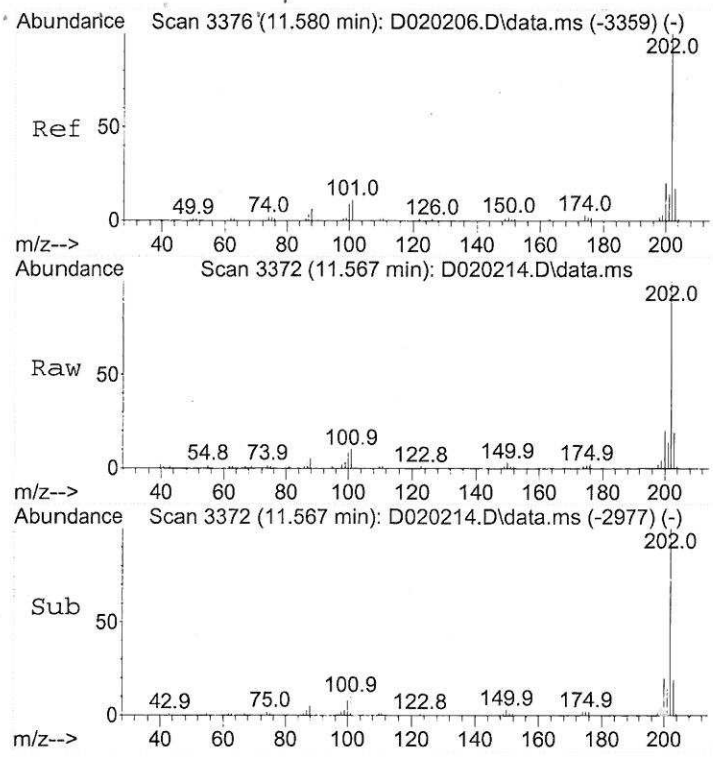


#65
Phenanthrene
Concen: 3.05 ug/ml
RT: 9.414 min Scan# 2679
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:178 Resp: 11895

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	17.5	15.4	23.0

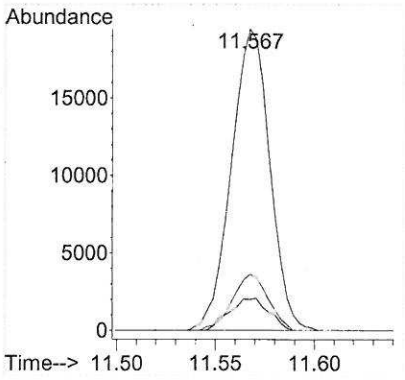


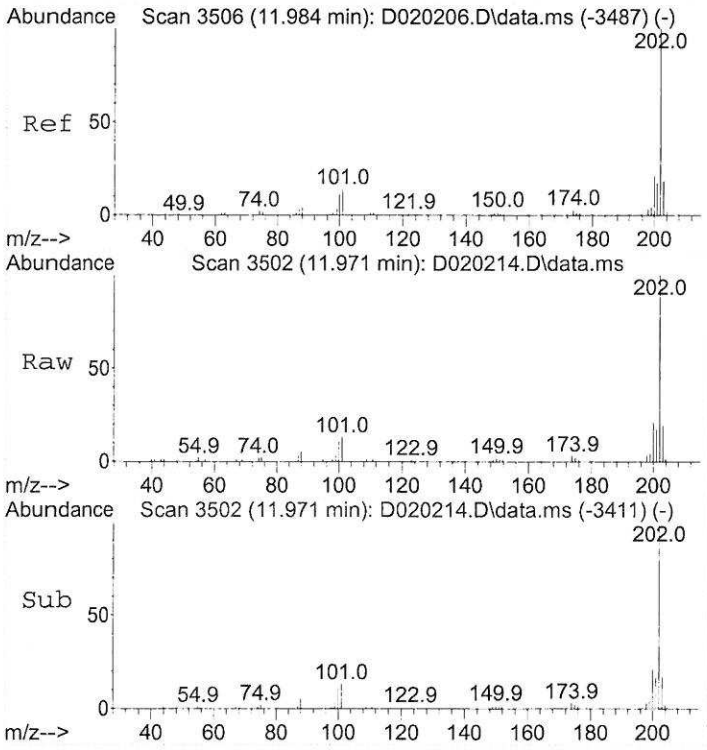


#69
Flouranthene
Concen: 6.42 ug/ml
RT: 11.567 min Scan# 3372
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:202 Resp: 26092

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.0	13.4
203	17.4	13.9	20.9

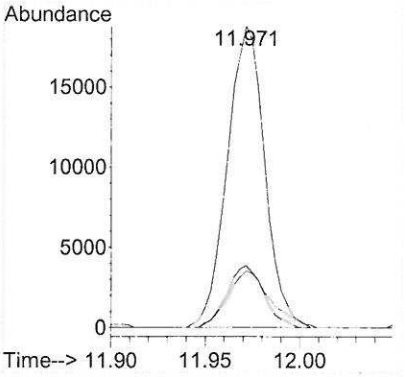


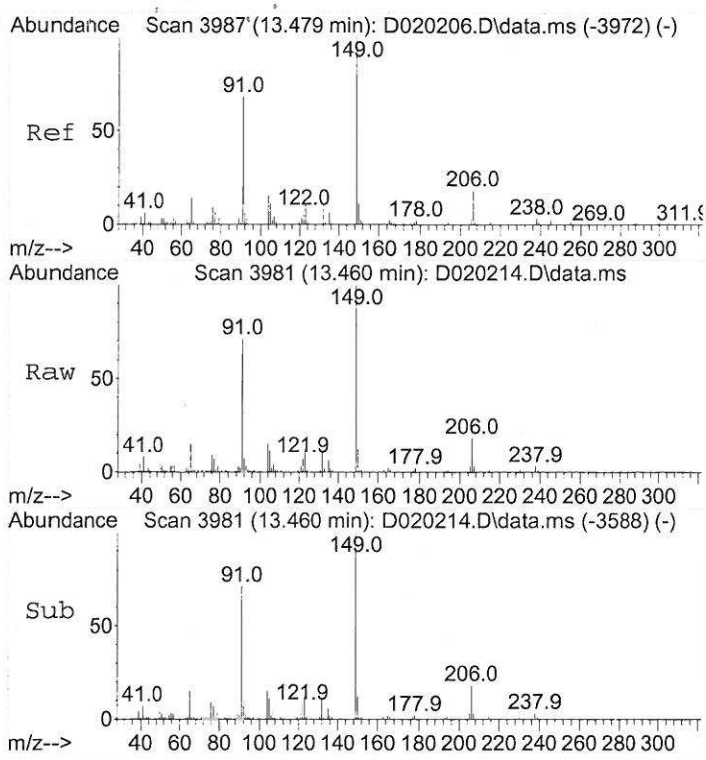


#73
Pyrene
Concen: 4.20 ug/ml
RT: 11.971 min Scan# 3502
Delta R.T. -0.012 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:202 Resp: 25691

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	20.9	14.3	21.5

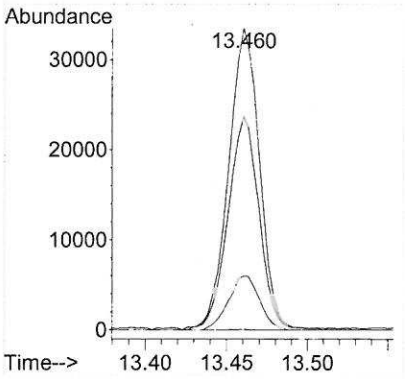


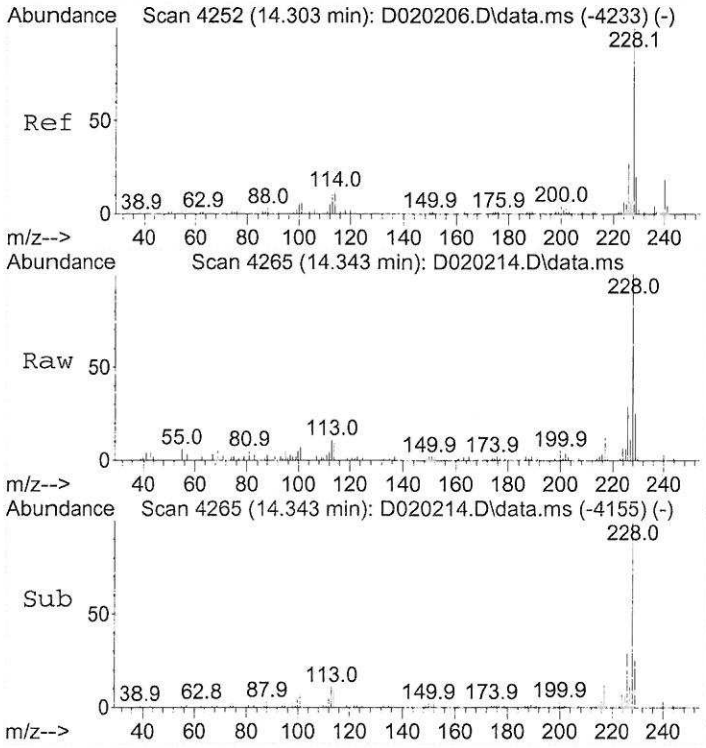


#74
Butylbenzyl phthalate
Concen: 18.51 ug/ml
RT: 13.460 min Scan# 3981
Delta R.T. -0.019 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:149 Resp: 44225

Ion	Ratio	Lower	Upper
149	100		
91	71.3	55.4	83.0
206	17.9	14.4	21.6

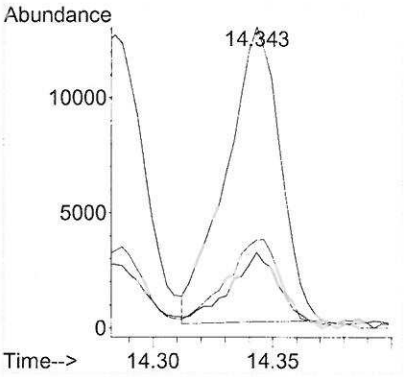


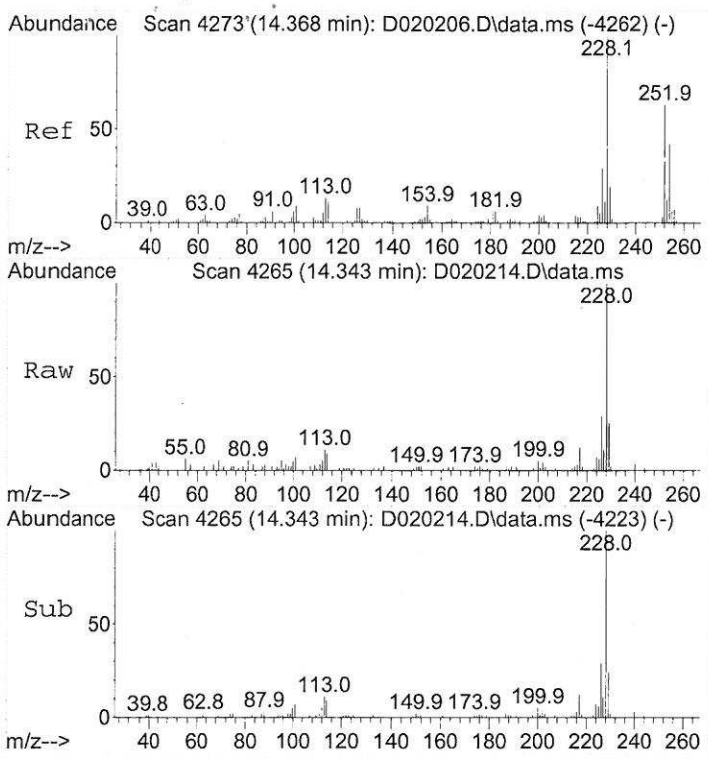


#76
Benzo(a)anthracene
Concen: 4.16 ug/ml
RT: 14.343 min Scan# 4265
Delta R.T. 0.040 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:228 Resp: 20137

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	31.2	20.8	31.2

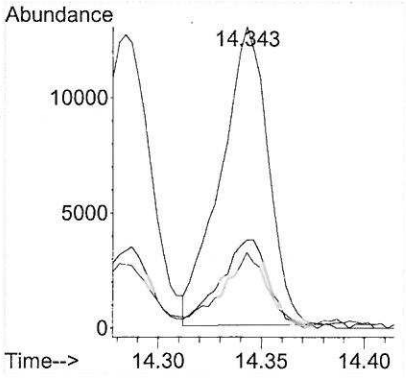


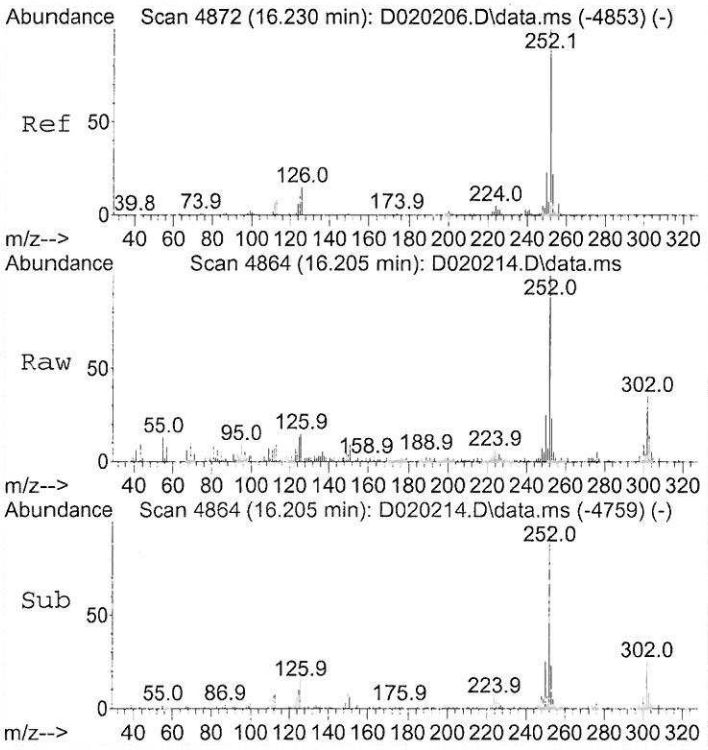


#77
Chrysene
Concen: 4.42 ug/ml
RT: 14.343 min Scan# 4265
Delta R.T. -0.025 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:228 Resp: 20666

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	24.5	15.6	23.4#

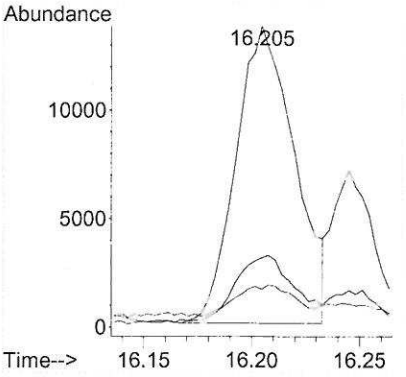


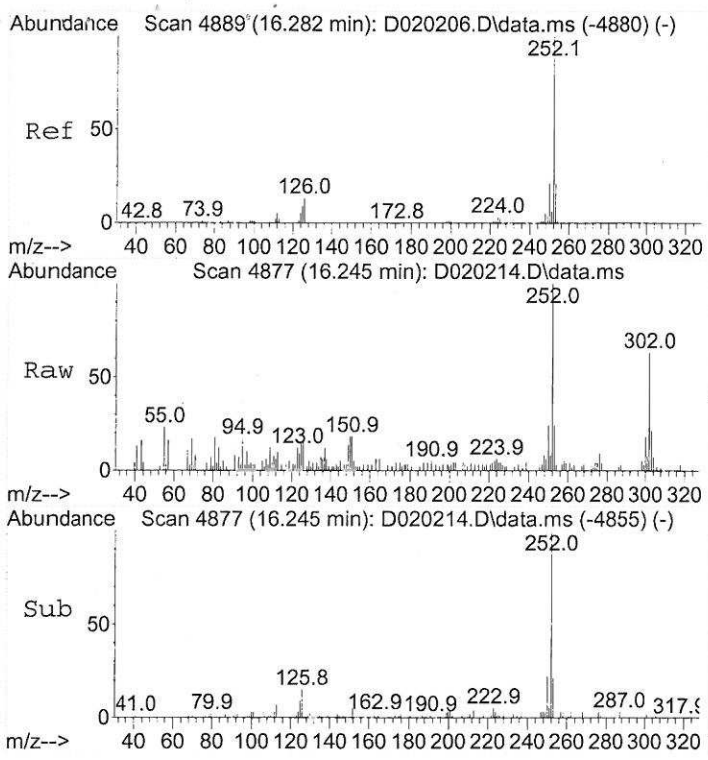


#81
Benzo(b)fluoranthene
Concen: 7.11 ug/ml
RT: 16.205 min Scan# 4864
Delta R.T. -0.025 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 25931

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	11.3	9.8	14.6

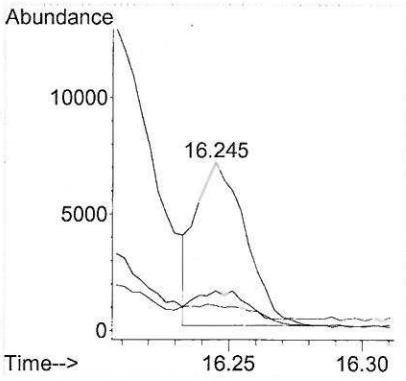


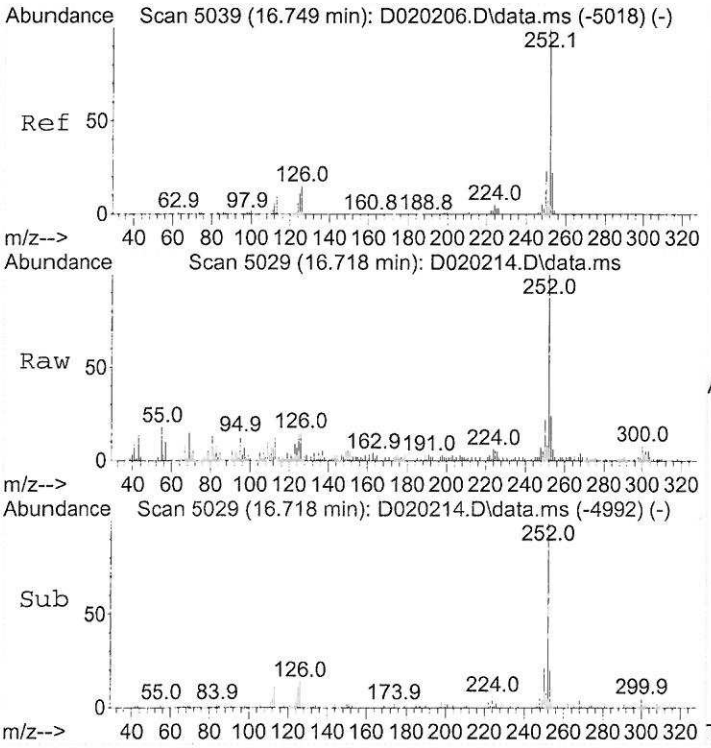


#82
Benzo(k)fluoranthene
Concen: 2.58 ug/ml
RT: 16.245 min Scan# 4877
Delta R.T. -0.037 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 9069

Ion	Ratio	Lower	Upper
252	100		
253	25.1	16.9	25.3
125	10.4	8.0	12.0

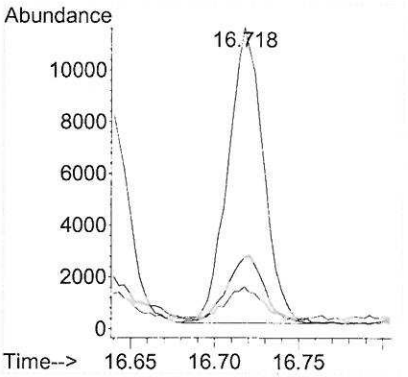


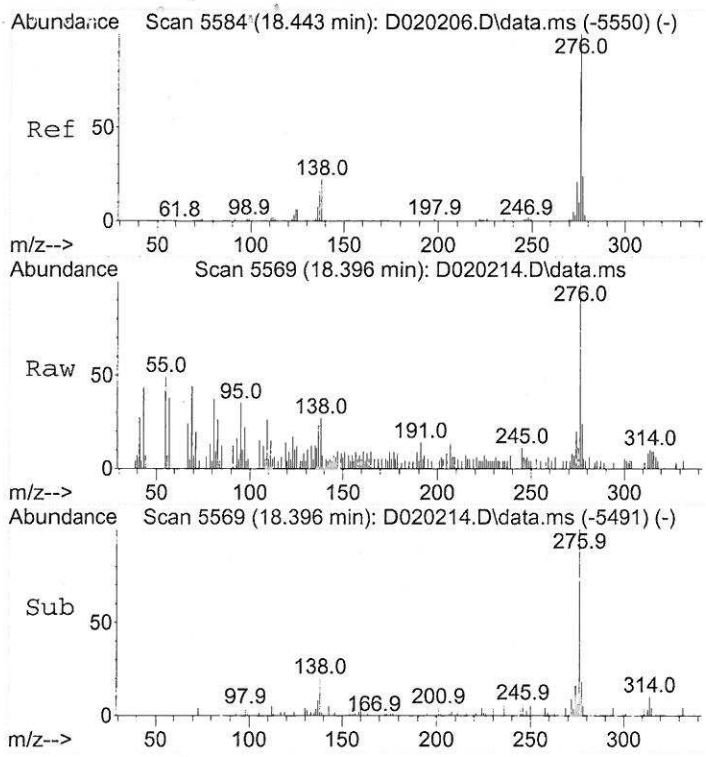


#83
Benzo(a)pyrene
Concen: 5.18 ug/ml
RT: 16.718 min Scan# 5029
Delta R.T. -0.031 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:252 Resp: 16777

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.9	9.0	13.6

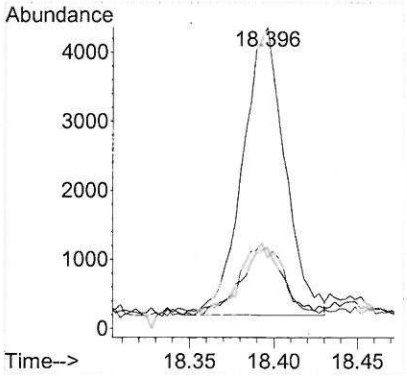


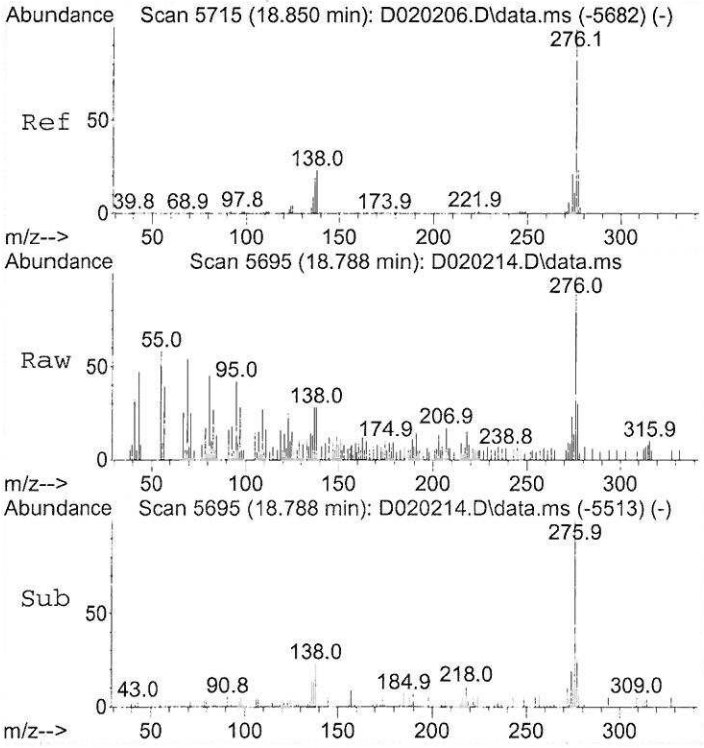


#84
Indeno(1,2,3-cd)pyrene
Concen: 2.89 ug/ml
RT: 18.396 min Scan# 5569
Delta R.T. -0.047 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:276 Resp: 7258

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.6	27.8
277	25.0	19.2	28.8

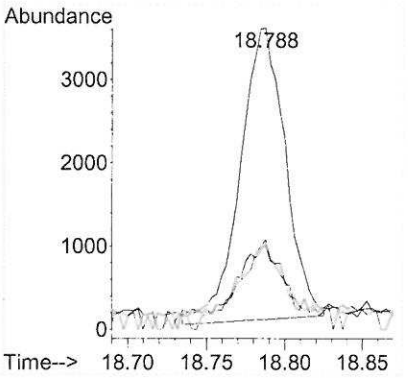




#86
Benzo(g,h,i)perylene
Concen: 2.59 ug/ml
RT: 18.788 min Scan# 5695
Delta R.T. -0.062 min
Lab File: D020214.D
Acq: 2 Feb 2012 3:28 pm

Tgt Ion:276 Resp: 7000

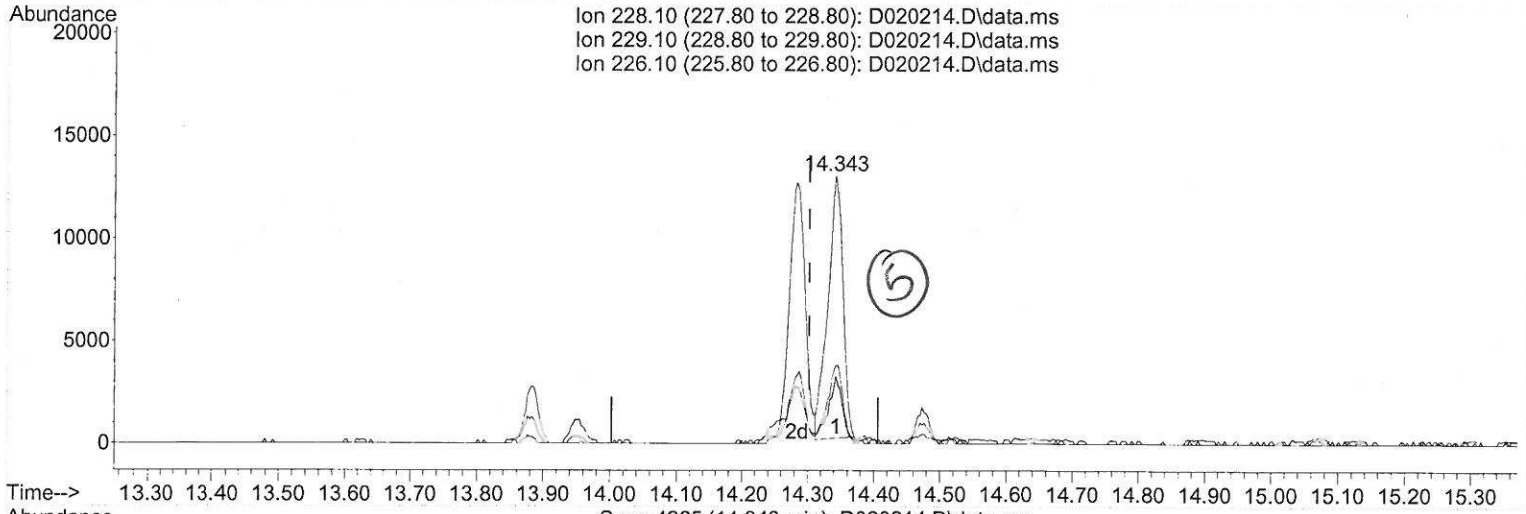
Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.8	29.8
277	33.5	18.8	28.2#

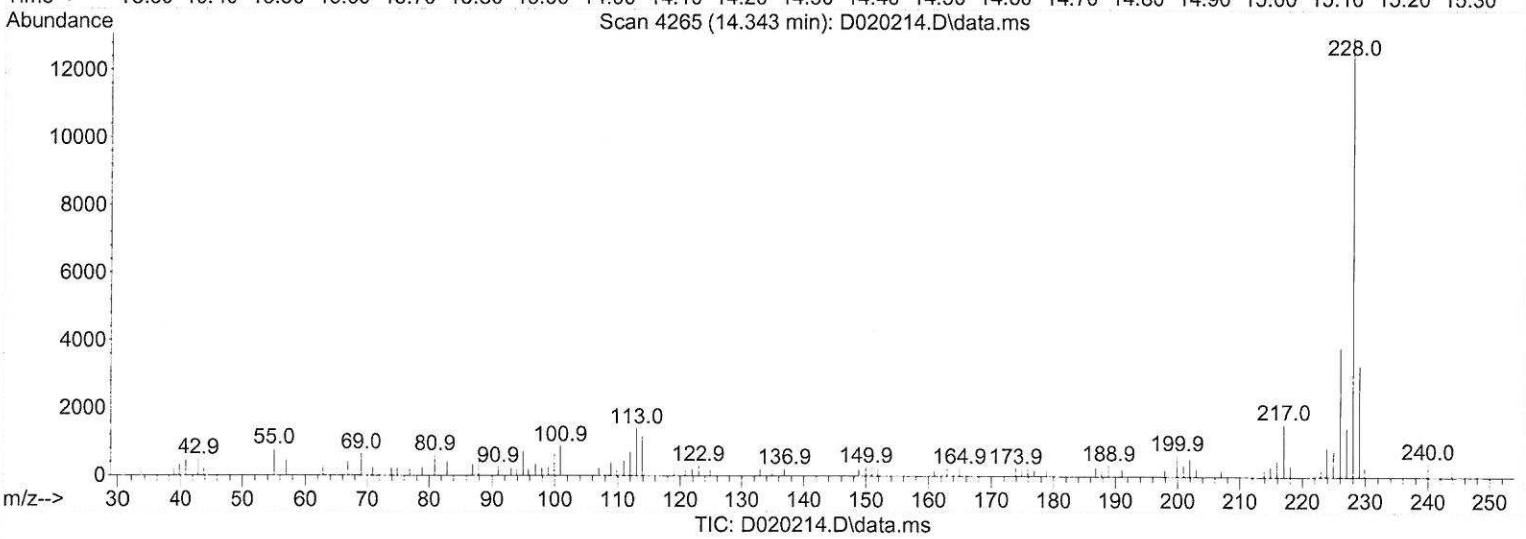


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020214.D\data.ms

(76) Benzo(a)anthracene

14.343min (+0.040) 4.16 ug/ml

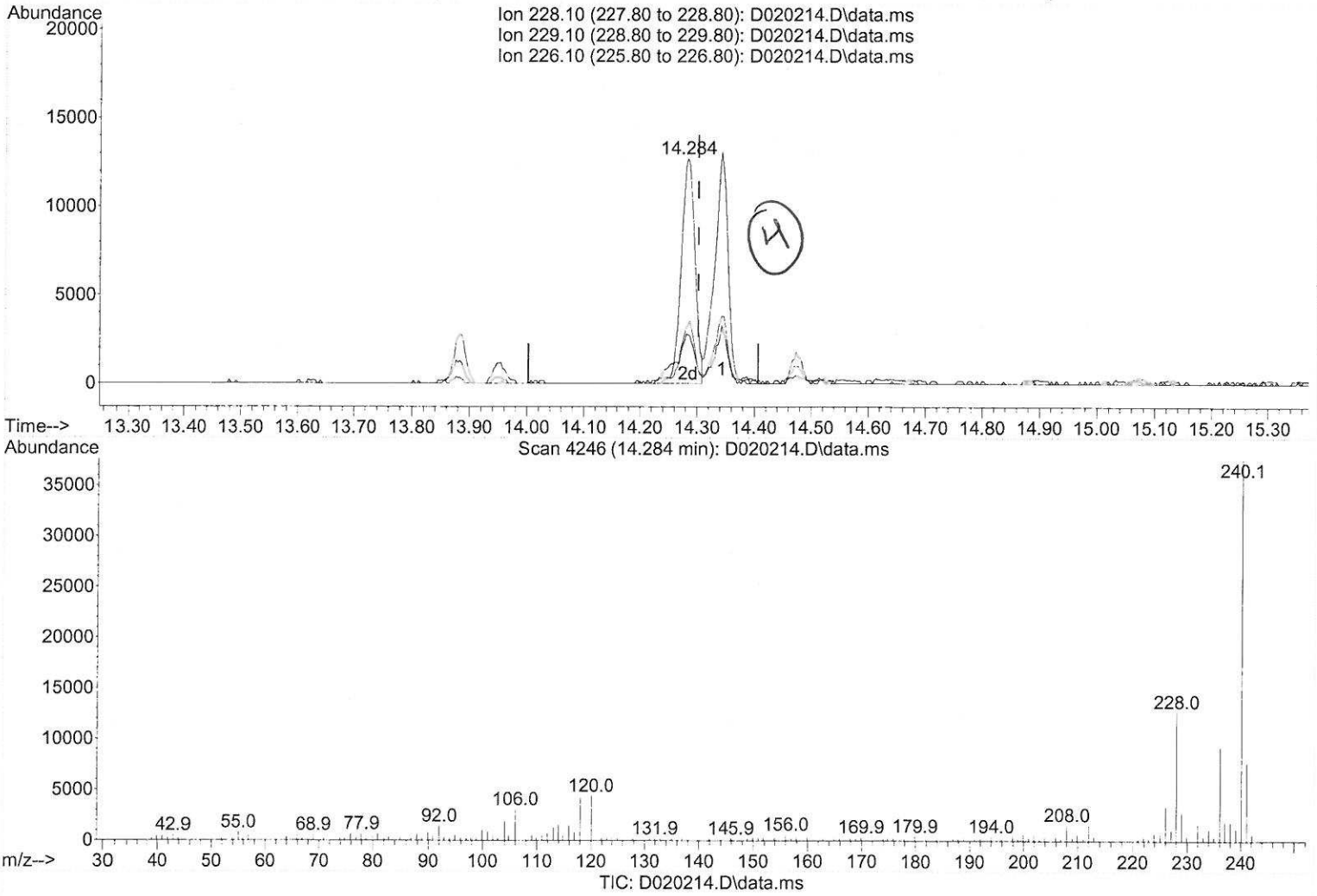
response 20137

Ion	Exp%	Act%
228.10	100	100
229.10	19.70	22.62
226.10	26.00	31.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02 Inst : GCMSSV4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 03 09:15:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(76) Benzo(a)anthracene

14.284min (-0.019) 4.48 ug/ml m

response 21672

Ion	Exp%	Act%
228.10	100	100
229.10	19.70	21.01
226.10	26.00	28.95
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.659	191.2	ug/ml	1005270	1	4.372	210299	40.0
2-Pentanone, 4-...	2.886	12.0	ug/ml	63198	1	4.372	210299	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020214.D\data.ms

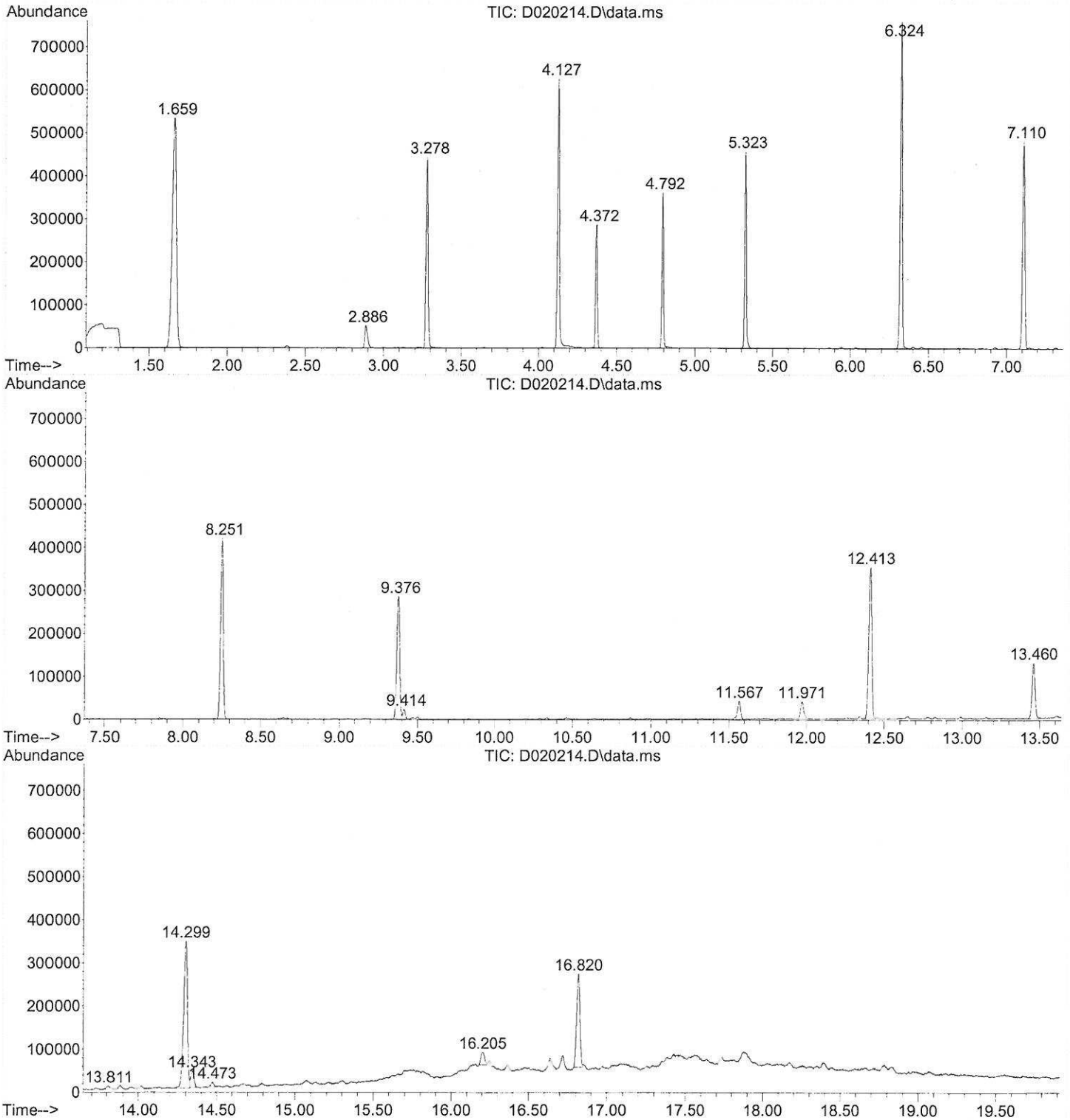
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.659	165	184	204	rVB	533996	1005266	100.00%	15.340%
2	2.886	572	579	596	rBV	51528	63198	6.29%	0.964%
3	3.278	697	705	719	rBV	444217	419676	41.75%	6.404%
4	4.127	971	978	992	rBV	626806	502058	49.94%	7.661%
5	4.372	1051	1057	1065	rVB	286814	210299	20.92%	3.209%
6	4.792	1186	1192	1201	rBV	362162	248824	24.75%	3.797%
7	5.323	1357	1363	1379	rBV	458583	337598	33.58%	5.151%
8	6.324	1673	1685	1700	rBV	760526	637016	63.37%	9.720%
9	7.110	1927	1938	1947	rBV	482565	485963	48.34%	7.415%
10	8.251	2294	2305	2317	rVB	420682	488378	48.58%	7.452%
11	9.376	2656	2667	2675	rBV	285446	374085	37.21%	5.708%
12	9.414	2675	2679	2688	rVB2	23404	24834	2.47%	0.379%
13	11.567	3358	3372	3383	rVB	42098	60071	5.98%	0.917%
14	11.971	3494	3502	3513	rBV	40915	61320	6.10%	0.936%
15	12.413	3632	3644	3655	rBV	352777	457239	45.48%	6.977%
16	13.460	3969	3981	3994	rBV	129384	173585	17.27%	2.649%
17	13.811	4084	4094	4097	rBV5	7974	10591	1.05%	0.162%
18	14.299	4231	4251	4260	rBV	340854	557505	55.46%	8.507%
19	14.343	4260	4265	4274	rVB2	38530	53298	5.30%	0.813%
20	14.473	4303	4307	4314	rVB4	10084	10553	1.05%	0.161%
21	16.205	4857	4864	4873	rBV2	29551	50343	5.01%	0.768%
22	16.820	5052	5062	5071	rBV	216569	321712	32.00%	4.909%

Sum of corrected areas: 6553412

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

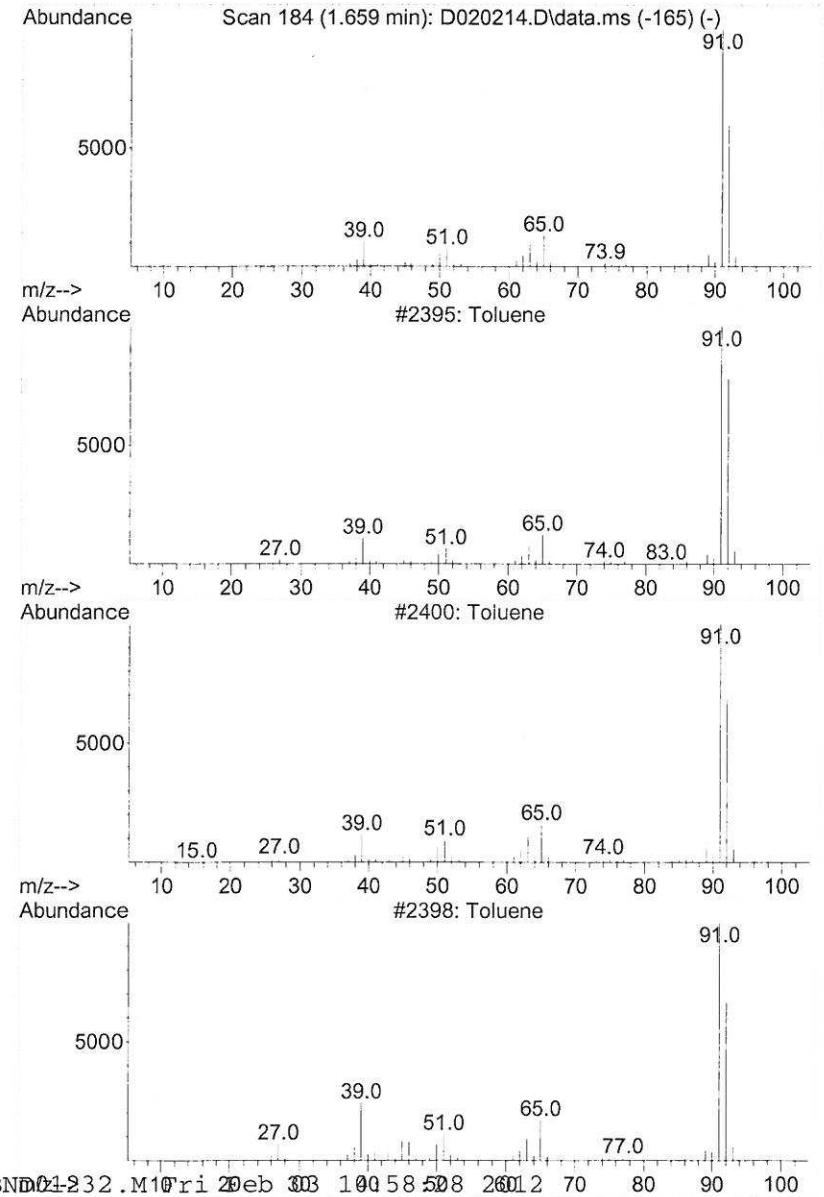
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

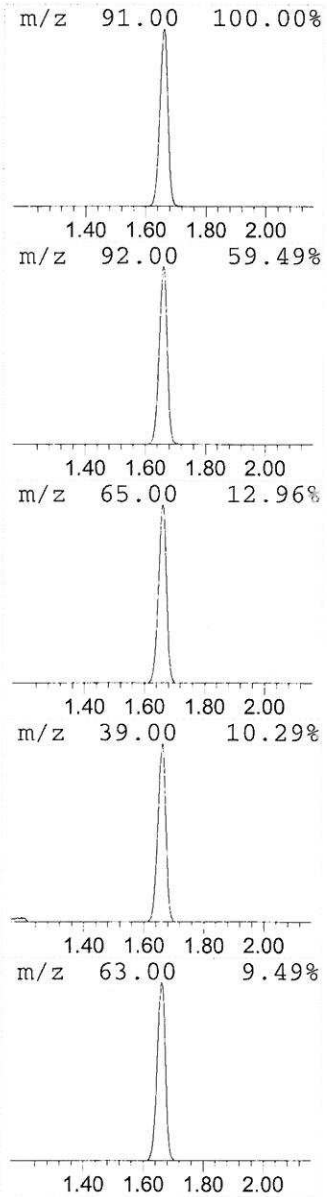
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.659	191.21 ug/ml	1005270	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020214.D
Acq On : 2 Feb 2012 3:28 pm
Operator : BGL
Sample : 12A0882-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

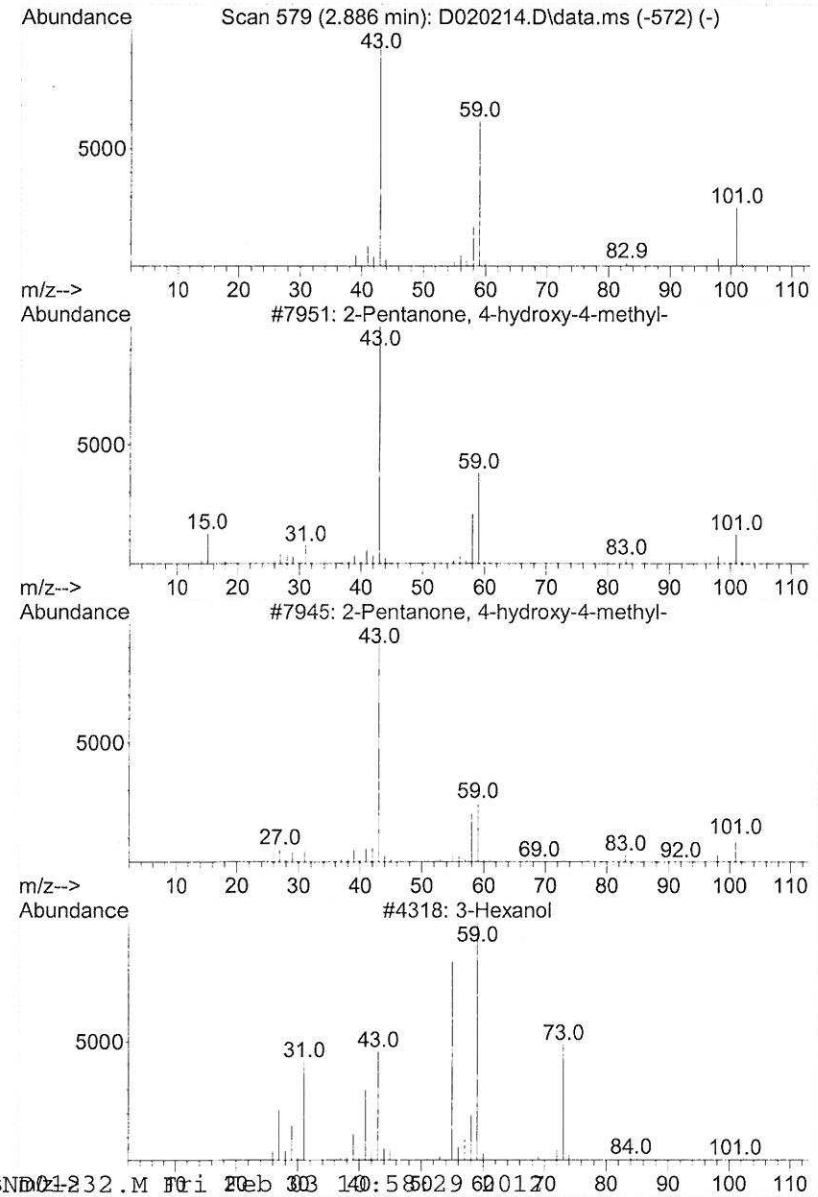
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

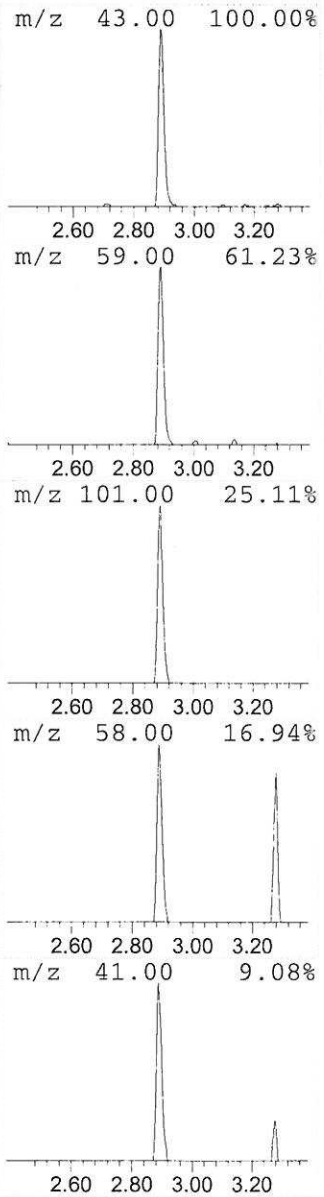
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.886	12.02 ug/ml	63198	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.086	0.18	
208-96-8	Acenaphthylene		0.086	0.18	
98-86-2	Acetophenone		0.13	0.37	
62-53-3	Aniline		0.12	0.37	
120-12-7	Anthracene		0.086	0.18	
92-87-5	Benzidine		0.086	0.37	L-04, V-20
56-55-3	Benzo(a)anthracene		0.086	0.18	
50-32-8	Benzo(a)pyrene		0.097	0.18	
205-99-2	Benzo(b)fluoranthene		0.097	0.18	
191-24-2	Benzo(g,h,i)perylene		0.075	0.18	
207-08-9	Benzo(k)fluoranthene		0.11	0.18	
65-85-0	Benzoic Acid		0.16	1.1	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.097	0.37	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.37	
101-55-3	4-Bromophenylphenylether		0.075	0.37	
85-68-7	Butylbenzylphthalate		0.12	0.71	
86-74-8	Carbazole		0.086	0.18	
106-47-8	4-Chloroaniline		0.097	0.71	
59-50-7	4-Chloro-3-methylphenol		0.11	0.71	
91-58-7	2-Chloronaphthalene		0.075	0.37	
95-57-8	2-Chlorophenol		0.097	0.37	
7005-72-3	4-Chlorophenylphenylether		0.13	0.37	
218-01-9	Chrysene		0.086	0.18	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.075	0.18	
132-64-9	Dibenzofuran		0.086	0.37	
84-74-2	Di-n-butylphthalate		0.086	0.37	
95-50-1	1,2-Dichlorobenzene		0.086	0.37	
541-73-1	1,3-Dichlorobenzene		0.086	0.37	
106-46-7	1,4-Dichlorobenzene		0.086	0.37	
91-94-1	3,3-Dichlorobenzidine		0.065	0.18	
120-83-2	2,4-Dichlorophenol		0.086	0.37	
84-66-2	Diethylphthalate		0.11	0.37	
105-67-9	2,4-Dimethylphenol		0.075	0.37	
131-11-3	Dimethylphthalate		0.11	0.71	
534-52-1	4,6-Dinitro-2-methylphenol		0.043	0.37	V-20
51-28-5	2,4-Dinitrophenol		0.043	0.71	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.37	
606-20-2	2,6-Dinitrotoluene		0.12	0.37	
117-84-0	Di-n-octylphthalate		0.14	0.71	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.086	0.37	
206-44-0	Fluoranthene		0.075	0.18	
86-73-7	Fluorene		0.097	0.18	
118-74-1	Hexachlorobenzene		0.086	0.37	
87-68-3	Hexachlorobutadiene		0.065	0.37	
77-47-4	Hexachlorocyclopentadiene		0.065	0.71	
67-72-1	Hexachloroethane		0.086	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene		0.075	0.18	
78-59-1	Isophorone		0.11	0.37	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	D020215.D
Sampled:	01/27/12 11:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 15:54
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.18	
91-57-6	2-Methylnaphthalene		0.11	0.18	
95-48-7	2-Methylphenol		0.14	0.37	
108-39-4/106-44	3/4-Methylphenol		0.17	0.37	
91-20-3	Naphthalene		0.075	0.18	
88-74-4	2-Nitroaniline		0.11	0.37	
99-09-2	3-Nitroaniline		0.11	0.37	
100-01-6	4-Nitroaniline		0.13	0.37	
98-95-3	Nitrobenzene		0.075	0.37	
88-75-5	2-Nitrophenol		0.054	0.37	
100-02-7	4-Nitrophenol		0.043	0.71	
62-75-9	N-Nitrosodimethylamine		0.065	0.37	
86-30-6	N-Nitrosodiphenylamine		0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.37	
82-68-8	Pentachloronitrobenzene		0.12	0.37	
87-86-5	Pentachlorophenol		0.065	0.37	V-20
85-01-8	Phenanthrene		0.086	0.18	
108-95-2	Phenol		0.097	0.37	
129-00-0	Pyrene		0.11	0.18	
110-86-1	Pyridine		0.086	0.37	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.075	0.37	
120-82-1	1,2,4-Trichlorobenzene		0.065	0.37	
95-95-4	2,4,5-Trichlorophenol		0.11	0.37	
88-06-2	2,4,6-Trichlorophenol		0.075	0.37	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

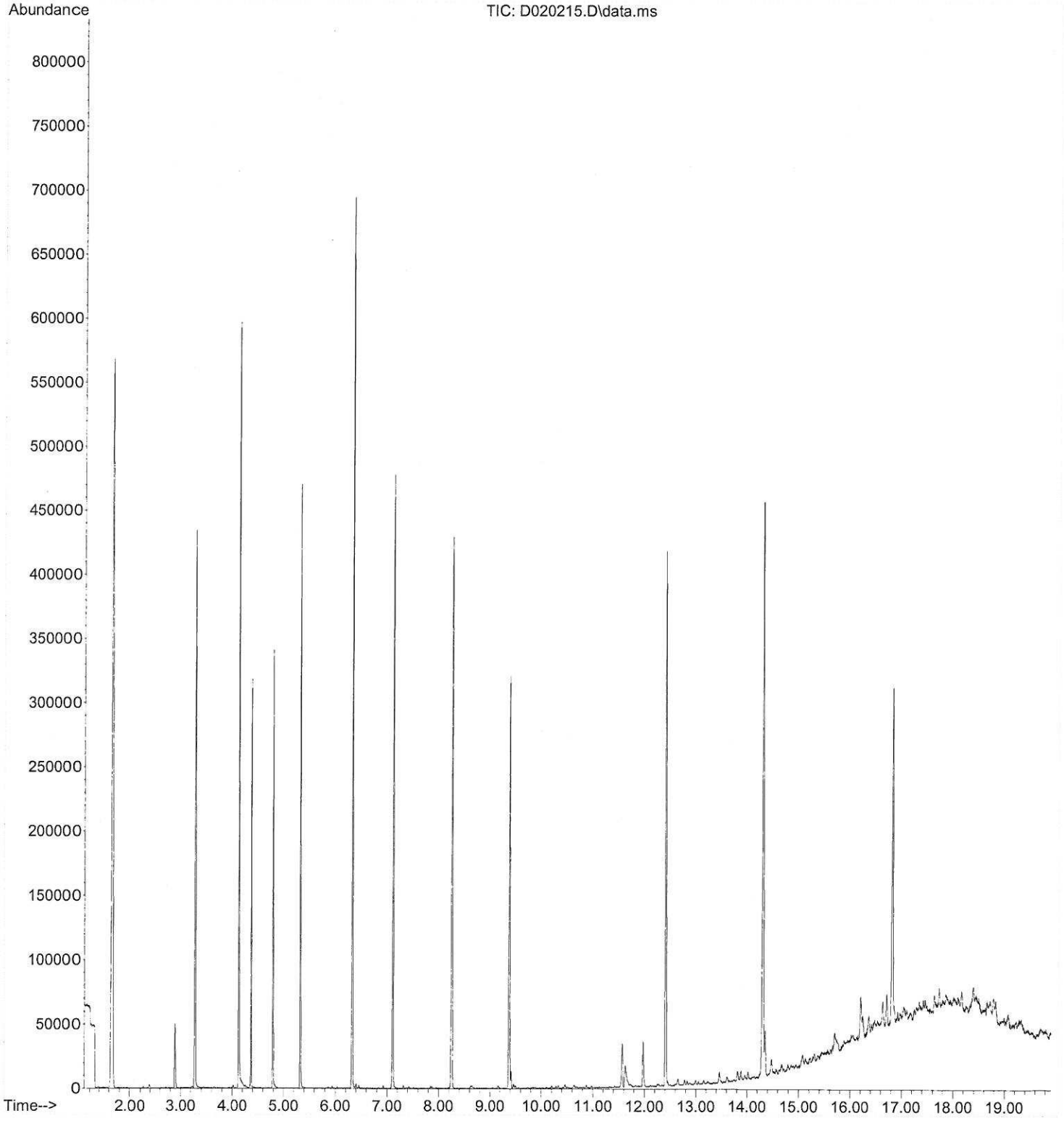
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	60955	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	169489	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	120649	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	170902	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.309	240	242459	40.00	ug/ml	-0.01
79) PERYLENE-D12	16.823	264	146361	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	122146	121.28	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 60.64%			
3) Phenol-d6	4.130	99	175904	137.74	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.87%			
20) Nitrobenzene-d5	4.792	82	85830	53.92	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 53.92%			
36) 2-Fluorobiphenyl	6.324	172	210346	62.92	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 62.92%			
37) 2,4,6-Tribromophenol	8.251	330	58987	97.45	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 48.73%			
71) Terphenyl-d14	12.416	244	190209	40.03	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 40.03%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	11795	16.60	ug/ml#	77
69) Flouranthene	11.567	202	22022	5.04	ug/ml	99
73) Pyrene	11.975	202	22191	2.83	ug/ml	96
76) Benzo(a)anthracene	14.349	228	18181	2.93	ug/ml	92
77) Chrysene	14.349	228	18181	3.03	ug/ml	96
81) Benzo(b)fluoranthene	16.208	252	20879	4.82	ug/ml	99
83) Benzo(a)pyrene	16.718	252	12857	3.34	ug/ml	96
84) Indeno(1,2,3-cd)pyrene	18.390	276	6864	2.30	ug/ml#	88

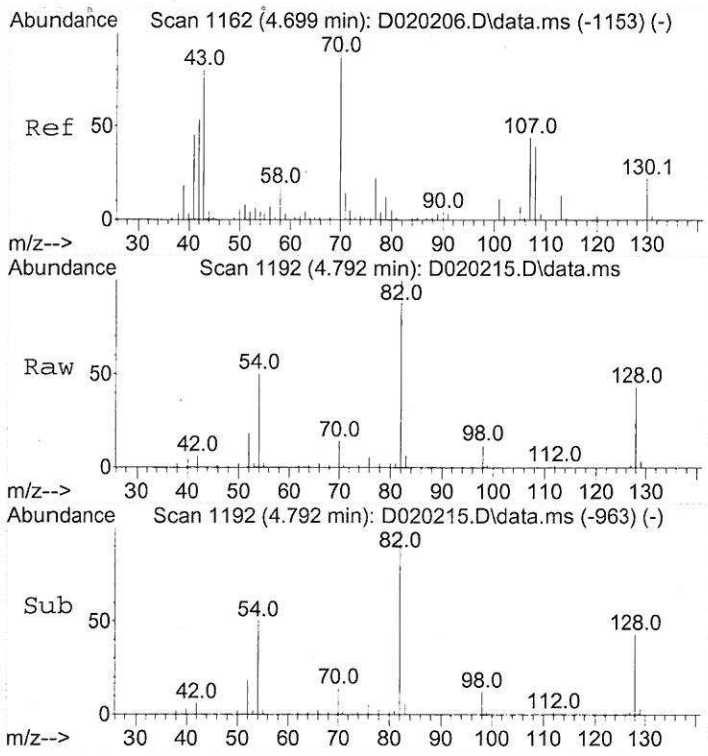
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

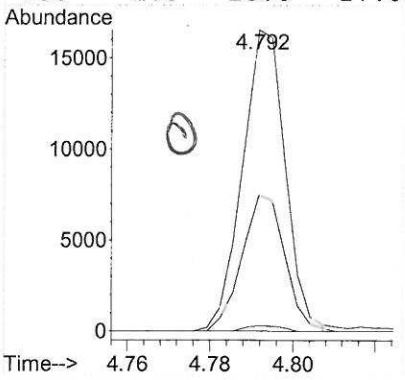


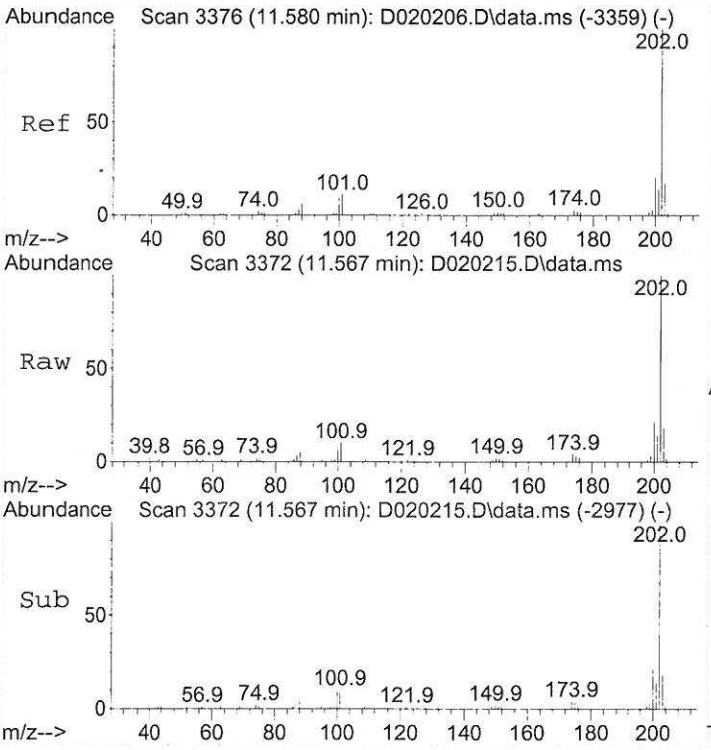


#17
N-Nitroso-Di-N-Propylamine
Concen: 16.60 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion: 70 Resp: 11795

Ion	Ratio	Lower	Upper
70	100		
42	45.4	44.4	66.6
101	0.0	8.2	12.4#
130	1.6	18.0	27.0#

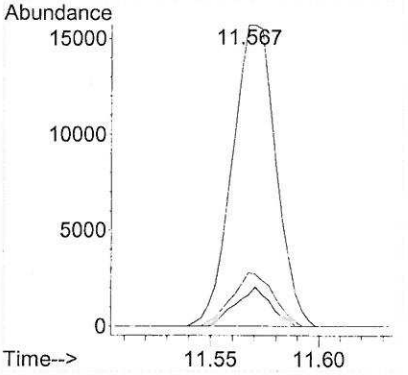


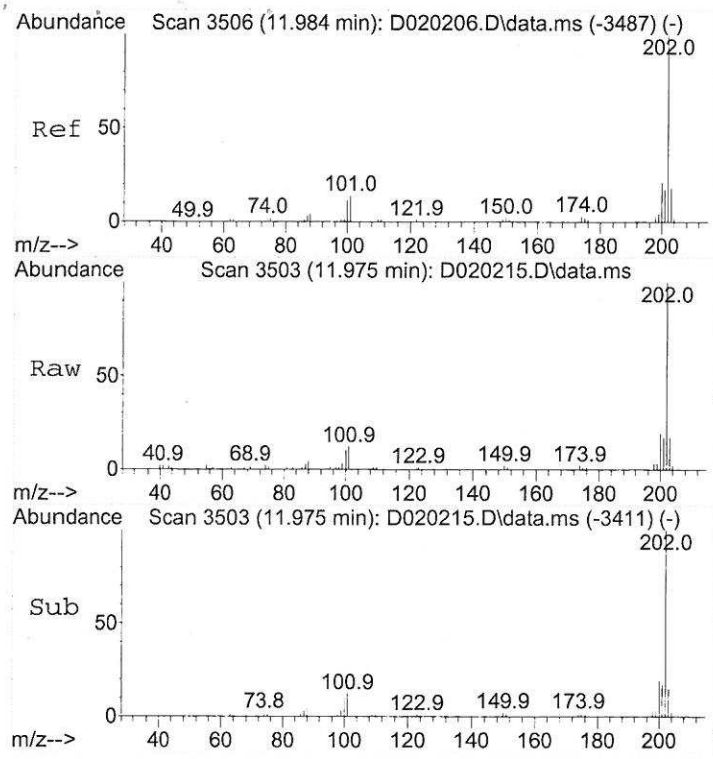


#69
Flouranthene
Concen: 5.04 ug/ml
RT: 11.567 min Scan# 3372
Delta R.T. -0.012 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:202 Resp: 22022

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.0	13.4
203	16.9	13.9	20.9

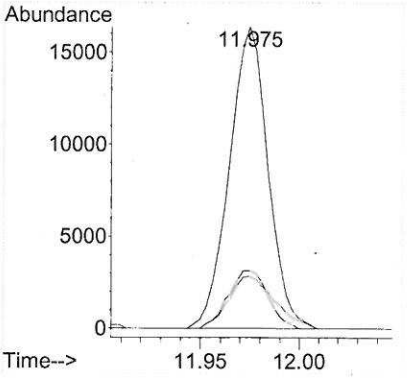


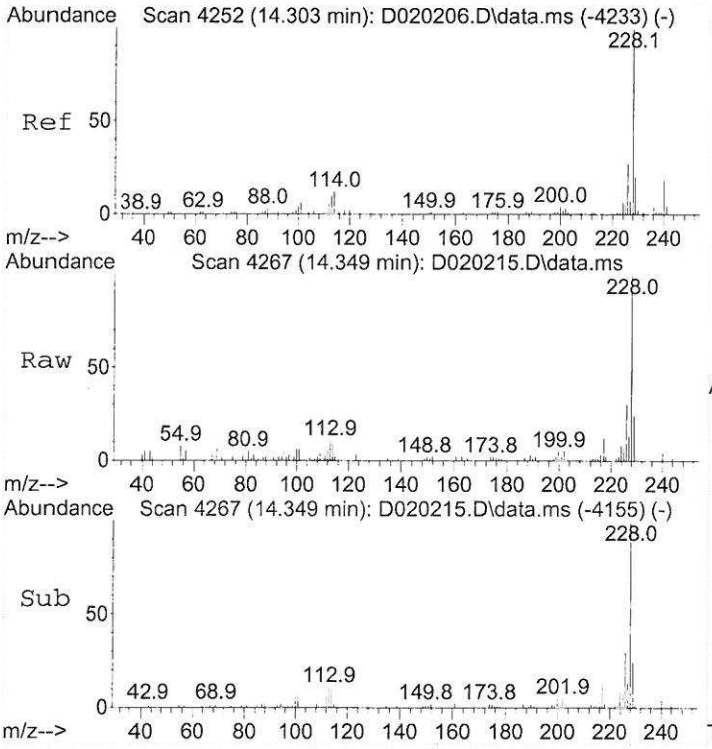


#73
Pyrene
Concen: 2.83 ug/ml
RT: 11.975 min Scan# 3503
Delta R.T. -0.009 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:202 Resp: 22191

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.3	24.5
203	20.6	14.3	21.5

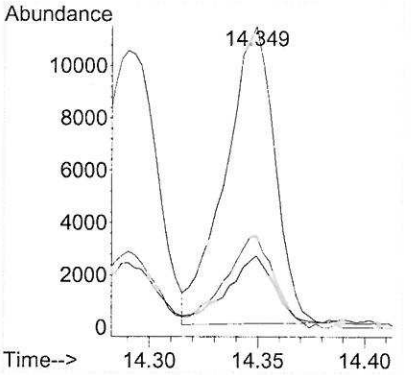


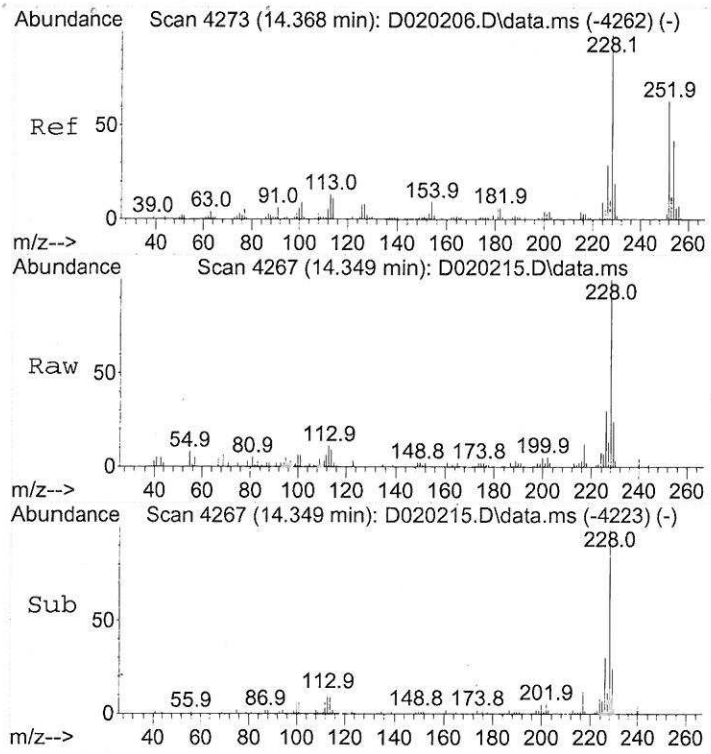


#76
Benzo(a)anthracene
Concen: 2.93 ug/ml
RT: 14.349 min Scan# 4267
Delta R.T. 0.047 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:228 Resp: 18181

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	31.0	20.8	31.2

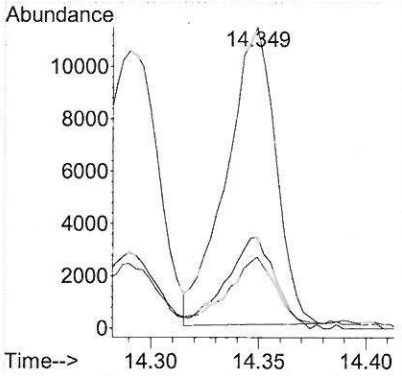


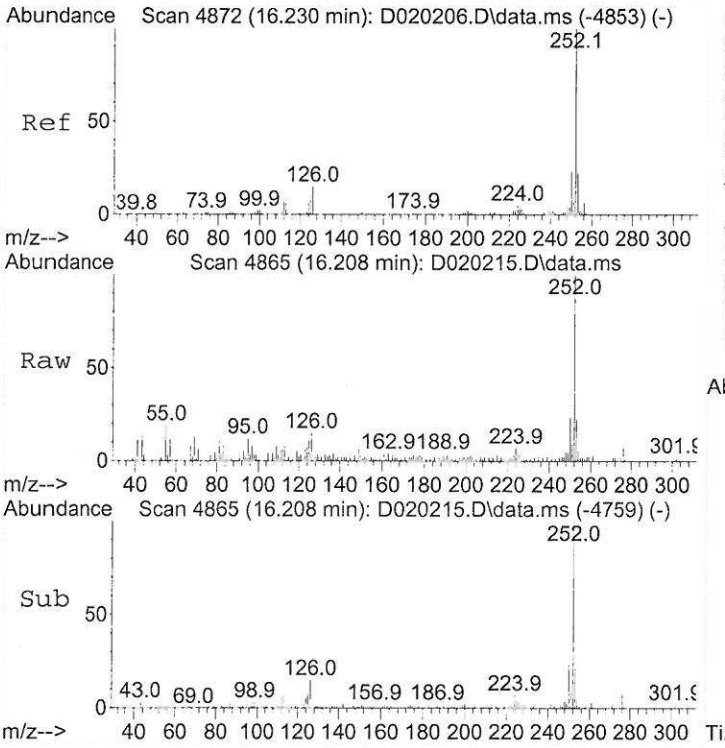


#77
Chrysene
Concen: 3.03 ug/ml
RT: 14.349 min Scan# 4267
Delta R.T. -0.019 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:228 Resp: 18181

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.6	35.4
229	21.8	15.6	23.4

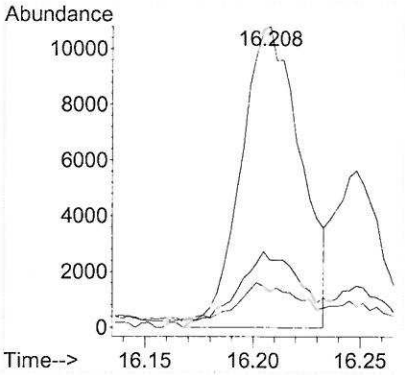


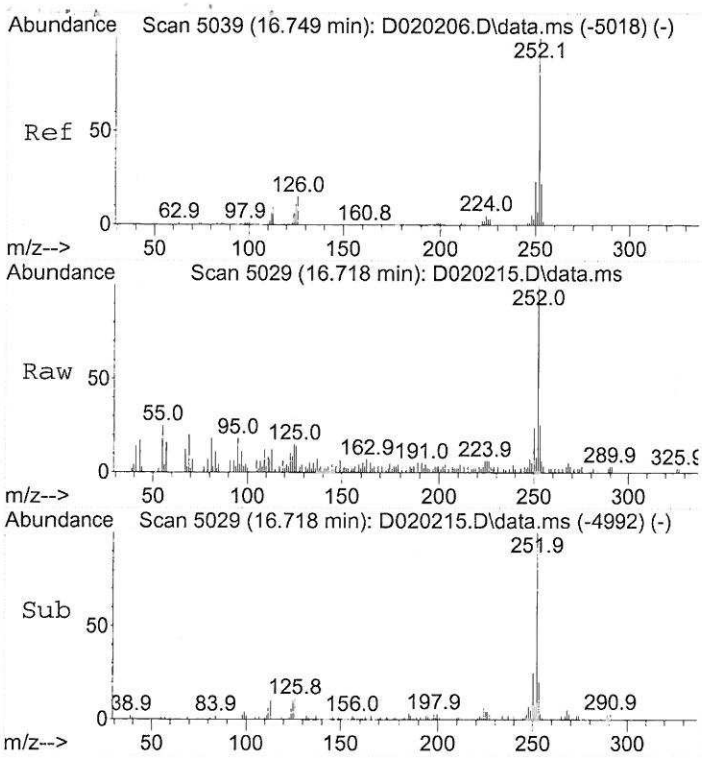


#81
Benzo(b)fluoranthene
Concen: 4.82 ug/ml
RT: 16.208 min Scan# 4865
Delta R.T. -0.022 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:252 Resp: 20879

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	12.9	9.8	14.6

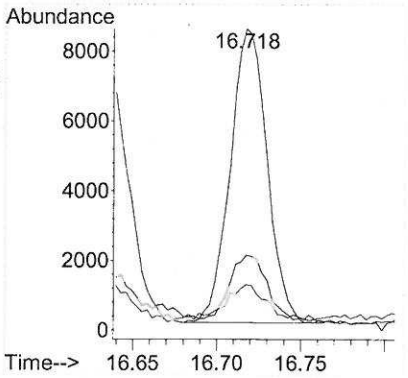


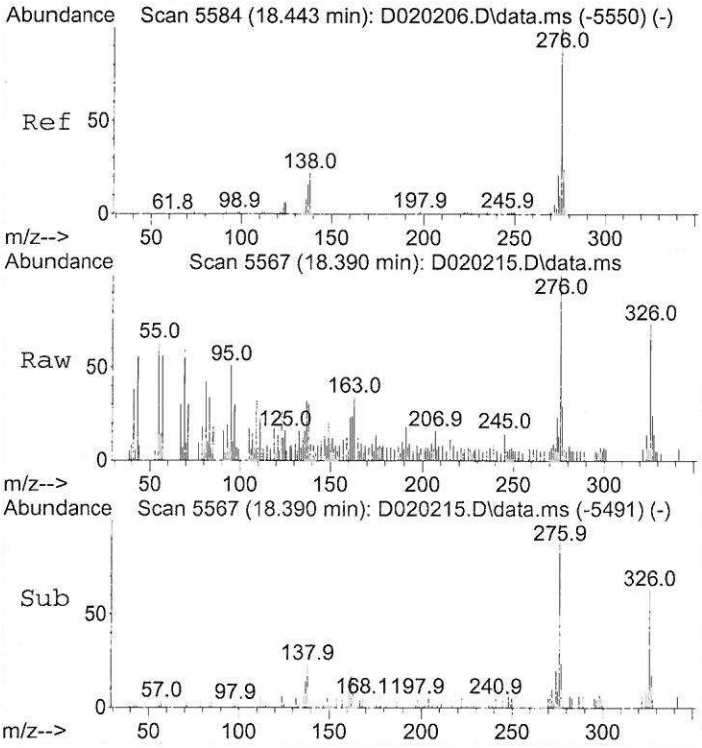


#83
Benzo(a)pyrene
Concen: 3.34 ug/ml
RT: 16.718 min Scan# 5029
Delta R.T. -0.031 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:252 Resp: 12857

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	12.2	9.0	13.6

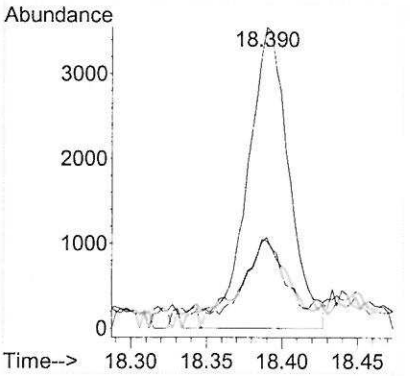




#84
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ug/ml
RT: 18.390 min Scan# 5567
Delta R.T. -0.053 min
Lab File: D020215.D
Acq: 2 Feb 2012 3:54 pm

Tgt Ion:276 Resp: 6864

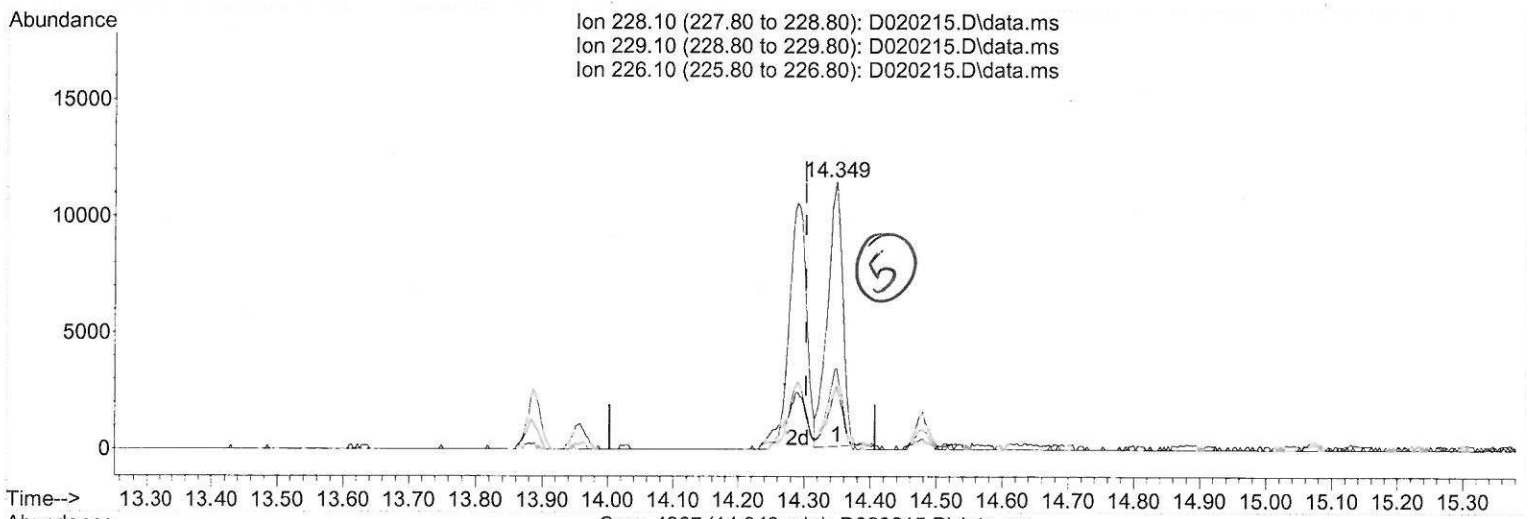
Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.6	27.8
277	32.8	19.2	28.8#

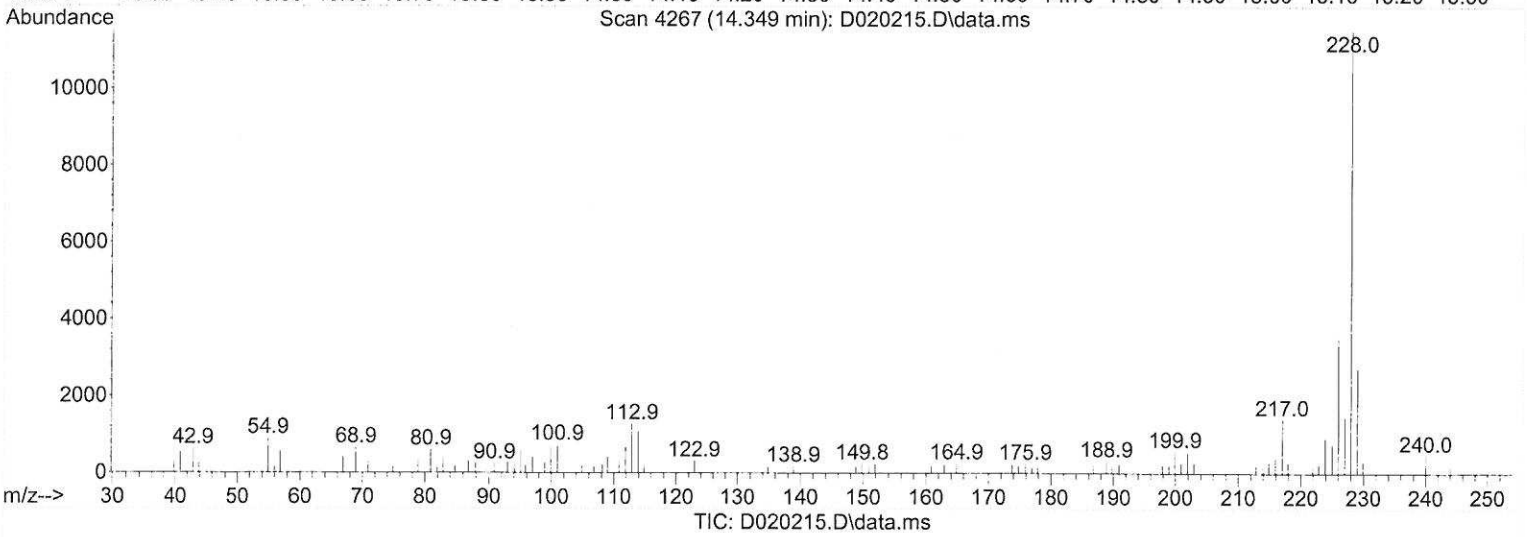


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(76) Benzo(a)anthracene

14.349min (+0.047) 2.93 ug/ml

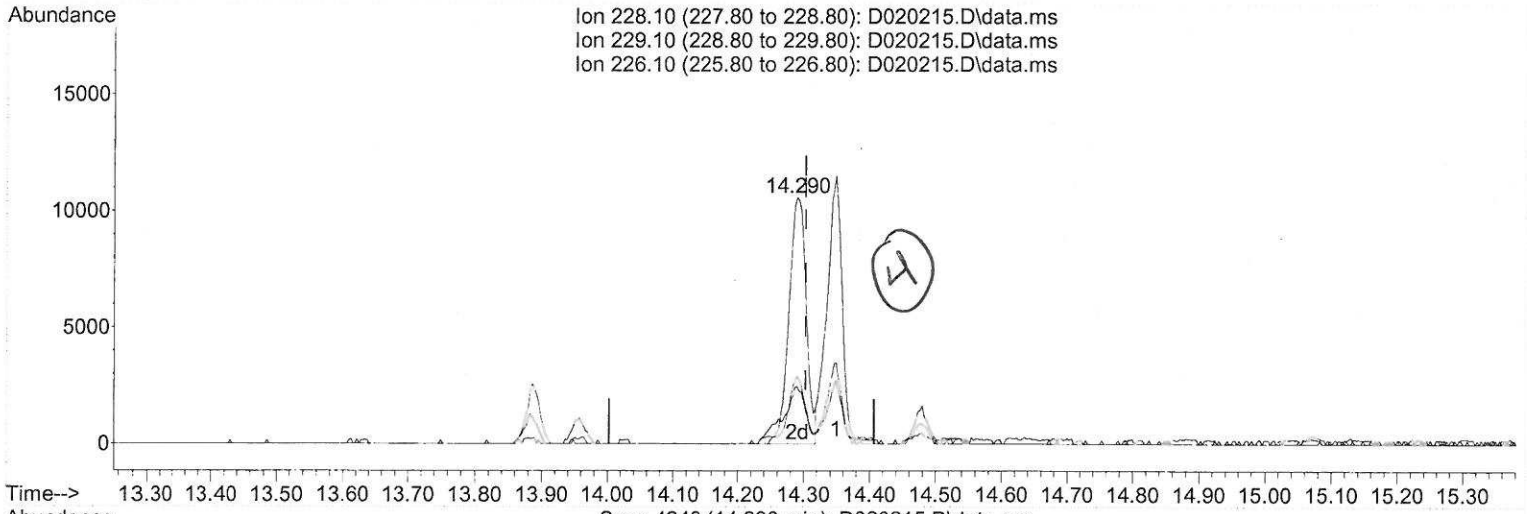
response 18181

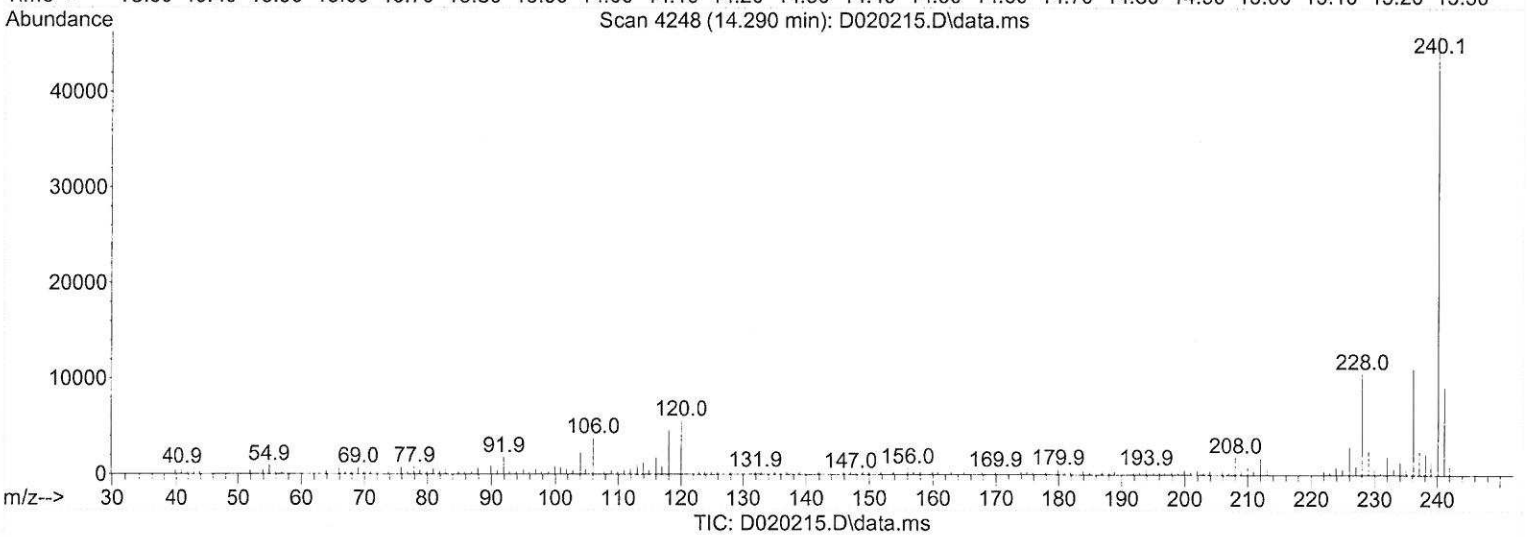
Ion	Exp%	Act%
228.10	100	100
229.10	19.70	21.78
226.10	26.00	31.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(76) Benzo(a)anthracene

14.290min (-0.012) 3.13 ug/ml m

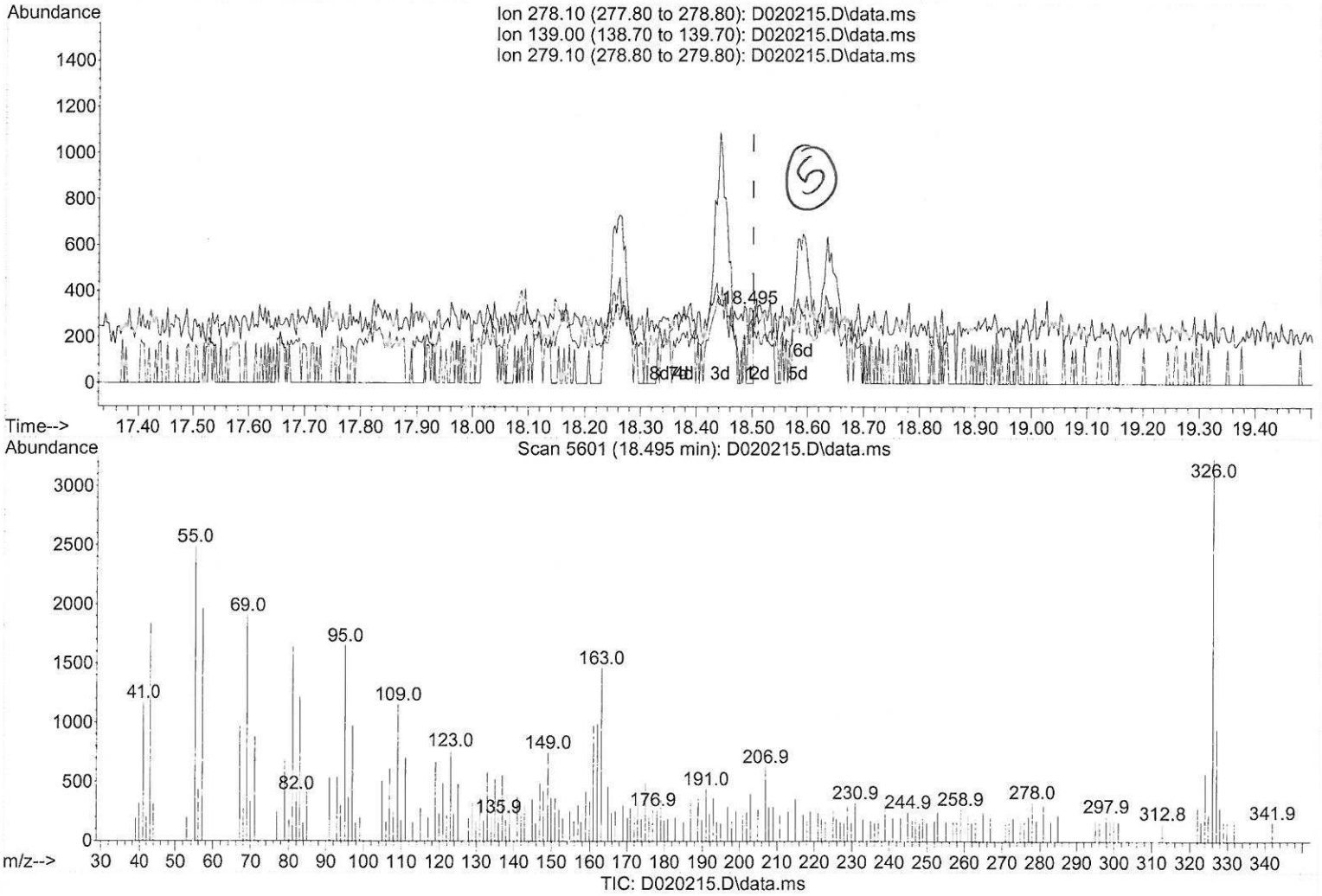
response 19437

Ion	Exp%	Act%
228.10	100	100
229.10	19.70	20.37
226.10	26.00	29.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration



(85) Dibenz(a,h)anthracene

18.495min (-0.006) 0.07 ug/ml

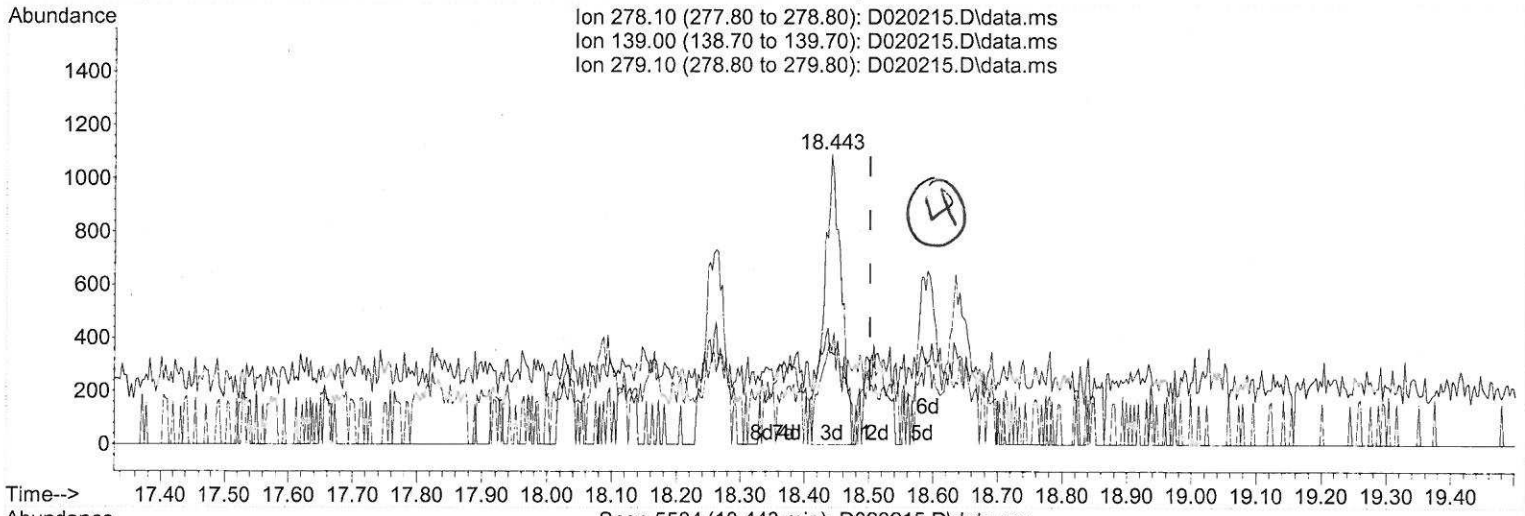
response 214

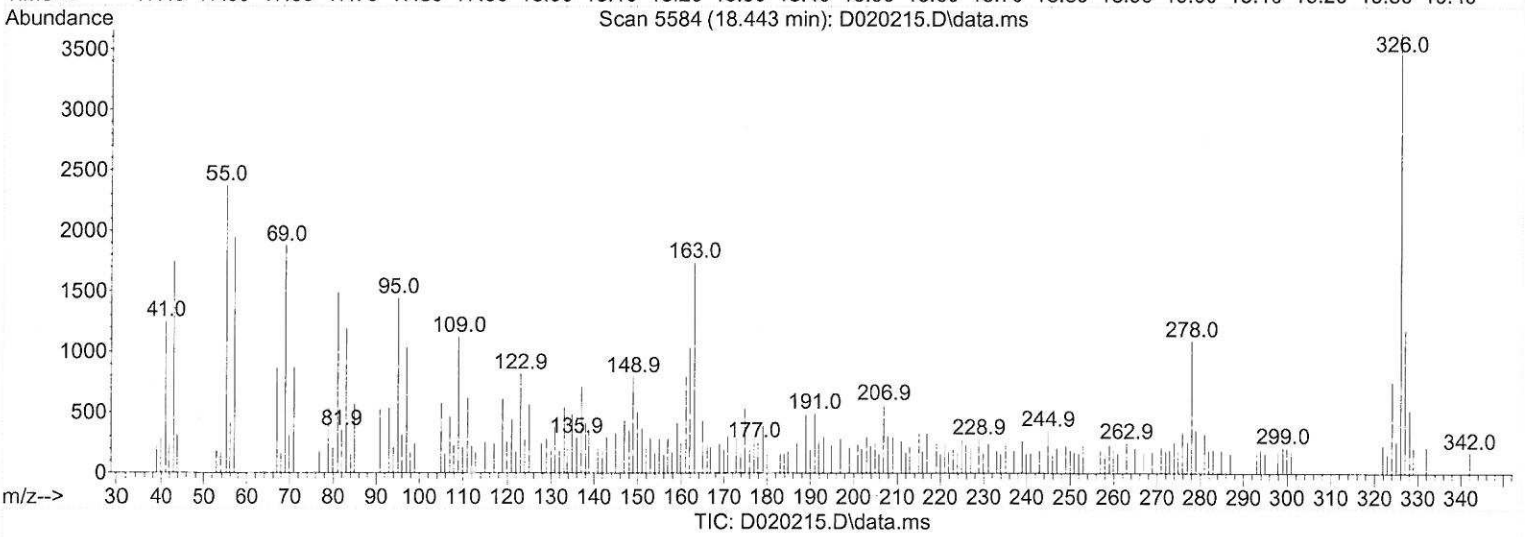
Ion	Exp%	Act%
278.10	100	100
139.00	18.60	42.52#
279.10	23.90	209.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020215.D\data.ms

(85) Dibenz(a,h)anthracene

18.443min (-0.059) 0.66 ug/ml m

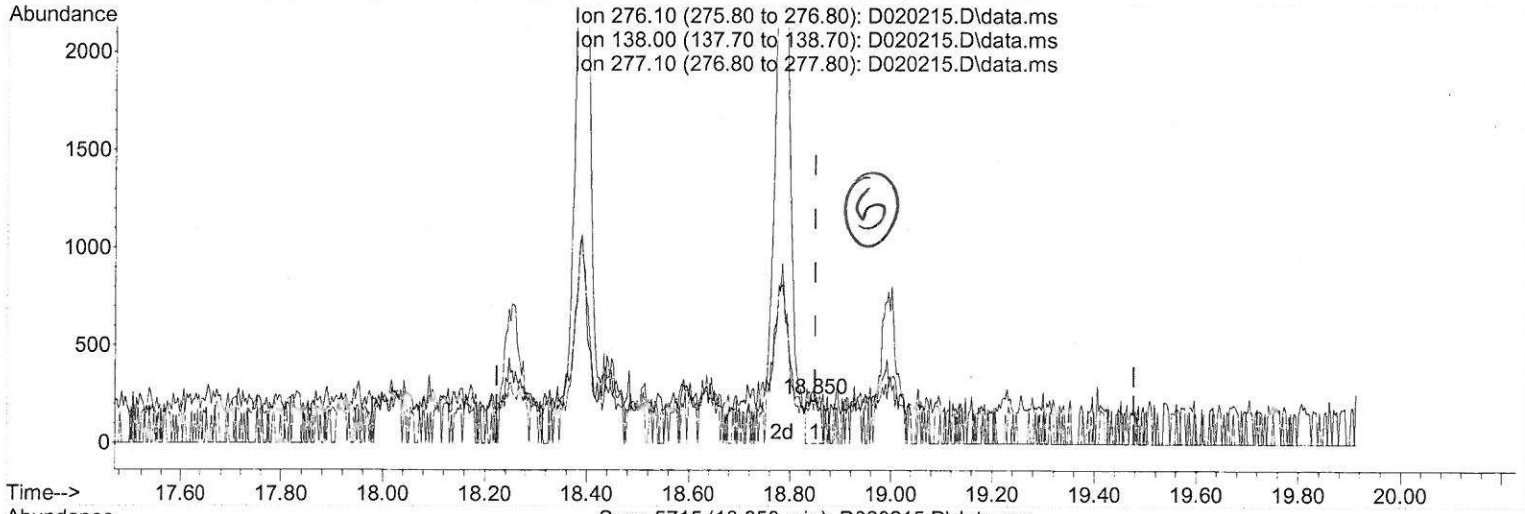
response 1995

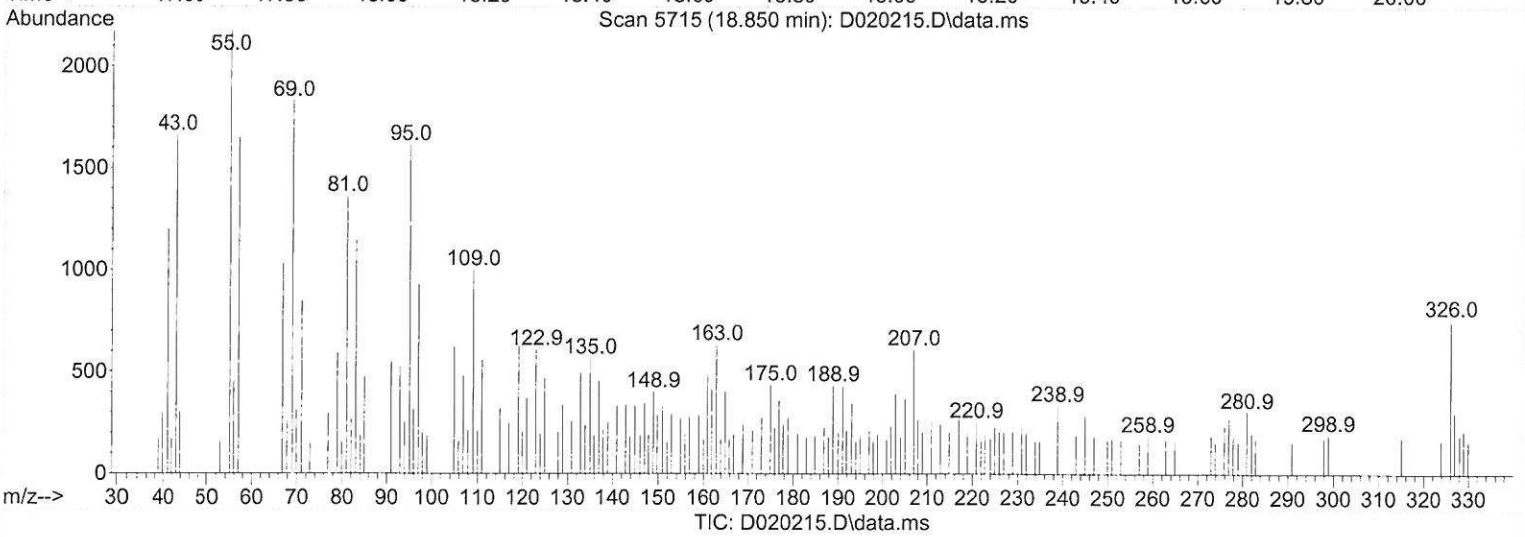
Ion	Exp%	Act%
278.10	100	100
139.00	18.60	4.56#
279.10	23.90	22.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020215.D\data.ms

(86) Benzo(g,h,i)perylene

18.850min (-0.000) 0.12 ug/ml

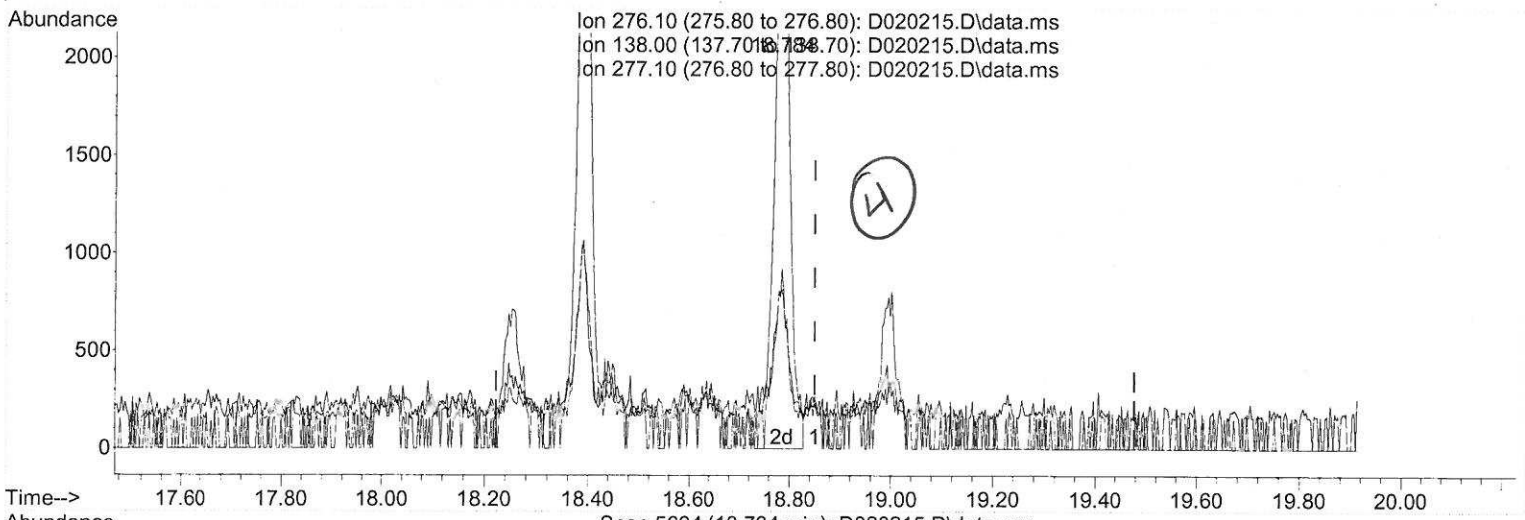
response 373

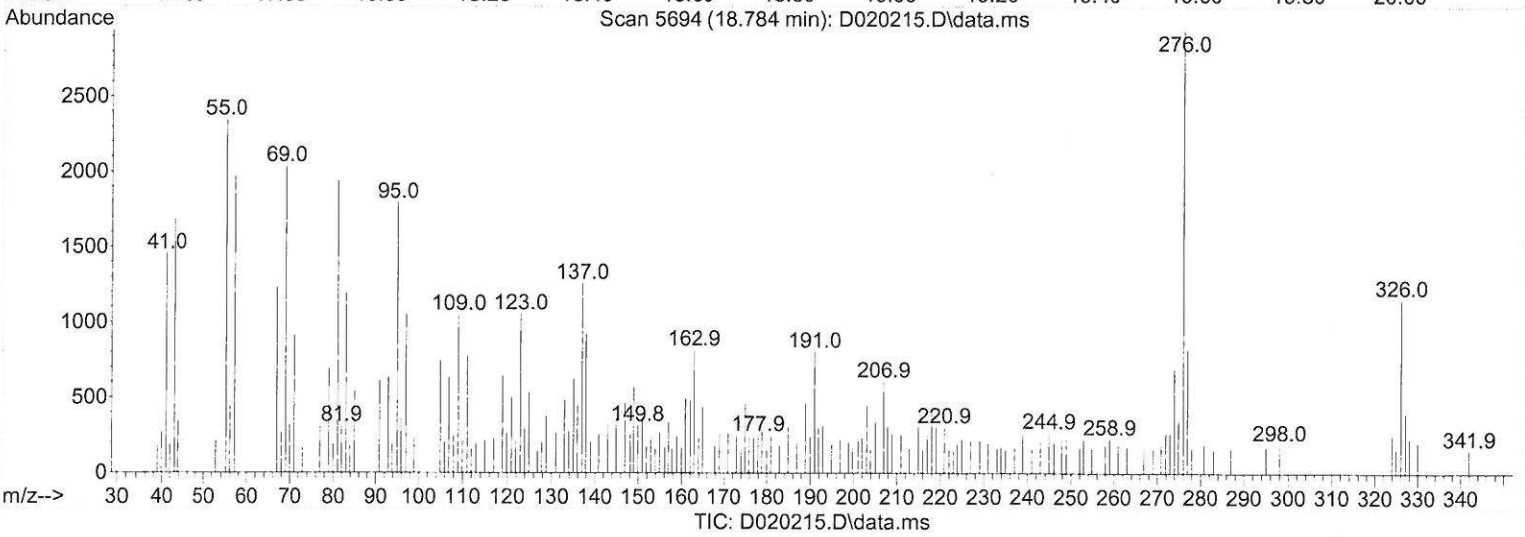
Ion	Exp%	Act%
276.10	100	100
138.00	24.80	100.80#
277.10	23.50	53.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03 Inst : GCMSSV4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 03 09:15:57 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(86) Benzo(g,h,i)perylene

18.784min (-0.065) 1.93 ug/ml m

response 6186

Ion	Exp%	Act%
276.10	100	100
138.00	24.80	6.08#
277.10	23.50	3.25#
0.00	0.00	0.00

Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.662	188.8	ug/ml	1078510	1	4.372	228495	40.0
2-Pentanone, 4-...	2.890	10.5	ug/ml	60059	1	4.372	228495	40.0
Cyclopentane, 1...	11.626	4.8	ug/ml	48055	4	9.379	401534	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020215.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.662	166	185	203	rBV	568511	1078511	100.00%	16.062%
2	2.890	573	580	593	rBV	49948	60059	5.57%	0.894%
3	3.278	697	705	724	rBV	434253	418698	38.82%	6.236%
4	4.130	970	979	993	rBV	596728	488815	45.32%	7.280%
5	4.372	1051	1057	1065	rVB	317888	228495	21.19%	3.403%
6	4.792	1186	1192	1207	rBV	340717	248370	23.03%	3.699%
7	5.326	1357	1364	1379	rBV	470045	345322	32.02%	5.143%
8	6.324	1673	1685	1705	rBV	694240	600380	55.67%	8.941%
9	7.110	1926	1938	1948	rBV	477817	472934	43.85%	7.043%
10	8.251	2293	2305	2323	rVB	429346	499578	46.32%	7.440%
11	9.379	2653	2668	2675	rBV	320979	401534	37.23%	5.980%
12	9.417	2675	2680	2689	rVB	13338	14612	1.35%	0.218%
13	11.571	3359	3373	3382	rVB	34178	50117	4.65%	0.746%
14	11.626	3382	3391	3415	rBV5	17305	48055	4.46%	0.716%
15	11.975	3494	3503	3519	rBV	35365	51626	4.79%	0.769%
16	12.416	3631	3645	3654	rBV2	416838	566177	52.50%	8.432%
17	13.463	3971	3982	3989	rBV2	8513	12761	1.18%	0.190%
18	13.818	4089	4096	4105	rBV5	6725	10902	1.01%	0.162%
19	14.306	4238	4253	4262	rBV	445606	679462	63.00%	10.119%
20	14.349	4262	4267	4277	rVB2	34364	46793	4.34%	0.697%
21	14.477	4302	4308	4317	rVB5	10678	16113	1.49%	0.240%
22	16.823	5052	5063	5072	rBV	254296	375262	34.79%	5.589%

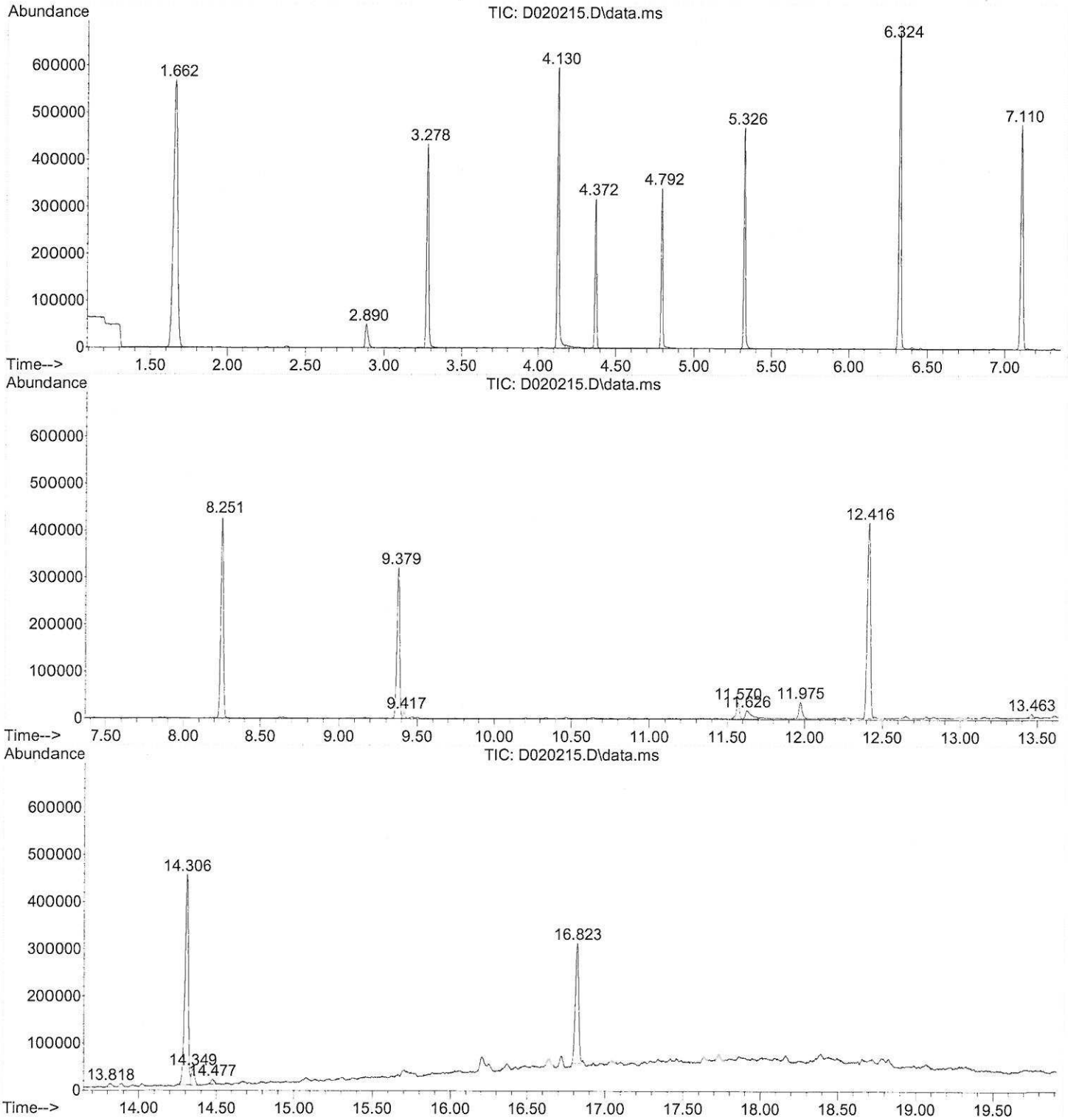
Sum of corrected areas: 6714576

LSC Report - Integrated Chromatogram

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

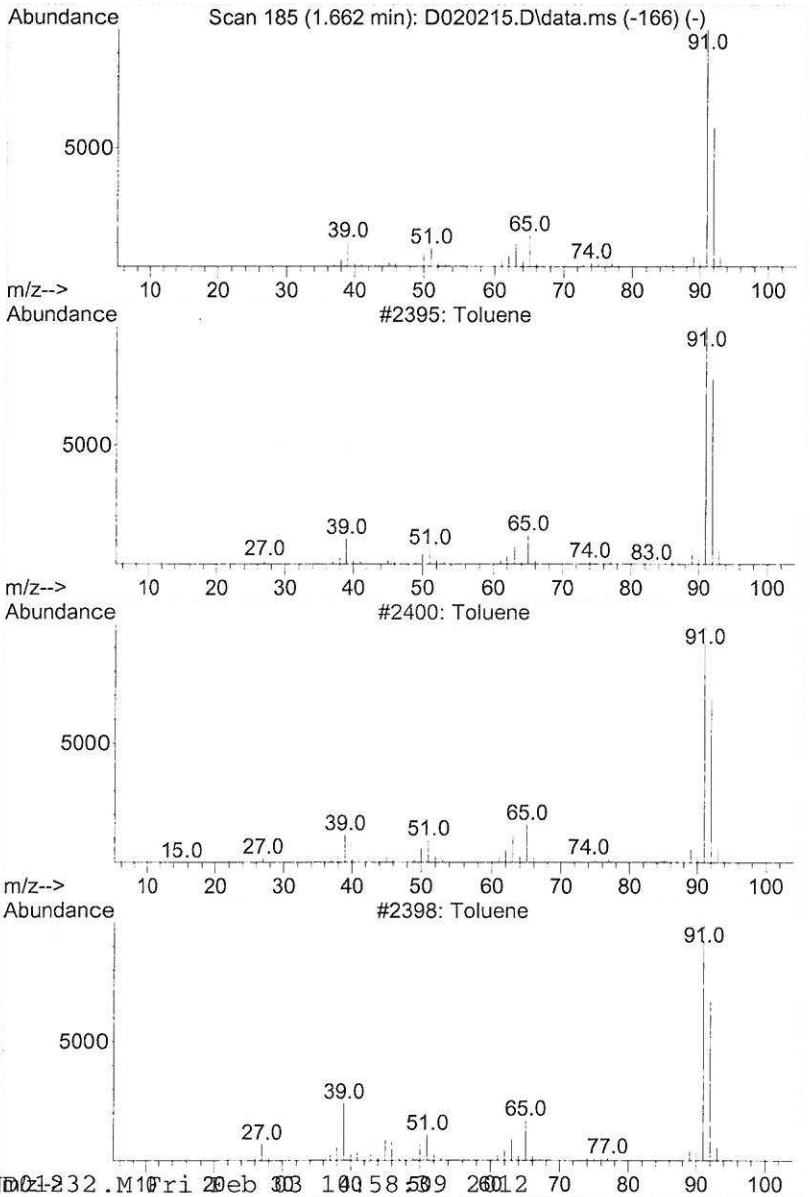
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

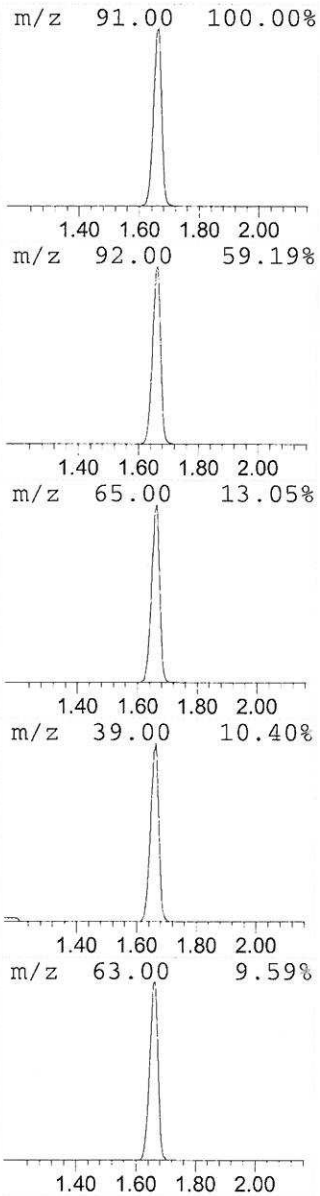
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.662	188.80 ug/ml	1078510	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

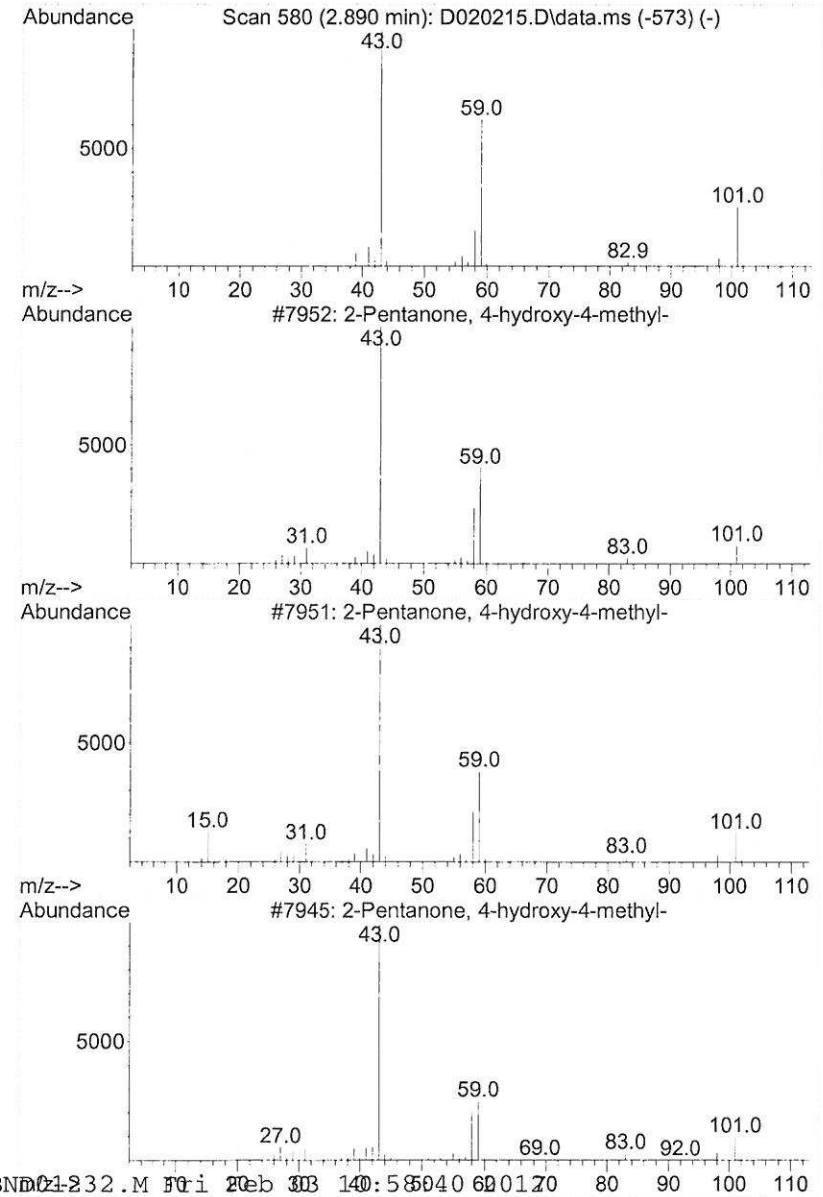
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

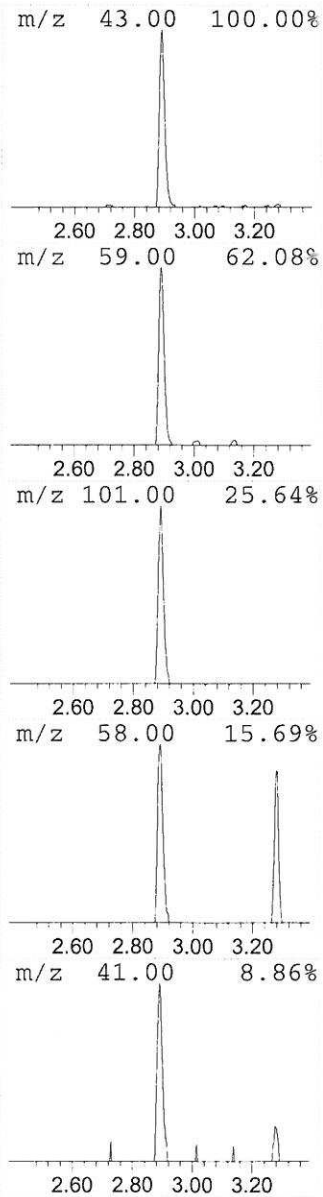
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.890	10.51 ug/ml	60059	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020215.D
Acq On : 2 Feb 2012 3:54 pm
Operator : BGL
Sample : 12A0882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

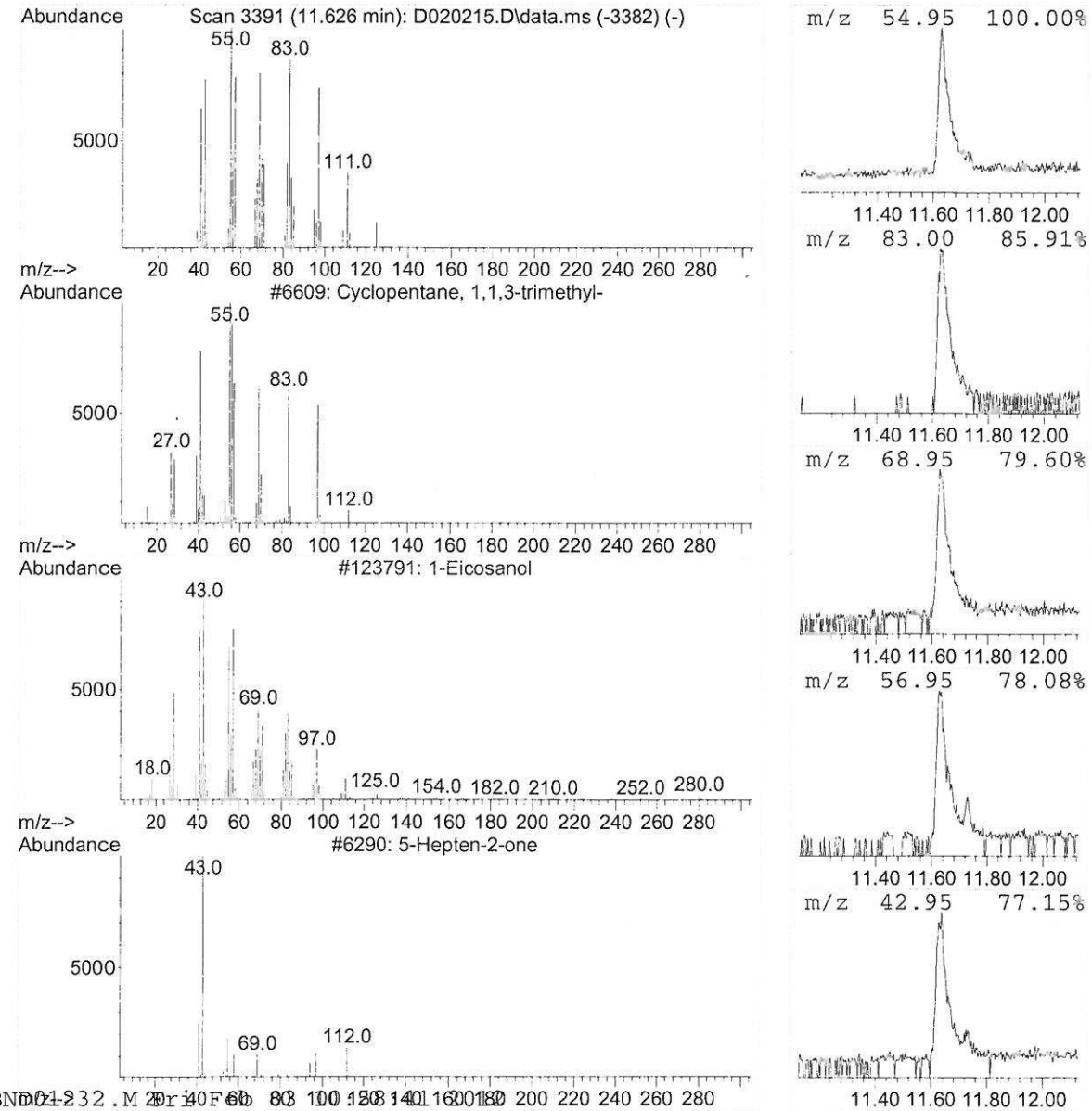
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

****

Peak Number 3 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.626	4.79 ug/ml	48055	PHENANTHRENE-D10	9.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	49
2	1-Eicosanol	298	C20H42O	000629-96-9	35
3	5-Hepten-2-one	112	C7H12O	006714-00-7	30
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	27
5	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	27



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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene		0.087	0.19	
208-96-8	Acenaphthylene		0.087	0.19	
98-86-2	Acetophenone		0.13	0.37	
62-53-3	Aniline		0.12	0.37	MS-09
120-12-7	Anthracene		0.087	0.19	
92-87-5	Benzidine		0.087	0.37	.-04, MS-09, V-2
56-55-3	Benzo(a)anthracene		0.087	0.19	
50-32-8	Benzo(a)pyrene		0.098	0.19	
205-99-2	Benzo(b)fluoranthene		0.098	0.19	
191-24-2	Benzo(g,h,i)perylene		0.076	0.19	
207-08-9	Benzo(k)fluoranthene		0.11	0.19	
65-85-0	Benzoic Acid		0.16	1.1	.-04, MS-09, V-2
111-91-1	Bis(2-chloroethoxy)methane		0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether		0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether		0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.11	0.37	
101-55-3	4-Bromophenylphenylether		0.076	0.37	
85-68-7	Butylbenzylphthalate		0.12	0.72	
86-74-8	Carbazole		0.087	0.19	
106-47-8	4-Chloroaniline		0.098	0.72	
59-50-7	4-Chloro-3-methylphenol		0.11	0.72	
91-58-7	2-Chloronaphthalene		0.076	0.37	
95-57-8	2-Chlorophenol		0.098	0.37	
7005-72-3	4-Chlorophenylphenylether		0.13	0.37	
218-01-9	Chrysene		0.087	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012	Instrument:	GCMSSV4

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.076	0.19	
132-64-9	Dibenzofuran		0.087	0.37	
84-74-2	Di-n-butylphthalate		0.087	0.37	
95-50-1	1,2-Dichlorobenzene		0.087	0.37	
541-73-1	1,3-Dichlorobenzene		0.087	0.37	
106-46-7	1,4-Dichlorobenzene		0.087	0.37	
91-94-1	3,3-Dichlorobenzidine		0.065	0.19	R-06
120-83-2	2,4-Dichlorophenol		0.087	0.37	
84-66-2	Diethylphthalate		0.11	0.37	
105-67-9	2,4-Dimethylphenol		0.076	0.37	
131-11-3	Dimethylphthalate		0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol		0.044	0.37	V-20
51-28-5	2,4-Dinitrophenol		0.044	0.72	V-20
121-14-2	2,4-Dinitrotoluene		0.12	0.37	
606-20-2	2,6-Dinitrotoluene		0.12	0.37	
117-84-0	Di-n-octylphthalate		0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.087	0.37	
206-44-0	Fluoranthene		0.076	0.19	
86-73-7	Fluorene		0.098	0.19	
118-74-1	Hexachlorobenzene		0.087	0.37	
87-68-3	Hexachlorobutadiene		0.065	0.37	
77-47-4	Hexachlorocyclopentadiene		0.065	0.72	R-06
67-72-1	Hexachloroethane		0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene		0.076	0.19	
78-59-1	Isophorone		0.11	0.37	

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	D020216.D
Sampled:	01/27/12 12:00	Prepared:	01/31/12 16:28	Analyzed:	02/02/12 16:20
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Initial/Final:	30.1 g / 1 mL				
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
90-12-0	1-Methylnaphthalene		0.11	0.19	
91-57-6	2-Methylnaphthalene		0.11	0.19	
95-48-7	2-Methylphenol		0.14	0.37	
108-39-4/106-44	3/4-Methylphenol		0.17	0.37	
91-20-3	Naphthalene		0.076	0.19	
88-74-4	2-Nitroaniline		0.11	0.37	
99-09-2	3-Nitroaniline		0.11	0.37	
100-01-6	4-Nitroaniline		0.13	0.37	
98-95-3	Nitrobenzene		0.076	0.37	
88-75-5	2-Nitrophenol		0.054	0.37	
100-02-7	4-Nitrophenol		0.044	0.72	
62-75-9	N-Nitrosodimethylamine		0.065	0.37	
86-30-6	N-Nitrosodiphenylamine		0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine		0.14	0.37	
82-68-8	Pentachloronitrobenzene		0.12	0.37	
87-86-5	Pentachlorophenol		0.065	0.37	V-20
85-01-8	Phenanthrene		0.087	0.19	
108-95-2	Phenol		0.098	0.37	
129-00-0	Pyrene		0.11	0.19	
110-86-1	Pyridine		0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene		0.076	0.37	
120-82-1	1,2,4-Trichlorobenzene		0.065	0.37	
95-95-4	2,4,5-Trichlorophenol		0.11	0.37	
88-06-2	2,4,6-Trichlorophenol		0.076	0.37	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04 Inst : GCMSSV4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 03 09:16:09 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

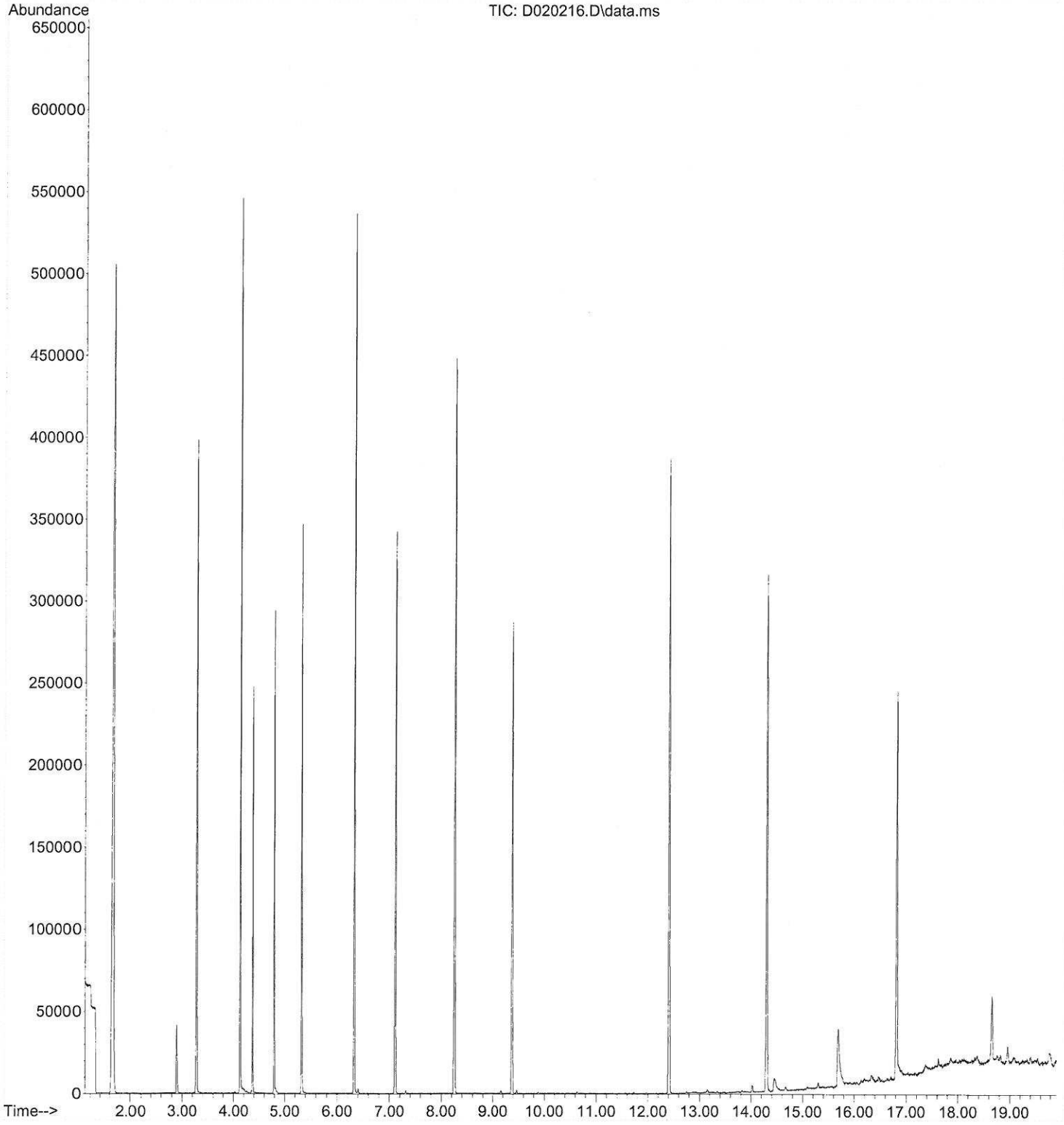
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	47325	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	123278	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	86005	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	149271	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.299	240	183169	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.814	264	129517	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.278	112	107268	137.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.59%			
3) Phenol-d6	4.127	99	144249	145.48	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 72.74%			
20) Nitrobenzene-d5	4.792	82	71174	61.48	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 61.48%			
36) 2-Fluorobiphenyl	6.324	172	163384	68.56	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 68.56%			
37) 2,4,6-Tribromophenol	8.254	330	60325	139.81	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 69.91%			
71) Terphenyl-d14	12.413	244	179362	49.97	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 49.97%			
Target Compounds						Qvalue
17) N-Nitroso-Di-N-Propyla...	4.792	70	9932	18.01	ug/ml#	76

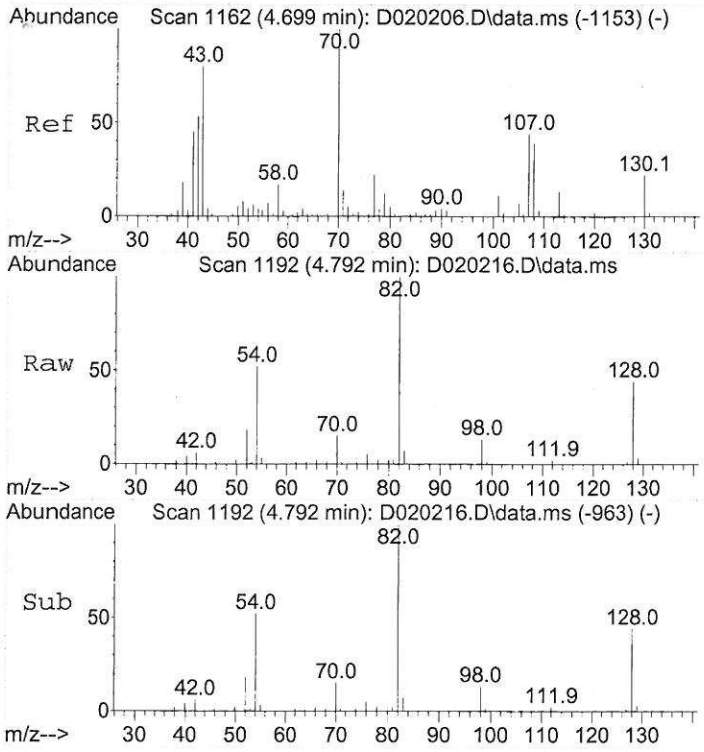
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04 Inst : GCMSSV4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 03 09:16:09 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

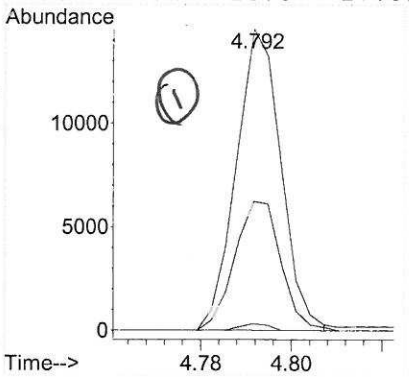




#17
N-Nitroso-Di-N-Propylamine
Concen: 18.01 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020216.D
Acq: 2 Feb 2012 4:20 pm

Tgt Ion: 70 Resp: 9932

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.4	66.6
101	0.0	8.2	12.4#
130	1.4	18.0	27.0#



Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.656	223.0	ug/ml	983881	1	4.372	176447	40.0
2-Pentanone, 4-...	2.889	11.2	ug/ml	49620	1	4.372	176447	40.0
1-Heneicosyl fo...	15.686	11.2	ug/ml	95554	6	16.814	341368	40.0
Naphthalene, 1,...	18.651	7.5	ug/ml	64174	6	16.814	341368	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020216.D\data.ms

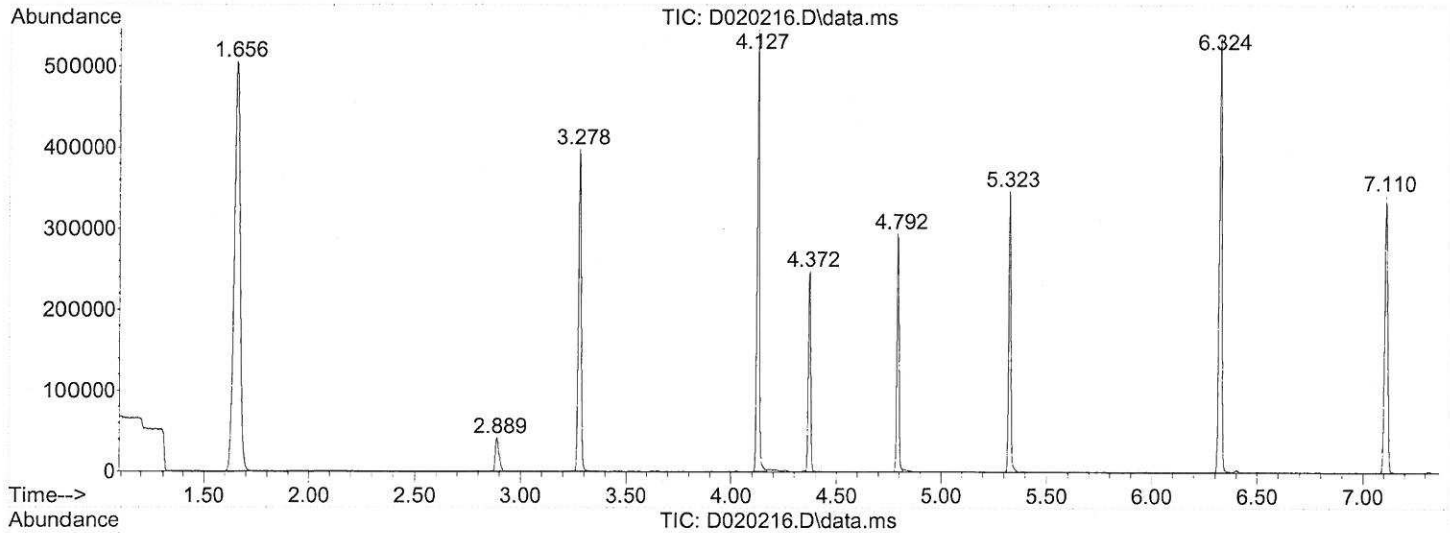
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.656	165	183	208	rVB	505329	983881	100.00%	17.680%
2	2.889	574	580	593	rVB	41300	49620	5.04%	0.892%
3	3.278	698	705	718	rBV	397872	365879	37.19%	6.575%
4	4.127	971	978	992	rBV	545178	397495	40.40%	7.143%
5	4.372	1051	1057	1065	rVB	246955	176447	17.93%	3.171%
6	4.792	1187	1192	1200	rBV	294103	203212	20.65%	3.652%
7	5.323	1357	1363	1380	rBV	346761	249024	25.31%	4.475%
8	6.324	1677	1685	1703	rBV	536424	463459	47.11%	8.328%
9	7.110	1929	1938	1950	rBV	342194	332678	33.81%	5.978%
10	8.251	2295	2305	2319	rBV	448117	513193	52.16%	9.222%
11	9.379	2656	2668	2680	rBV	286750	348732	35.44%	6.267%
12	12.413	3629	3644	3654	rBV3	386963	521820	53.04%	9.377%
13	14.299	4238	4251	4262	rBV	314745	458370	46.59%	8.237%
14	15.686	4688	4697	4714	rBV4	35025	95554	9.71%	1.717%
15	16.814	5047	5060	5070	rBV	236327	341368	34.70%	6.134%
16	18.651	5644	5651	5663	rVB6	38348	64174	6.52%	1.153%

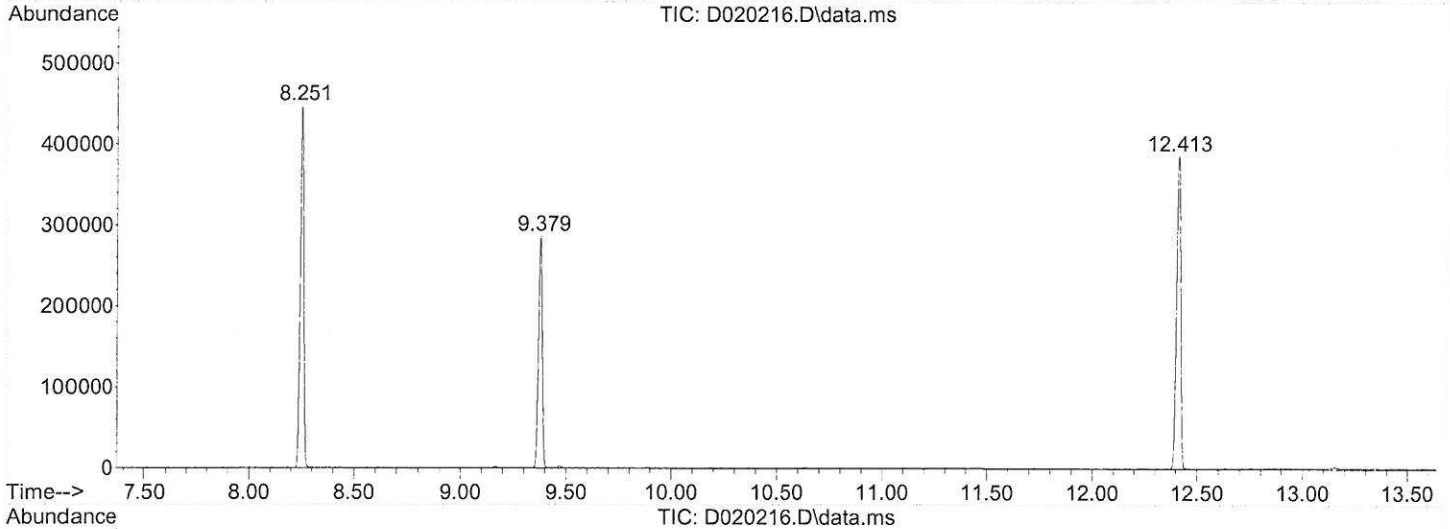
Sum of corrected areas: 5564906

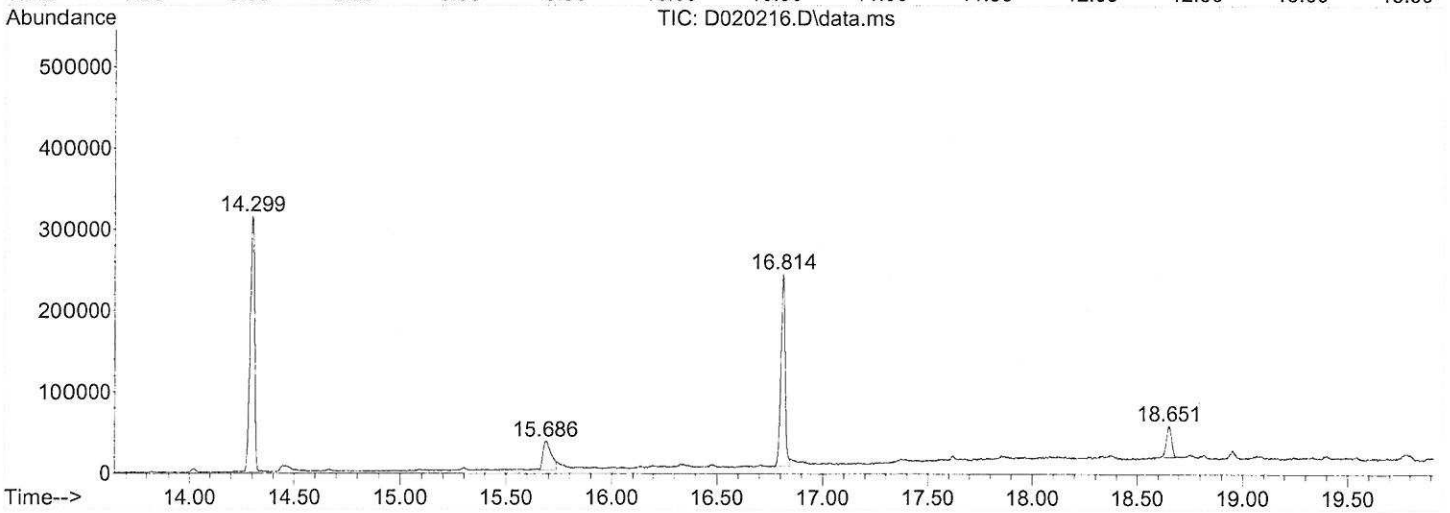
Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p







Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

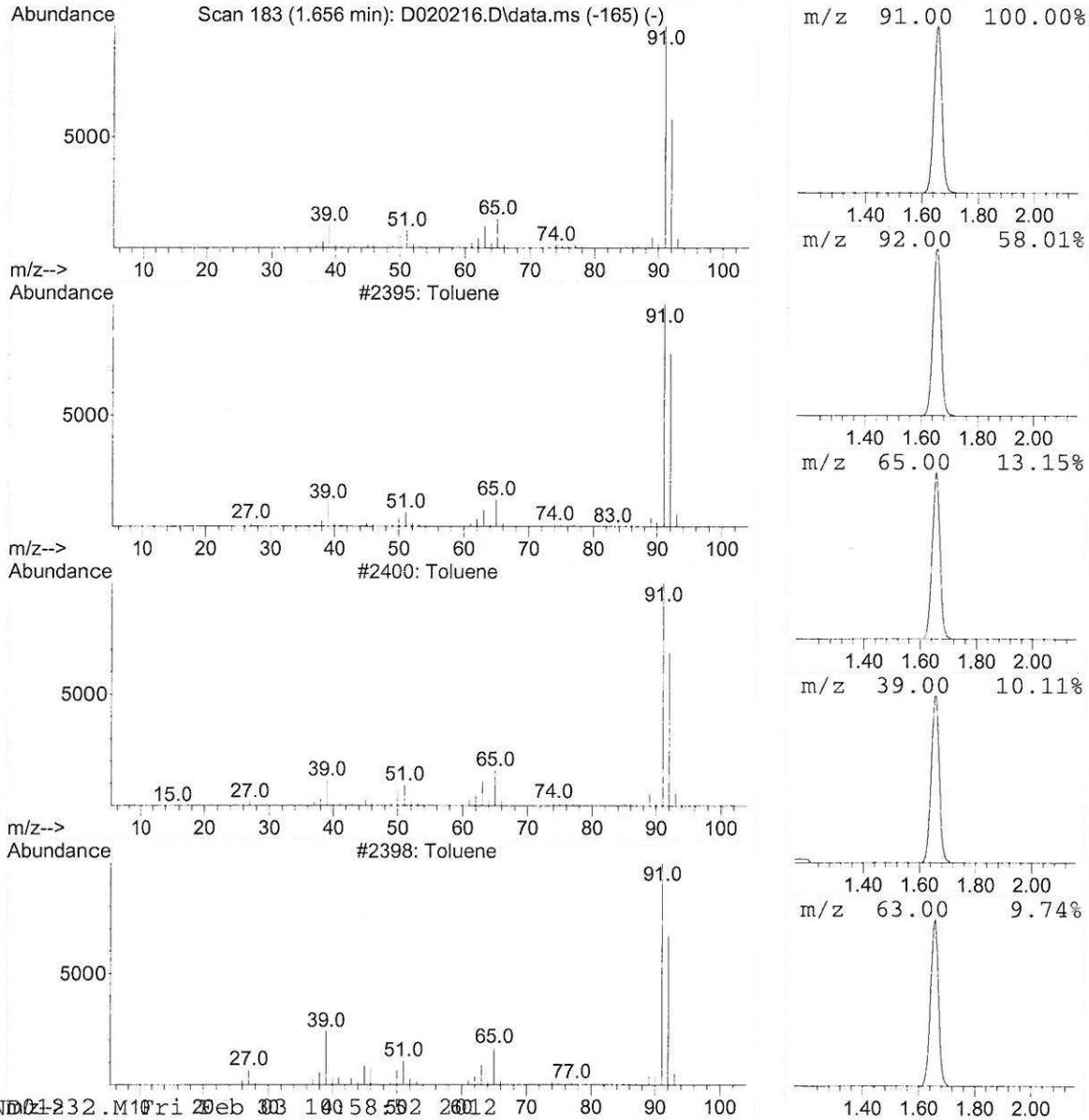
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.656	223.04 ug/ml	983881	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87



Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

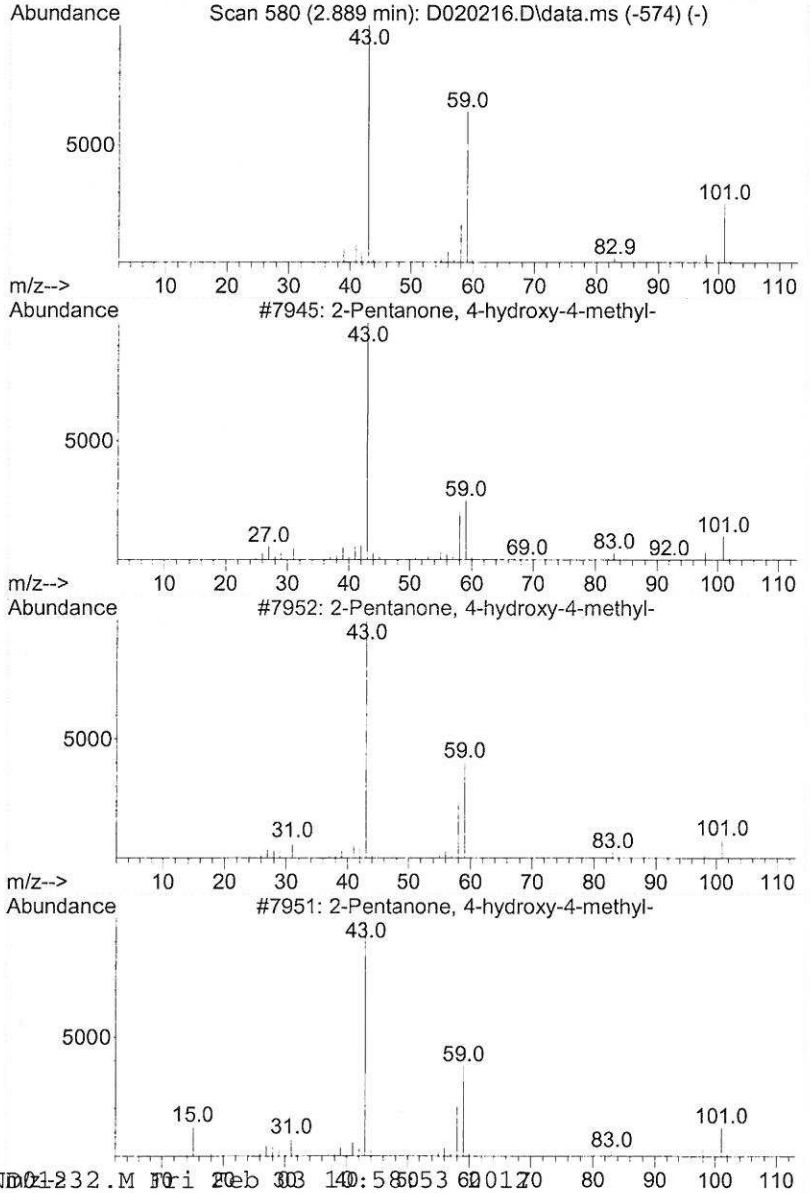
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

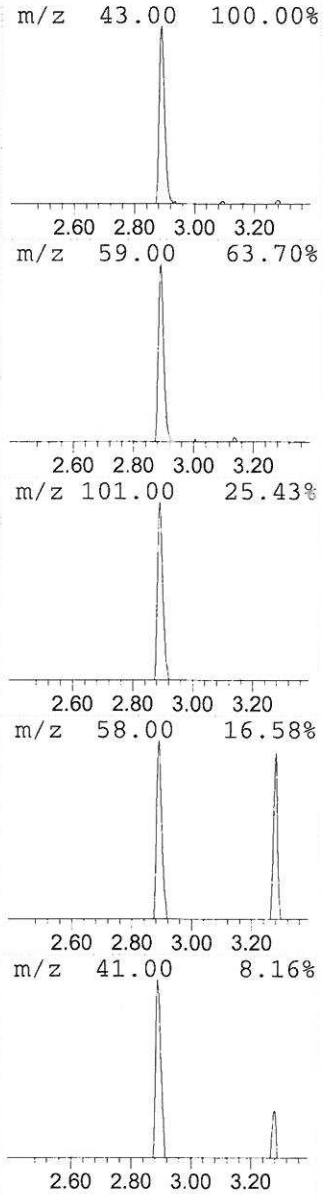
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.889	11.25 ug/ml	49620	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

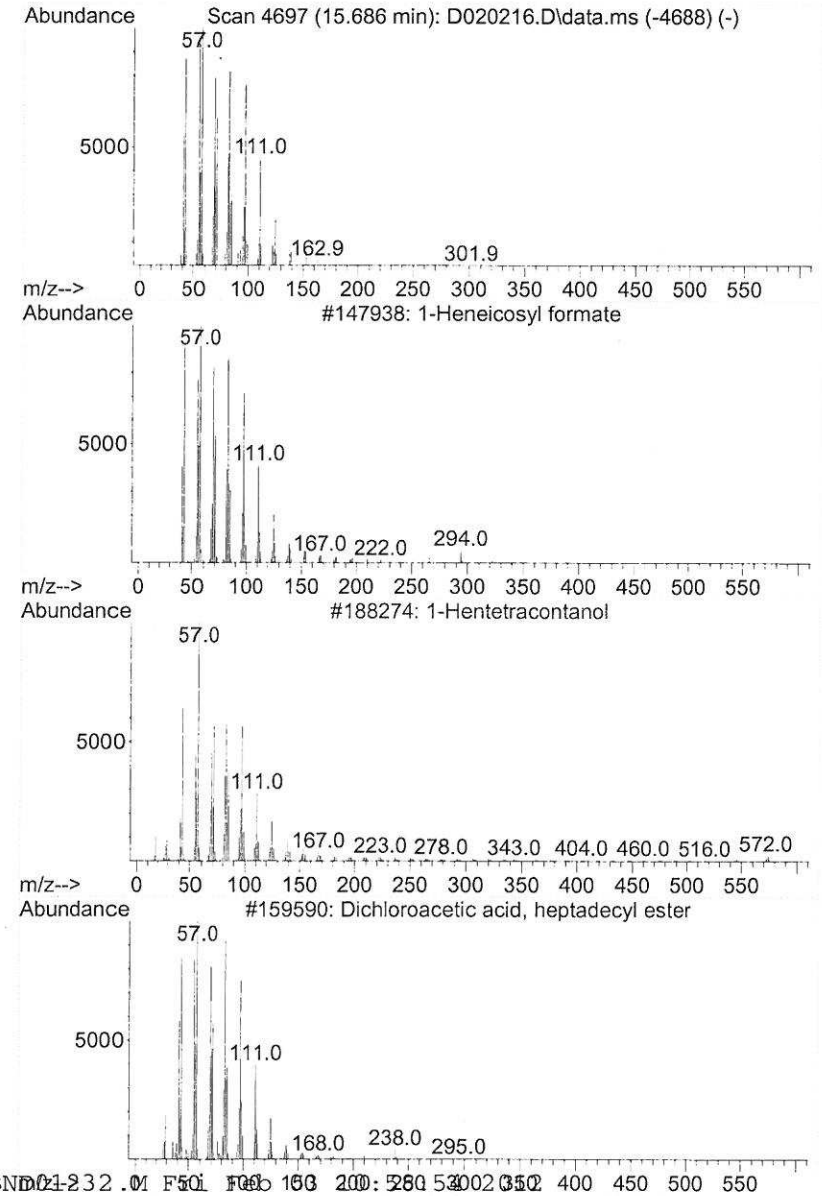
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

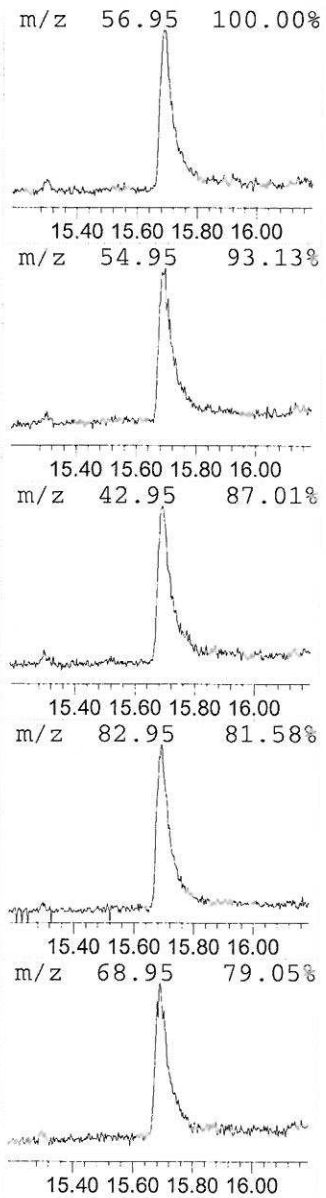
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Peak Number 3 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	11.20 ug/ml	95554	PERYLENE-D12	16.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
2	1-Hentetracontanol	593	C41H84O	040710-42-7	64
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
4	1-Tetracosanol	354	C24H50O	000506-51-4	62
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58





Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020216.D
Acq On : 2 Feb 2012 4:20 pm
Operator : BGL
Sample : 12A0882-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

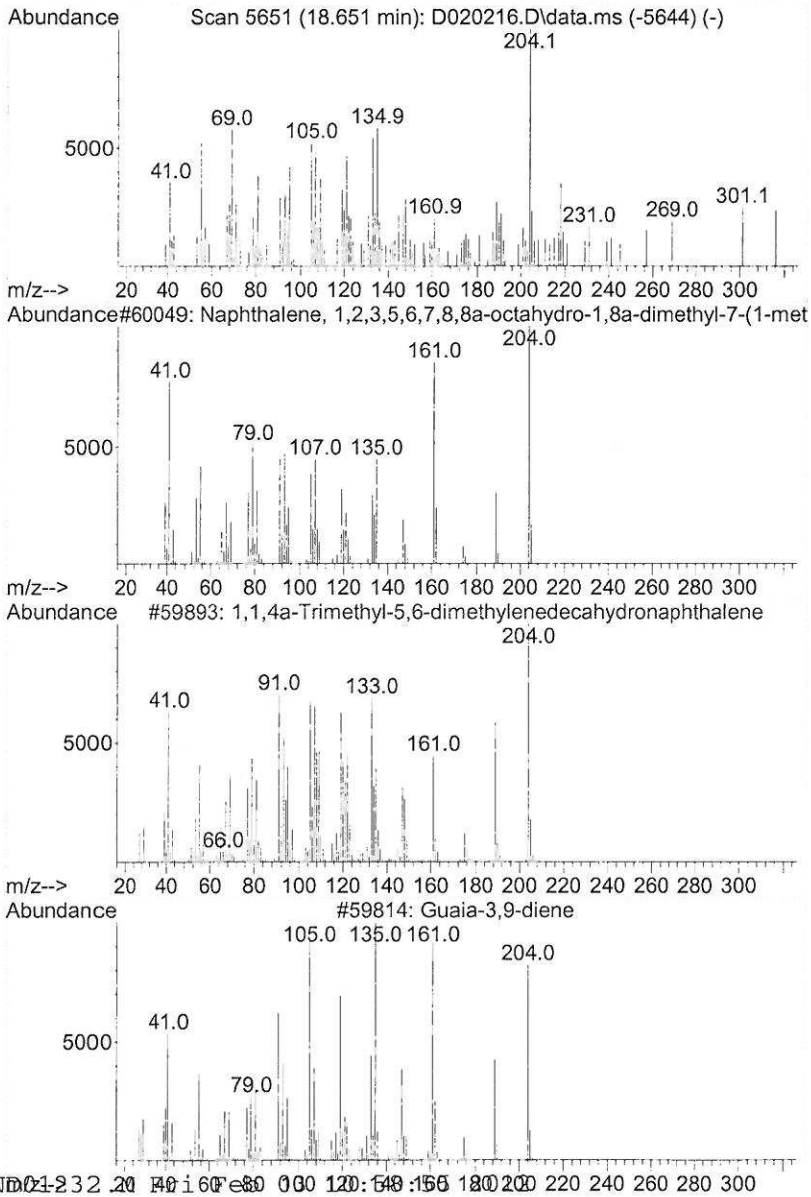
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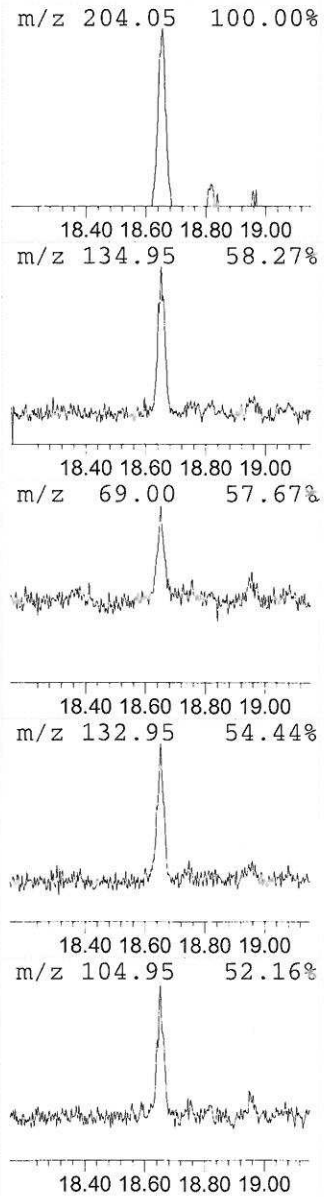
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Peak Number 4 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	7.52 ug/ml	64174	PERYLENE-D12	16.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
3	Guaia-3,9-diene	204	C15H24	000489-83-8	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43





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QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	GCMSSV4

	2,4,6-TBP (30% - 130%)	2-FlBiphenyl (30% - 130%)	2-Fiphenol (30% - 130%)	Nitrobenz-d5 (30% - 130%)	Phenol-d6 (30% - 130%)	Terphnyl-d14 (30% - 130%)
12A0882-01	60.0	79.7	73.6	63.8	85.8	58.7
12A0882-02	46.3	65.3	67.1	56.4	77.9	41.4
12A0882-03	48.7	62.9	60.6	53.9	68.9	40.0
12A0882-04	69.9	68.6	68.6	61.5	72.7	50.0
B045341-BLK1	73.0	69.1	67.4	64.2	68.4	72.6
B045341-BS1	111	80.3	72.1	77.9	73.0	122
B045341-BSD1	113	91.8	83.1	85.5	83.1	127
B045341-MS1	71.8	55.8	51.5	53.1	49.8	83.1
B045341-MSD1	73.3	55.8	52.5	50.8	57.4	63.4

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Acenaphthene	1.82	ND	1.01	55.5		40 - 140
Acenaphthylene	1.82	ND	0.984	54.0		40 - 140
Acetophenone	1.82	ND	0.907	49.8		40 - 140
Aniline	1.82	ND	0.605	33.2	*	40 - 140
Anthracene	1.82	ND	1.12	61.3		40 - 140
Benzidine	1.82	ND	0.432	23.7	*	40 - 140
Benzo(a)anthracene	1.82	ND	1.10	60.6		40 - 140
Benzo(a)pyrene	1.82	ND	1.07	58.5		40 - 140
Benzo(b)fluoranthene	1.82	ND	1.04	57.2		40 - 140
Benzo(g,h,i)perylene	1.82	ND	1.17	64.3		40 - 140
Benzo(k)fluoranthene	1.82	ND	1.05	57.5		40 - 140
Benzoic Acid	1.82	ND	0.482	26.5	*	40 - 140
Bis(2-chloroethoxy)methane	1.82	ND	1.01	55.4		40 - 140
Bis(2-chloroethyl)ether	1.82	ND	0.948	52.0		40 - 140
Bis(2-chloroisopropyl)ether	1.82	ND	0.858	47.1		40 - 140
Bis(2-Ethylhexyl)phthalate	1.82	ND	1.34	73.6		40 - 140
4-Bromophenylphenylether	1.82	ND	1.05	57.4		40 - 140
Butylbenzylphthalate	1.82	ND	1.40	76.7		40 - 140
Carbazole	1.82	ND	1.25	68.7		40 - 140
4-Chloroaniline	1.82	ND	0.647	35.5	*	40 - 140
4-Chloro-3-methylphenol	1.82	ND	0.977	53.7		30 - 130
2-Chloronaphthalene	1.82	ND	0.853	46.8		40 - 140
2-Chlorophenol	1.82	ND	0.899	49.3		30 - 130
4-Chlorophenylphenylether	1.82	ND	1.05	57.6		40 - 140
Chrysene	1.82	ND	1.05	57.4		40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Dibenz(a,h)anthracene	1.82	ND	1.13	62.0	40 - 140
Dibenzofuran	1.82	ND	0.975	53.5	40 - 140
Di-n-butylphthalate	1.82	ND	1.25	68.5	40 - 140
1,2-Dichlorobenzene	1.82	ND	0.856	47.0	40 - 140
1,3-Dichlorobenzene	1.82	ND	0.846	46.5	40 - 140
1,4-Dichlorobenzene	1.82	ND	0.845	46.4	40 - 140
3,3-Dichlorobenzidine	1.82	ND	0.900	49.4	40 - 140
2,4-Dichlorophenol	1.82	ND	0.922	50.6	30 - 130
Diethylphthalate	1.82	ND	1.15	63.4	40 - 140
2,4-Dimethylphenol	1.82	ND	0.997	54.7	30 - 130
Dimethylphthalate	1.82	ND	1.11	60.8	40 - 140
4,6-Dinitro-2-methylphenol	1.82	ND	1.24	68.1	30 - 130
2,4-Dinitrophenol	1.82	ND	1.11	60.8	30 - 130
2,4-Dinitrotoluene	1.82	ND	1.08	59.2	40 - 140
2,6-Dinitrotoluene	1.82	ND	1.10	60.1	40 - 140
Di-n-octylphthalate	1.82	ND	1.28	70.5	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.82	ND	1.00	55.1	40 - 140
Fluoranthene	1.82	ND	1.24	67.9	40 - 140
Fluorene	1.82	ND	1.02	56.2	40 - 140
Hexachlorobenzene	1.82	ND	1.01	55.6	40 - 140
Hexachlorobutadiene	1.82	ND	0.943	51.8	40 - 140
Hexachlorocyclopentadiene	1.82	ND	1.01	55.6	30 - 130
Hexachloroethane	1.82	ND	0.882	48.4	40 - 140
Indeno(1,2,3-cd)pyrene	1.82	ND	1.19	65.4	40 - 140
Isophorone	1.82	ND	0.961	52.8	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MS1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
1-Methylnaphthalene	1.82	ND	0.932	51.2		40 - 140
2-Methylnaphthalene	1.82	ND	0.842	46.2		40 - 140
2-Methylphenol	1.82	ND	0.906	49.7		30 - 130
3/4-Methylphenol	1.82	ND	1.46	80.1		30 - 130
Naphthalene	1.82	ND	0.891	48.9		40 - 140
2-Nitroaniline	1.82	ND	1.21	66.5		40 - 140
3-Nitroaniline	1.82	ND	1.07	58.6		40 - 140
4-Nitroaniline	1.82	ND	1.17	64.5		40 - 140
Nitrobenzene	1.82	ND	0.948	52.0		40 - 140
2-Nitrophenol	1.82	ND	1.01	55.4		30 - 130
4-Nitrophenol	1.82	ND	1.34	73.6		30 - 130
N-Nitrosodimethylamine	1.82	ND	0.886	48.6		40 - 140
N-Nitrosodiphenylamine	1.82	ND	1.38	75.8		40 - 140
N-Nitrosodi-n-propylamine	1.82	ND	1.03	56.3		40 - 140
Pentachloronitrobenzene	1.82	ND	1.20	66.0		40 - 140
Pentachlorophenol	1.82	ND	1.24	68.2		30 - 130
Phenanthrene	1.82	ND	1.09	59.8		40 - 140
Phenol	1.82	ND	0.886	48.6		30 - 130
Pyrene	1.82	ND	1.48	81.1		40 - 140
Pyridine	1.82	ND	0.619	34.0	*	40 - 140
1,2,4,5-Tetrachlorobenzene	1.82	ND	1.01	55.6		40 - 140
1,2,4-Trichlorobenzene	1.82	ND	0.945	51.9		40 - 140
2,4,5-Trichlorophenol	1.82	ND	1.07	58.6		30 - 130
2,4,6-Trichlorophenol	1.82	ND	1.05	57.7		30 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	1.82	1.04	57.0		2.70	30	40 - 140
Acenaphthylene	1.82	1.01	55.4		2.63	30	40 - 140
Acetophenone	1.82	1.02	55.9		11.5	30	40 - 140
Aniline	1.82	0.572	31.4	*	5.69	30	40 - 140
Anthracene	1.82	1.24	68.3		10.8	30	40 - 140
Benzidine	1.82	0.505	27.7	*	15.6	30	40 - 140
Benzo(a)anthracene	1.82	1.24	68.3		11.8	30	40 - 140
Benzo(a)pyrene	1.82	1.18	64.6		9.78	30	40 - 140
Benzo(b)fluoranthene	1.82	1.10	60.4		5.41	30	40 - 140
Benzo(g,h,i)perylene	1.82	1.06	58.4		9.62	30	40 - 140
Benzo(k)fluoranthene	1.82	1.13	61.8		7.20	30	40 - 140
Benzoic Acid	1.82	0.522	28.7	*	7.98	30	40 - 140
Bis(2-chloroethoxy)methane	1.82	1.08	59.1		6.57	30	40 - 140
Bis(2-chloroethyl)ether	1.82	0.993	54.5		4.73	30	40 - 140
Bis(2-chloroisopropyl)ether	1.82	0.938	51.5		8.89	30	40 - 140
Bis(2-Ethylhexyl)phthalate	1.82	1.29	70.9		3.71	30	40 - 140
4-Bromophenylphenylether	1.82	1.34	73.8		24.9	30	40 - 140
Butylbenzylphthalate	1.82	1.26	68.9		10.6	30	40 - 140
Carbazole	1.82	1.28	70.0		1.82	30	40 - 140
4-Chloroaniline	1.82	0.753	41.4		15.2	30	40 - 140
4-Chloro-3-methylphenol	1.82	1.20	65.7		20.2	30	30 - 130
2-Chloronaphthalene	1.82	0.842	46.2		1.25	30	40 - 140
2-Chlorophenol	1.82	0.982	53.9		8.87	30	30 - 130
4-Chlorophenylphenylether	1.82	1.11	60.9		5.43	30	40 - 140
Chrysene	1.82	1.20	65.8		13.7	30	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD		QC LIMITS RPD	QC LIMITS REC.
Dibenz(a,h)anthracene	1.82	1.14	62.4	0.579		30	40 - 140
Dibenzofuran	1.82	1.02	56.1	4.63		30	40 - 140
Di-n-butylphthalate	1.82	1.32	72.2	5.37		30	40 - 140
1,2-Dichlorobenzene	1.82	0.874	48.0	2.11		30	40 - 140
1,3-Dichlorobenzene	1.82	0.834	45.8	1.43		30	40 - 140
1,4-Dichlorobenzene	1.82	0.835	45.8	1.26		30	40 - 140
3,3-Dichlorobenzidine	1.82	1.30	71.3	36.3	*	30	40 - 140
2,4-Dichlorophenol	1.82	1.02	56.2	10.5		30	30 - 130
Diethylphthalate	1.82	1.22	67.0	5.52		30	40 - 140
2,4-Dimethylphenol	1.82	1.08	59.5	8.30		30	30 - 130
Dimethylphthalate	1.82	1.19	65.5	7.44		30	40 - 140
4,6-Dinitro-2-methylphenol	1.82	1.27	70.0	2.75		30	30 - 130
2,4-Dinitrophenol	1.82	1.03	56.4	7.54		30	30 - 130
2,4-Dinitrotoluene	1.82	1.11	61.0	2.96		30	40 - 140
2,6-Dinitrotoluene	1.82	1.18	64.5	7.06		30	40 - 140
Di-n-octylphthalate	1.82	1.03	56.6	21.9		30	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.82	1.31	72.1	26.7		30	40 - 140
Fluoranthene	1.82	1.10	60.6	11.3		30	40 - 140
Fluorene	1.82	1.07	58.8	4.45		30	40 - 140
Hexachlorobenzene	1.82	1.23	67.6	19.5		30	40 - 140
Hexachlorobutadiene	1.82	0.916	50.3	2.90		30	40 - 140
Hexachlorocyclopentadiene	1.82	0.742	40.8	30.7	*	30	30 - 130
Hexachloroethane	1.82	0.905	49.7	2.49		30	40 - 140
Indeno(1,2,3-cd)pyrene	1.82	1.15	63.1	3.61		30	40 - 140
Isophorone	1.82	1.04	56.9	7.55		30	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8270D
Batch:	B045341	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045341-MSD1
Initial/Final:	30 g / 1 mL	Sample Lab ID:	12A0882-04
Column:			

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1-Methylnaphthalene	1.82	1.03	56.6		10.1	30	40 - 140
2-Methylnaphthalene	1.82	0.933	51.2		10.3	30	40 - 140
2-Methylphenol	1.82	1.13	62.2		22.2	30	30 - 130
3/4-Methylphenol	1.82	1.81	99.6		21.7	30	30 - 130
Naphthalene	1.82	0.904	49.6		1.46	30	40 - 140
2-Nitroaniline	1.82	1.07	58.7		12.5	30	40 - 140
3-Nitroaniline	1.82	1.13	62.0		5.57	30	40 - 140
4-Nitroaniline	1.82	1.12	61.6		4.53	30	40 - 140
Nitrobenzene	1.82	0.900	49.4		5.21	30	40 - 140
2-Nitrophenol	1.82	0.988	54.3		2.15	30	30 - 130
4-Nitrophenol	1.82	1.30	71.3		3.15	30	30 - 130
N-Nitrosodimethylamine	1.82	0.783	43.0		12.3	30	40 - 140
N-Nitrosodiphenylamine	1.82	1.84	101		28.4	30	40 - 140
N-Nitrosodi-n-propylamine	1.82	1.24	68.3		19.4	30	40 - 140
Pentachloronitrobenzene	1.82	1.37	75.4		13.3	30	40 - 140
Pentachlorophenol	1.82	1.34	73.7		7.84	30	30 - 130
Phenanthrene	1.82	1.22	66.9		11.3	30	40 - 140
Phenol	1.82	1.02	55.9		13.9	30	30 - 130
Pyrene	1.82	1.13	62.1		26.5	30	40 - 140
Pyridine	1.82	0.514	28.2	*	18.6	30	40 - 140
1,2,4,5-Tetrachlorobenzene	1.82	0.987	54.2		2.62	30	40 - 140
1,2,4-Trichlorobenzene	1.82	0.925	50.8		2.14	30	40 - 140
2,4,5-Trichlorophenol	1.82	1.21	66.6		12.7	30	30 - 130
2,4,6-Trichlorophenol	1.82	1.13	62.0		7.12	30	30 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.		QC LIMITS REC.
Acenaphthene	1.67	1.34	80.7		40 - 140
Acenaphthylene	1.67	1.32	79.0		40 - 140
Acetophenone	1.67	1.17	70.3		40 - 140
Aniline	1.67	0.622	37.3		10 - 140
Anthracene	1.67	1.49	89.3		40 - 140
Benzidine	1.67	0.551	33.1	*	40 - 140
Benzo(a)anthracene	1.67	1.50	90.0		40 - 140
Benzo(a)pyrene	1.67	1.44	86.4		40 - 140
Benzo(b)fluoranthene	1.67	1.42	85.1		40 - 140
Benzo(g,h,i)perylene	1.67	1.50	90.1		40 - 140
Benzo(k)fluoranthene	1.67	1.38	83.1		40 - 140
Benzoic Acid	1.67	ND	0	*	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.35	80.7		40 - 140
Bis(2-chloroethyl)ether	1.67	1.23	73.8		40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.12	67.3		40 - 140
Bis(2-Ethylhexyl)phthalate	1.67	1.85	111		40 - 140
4-Bromophenylphenylether	1.67	1.54	92.2		40 - 140
Butylbenzylphthalate	1.67	1.83	110		40 - 140
Carbazole	1.67	1.52	91.0		40 - 140
4-Chloroaniline	1.67	0.672	40.3		10 - 140
4-Chloro-3-methylphenol	1.67	1.51	90.3		30 - 130
2-Chloronaphthalene	1.67	1.17	70.0		40 - 140
2-Chlorophenol	1.67	1.17	70.2		30 - 130
4-Chlorophenylphenylether	1.67	1.44	86.6		40 - 140
Chrysene	1.67	1.43	85.5		40 - 140
Dibenz(a,h)anthracene	1.67	1.51	90.7		40 - 140
Dibenzofuran	1.67	1.34	80.6		40 - 140
Di-n-butylphthalate	1.67	1.55	92.8		40 - 140
1,2-Dichlorobenzene	1.67	1.14	68.5		40 - 140
1,3-Dichlorobenzene	1.67	1.12	67.3		40 - 140
1,4-Dichlorobenzene	1.67	1.12	67.0		40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
3,3-Dichlorobenzidine	1.67	1.17	70.1	20 - 140
2,4-Dichlorophenol	1.67	1.35	81.0	30 - 130
Diethylphthalate	1.67	1.60	96.1	40 - 140
2,4-Dimethylphenol	1.67	1.40	84.2	30 - 130
Dimethylphthalate	1.67	1.58	94.7	40 - 140
4,6-Dinitro-2-methylphenol	1.67	1.58	95.0	30 - 130
2,4-Dinitrophenol	1.67	1.49	89.5	30 - 130
2,4-Dinitrotoluene	1.67	1.51	90.6	40 - 140
2,6-Dinitrotoluene	1.67	1.57	94.4	40 - 140
Di-n-octylphthalate	1.67	1.74	104	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.67	1.41	84.4	40 - 140
Fluoranthene	1.67	1.48	88.6	40 - 140
Fluorene	1.67	1.38	83.1	40 - 140
Hexachlorobenzene	1.67	1.44	86.2	40 - 140
Hexachlorobutadiene	1.67	1.28	76.5	40 - 140
Hexachlorocyclopentadiene	1.67	1.27	76.2	40 - 140
Hexachloroethane	1.67	1.19	71.2	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.56	93.4	40 - 140
Isophorone	1.67	1.34	80.2	40 - 140
1-Methylnaphthalene	1.67	1.34	80.3	40 - 140
2-Methylnaphthalene	1.67	1.21	72.7	40 - 140
2-Methylphenol	1.67	1.25	74.7	30 - 130
3/4-Methylphenol	1.67	1.64	98.3	30 - 130
Naphthalene	1.67	1.21	72.8	40 - 140
2-Nitroaniline	1.67	1.41	84.9	40 - 140
3-Nitroaniline	1.67	1.20	72.3	30 - 140
4-Nitroaniline	1.67	1.40	84.0	40 - 140
Nitrobenzene	1.67	1.24	74.3	40 - 140
2-Nitrophenol	1.67	1.37	82.4	30 - 130
4-Nitrophenol	1.67	1.63	97.8	30 - 130
N-Nitrosodimethylamine	1.67	1.11	66.8	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BS1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
N-Nitrosodiphenylamine	1.67	2.04	122	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.39	83.2	40 - 140
Pentachloronitrobenzene	1.67	1.68	101	40 - 140
Pentachlorophenol	1.67	1.69	101	30 - 130
Phenanthrene	1.67	1.46	87.8	40 - 140
Phenol	1.67	1.16	69.8	30 - 130
Pyrene	1.67	1.90	114	40 - 140
Pyridine	1.67	0.893	53.6	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.28	76.8	40 - 140
1,2,4-Trichlorobenzene	1.67	1.29	77.7	40 - 140
2,4,5-Trichlorophenol	1.67	1.45	86.8	30 - 130
2,4,6-Trichlorophenol	1.67	1.51	90.9	30 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acenaphthene	1.67	1.47	88.1		8.82	30	40 - 140
Acenaphthylene	1.67	1.46	87.4		10.1	30	40 - 140
Acetophenone	1.67	1.31	78.4		10.8	30	40 - 140
Aniline	1.67	0.777	46.6		22.1	50	10 - 140
Anthracene	1.67	1.58	95.0		6.21	30	40 - 140
Benzidine	1.67	0.592	35.5	*	7.23	30	40 - 140
Benzo(a)anthracene	1.67	1.60	96.0		6.52	30	40 - 140
Benzo(a)pyrene	1.67	1.53	92.0		6.28	30	40 - 140
Benzo(b)fluoranthene	1.67	1.57	94.0		9.92	30	40 - 140
Benzo(g,h,i)perylene	1.67	1.64	98.2		8.54	30	40 - 140
Benzo(k)fluoranthene	1.67	1.52	91.2		9.34	30	40 - 140
Benzoic Acid	1.67	0.237	14.2	*		50	30 - 130
Bis(2-chloroethoxy)methane	1.67	1.51	90.9		11.8	30	40 - 140
Bis(2-chloroethyl)ether	1.67	1.38	82.6		11.2	30	40 - 140
Bis(2-chloroisopropyl)ether	1.67	1.24	74.1		9.70	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bis(2-Ethylhexyl)phthalate	1.67	1.98	119	7.02	30	40 - 140
4-Bromophenylphenylether	1.67	1.60	96.1	4.12	30	40 - 140
Butylbenzylphthalate	1.67	1.98	119	7.72	30	40 - 140
Carbazole	1.67	1.63	97.9	7.37	30	40 - 140
4-Chloroaniline	1.67	0.683	41.0	1.67	30	10 - 140
4-Chloro-3-methylphenol	1.67	1.49	89.7	0.711	30	30 - 130
2-Chloronaphthalene	1.67	1.32	79.2	12.2	30	40 - 140
2-Chlorophenol	1.67	1.36	81.9	15.4	30	30 - 130
4-Chlorophenylphenylether	1.67	1.54	92.3	6.37	30	40 - 140
Chrysene	1.67	1.51	90.6	5.75	30	40 - 140
Dibenz(a,h)anthracene	1.67	1.60	96.1	5.80	30	40 - 140
Dibenzofuran	1.67	1.45	87.1	7.73	30	40 - 140
Di-n-butylphthalate	1.67	1.67	100	7.69	30	40 - 140
1,2-Dichlorobenzene	1.67	1.23	73.8	7.42	30	40 - 140
1,3-Dichlorobenzene	1.67	1.22	72.9	8.04	30	40 - 140
1,4-Dichlorobenzene	1.67	1.19	71.6	6.66	30	40 - 140
3,3-Dichlorobenzidine	1.67	1.26	75.7	7.69	50	20 - 140
2,4-Dichlorophenol	1.67	1.42	85.2	5.03	30	30 - 130
Diethylphthalate	1.67	1.65	99.2	3.20	30	40 - 140
2,4-Dimethylphenol	1.67	1.49	89.2	5.74	30	30 - 130
Dimethylphthalate	1.67	1.67	100	5.46	30	40 - 140
4,6-Dinitro-2-methylphenol	1.67	1.67	100	5.53	30	30 - 130
2,4-Dinitrophenol	1.67	1.59	95.5	6.44	30	30 - 130
2,4-Dinitrotoluene	1.67	1.61	96.8	6.55	30	40 - 140
2,6-Dinitrotoluene	1.67	1.67	100	6.06	30	40 - 140
Di-n-octylphthalate	1.67	2.00	120	14.1	30	40 - 140
1,2-Diphenylhydrazine (as Azobenzene)	1.67	1.51	90.8	7.37	30	40 - 140
Fluoranthene	1.67	1.57	94.2	6.06	30	40 - 140
Fluorene	1.67	1.46	87.3	4.98	30	40 - 140
Hexachlorobenzene	1.67	1.49	89.6	3.91	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045341	Laboratory ID:	B045341-BSD1
Column:		Initial/Final:	30 g / 1 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Hexachlorobutadiene	1.67	1.40	84.0	9.32	30	40 - 140
Hexachlorocyclopentadiene	1.67	1.44	86.7	12.9	30	40 - 140
Hexachloroethane	1.67	1.27	75.9	6.50	30	40 - 140
Indeno(1,2,3-cd)pyrene	1.67	1.62	97.3	4.15	30	40 - 140
Isophorone	1.67	1.42	85.2	5.95	30	40 - 140
1-Methylnaphthalene	1.67	1.41	84.6	5.19	30	40 - 140
2-Methylnaphthalene	1.67	1.28	76.9	5.64	30	40 - 140
2-Methylphenol	1.67	1.43	85.7	13.7	30	30 - 130
3/4-Methylphenol	1.67	1.89	113	14.4	30	30 - 130
Naphthalene	1.67	1.33	80.0	9.43	30	40 - 140
2-Nitroaniline	1.67	1.50	89.8	5.61	30	40 - 140
3-Nitroaniline	1.67	1.23	73.9	2.27	30	30 - 140
4-Nitroaniline	1.67	1.49	89.6	6.40	30	40 - 140
Nitrobenzene	1.67	1.36	81.7	9.49	30	40 - 140
2-Nitrophenol	1.67	1.50	89.8	8.52	30	30 - 130
4-Nitrophenol	1.67	1.68	101	2.82	50	30 - 130
N-Nitrosodimethylamine	1.67	1.23	74.1	10.3	30	40 - 140
N-Nitrosodiphenylamine	1.67	2.15	129	5.17	30	40 - 140
N-Nitrosodi-n-propylamine	1.67	1.52	91.2	9.17	30	40 - 140
Pentachloronitrobenzene	1.67	1.78	107	5.87	30	40 - 140
Pentachlorophenol	1.67	1.77	106	4.53	30	30 - 130
Phenanthrene	1.67	1.55	93.2	5.97	30	40 - 140
Phenol	1.67	1.36	81.8	15.8	30	30 - 130
Pyrene	1.67	2.03	122	6.26	30	40 - 140
Pyridine	1.67	0.910	54.6	1.92	30	30 - 140
1,2,4,5-Tetrachlorobenzene	1.67	1.51	90.4	16.2	30	40 - 140
1,2,4-Trichlorobenzene	1.67	1.40	84.2	8.08	30	40 - 140
2,4,5-Trichlorophenol	1.67	1.64	98.1	12.2	30	30 - 130
2,4,6-Trichlorophenol	1.67	1.59	95.3	4.77	30	30 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045341-BLK1	Batch:	B045341

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045341-MSD1	D020211a.D	14:35
Matrix Spike	B045341-MS1	D020210.D	12:49
LCS Dup	B045341-BSD1	D020209.D	12:23
LCS	B045341-BS1	D020208.D	11:56
FPC-SB03	12A0882-04	D020216.D	16:20
FPC-SB02/D	12A0882-03	D020215.D	15:54
FPC-SB02	12A0882-02	D020214.D	15:28
FPC-SB01	12A0882-01	D020218.D	16:50

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Lab File ID:	D020201.D	Injection Date:	02/02/12
Instrument ID:	GCMSSV4	Injection Time:	08:24
Sequence:	S001784	Lab Sample ID:	S001784-TUN1

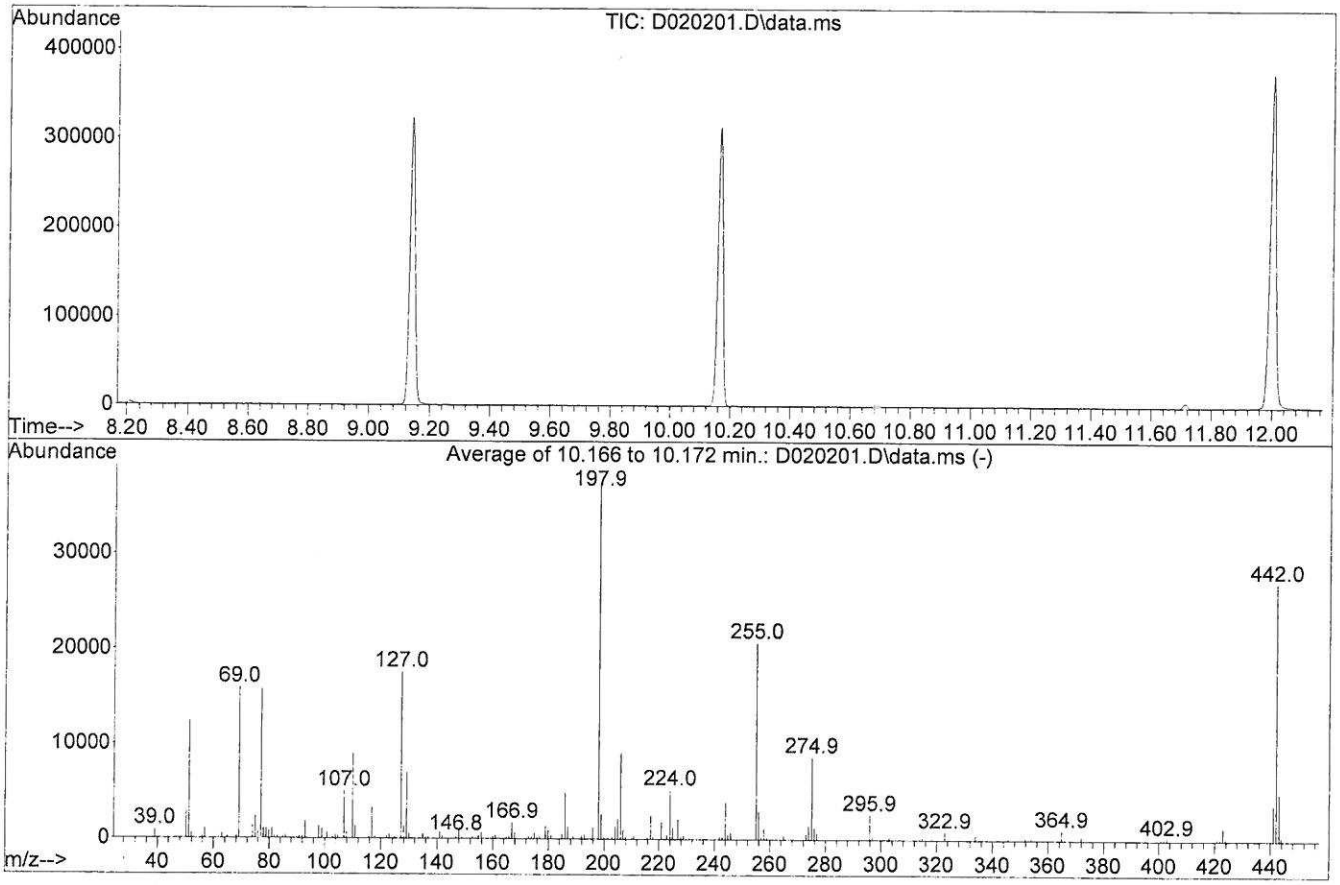
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
51	10 - 80% of 198	33.2	PASS
68	Less than 2% of 69	1.45	PASS
69	Base peak, 100% relative abundance	100	PASS
70	Less than 2% of 69	0	PASS
127	10 - 80% of 198	47	PASS
197	Less than 2% of 198	0	PASS
198	Base peak, 100% relative abundance	100	PASS
199	5 - 9% of 198	7.02	PASS
275	10 - 60% of 198	23.3	PASS
365	1 - 200% of 198	2.73	PASS
441	Less than 24% of 442	13.9	PASS
442	50 - 200% of 198	72.4	PASS
443	15 - 24% of 442	18.3	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S001784-CCV1	D020206.D	02/02/2012	10:59:00
Blank	B045341-BLK1	D020207.D	02/02/2012	11:30:00
LCS	B045341-BS1	D020208.D	02/02/2012	11:56:00
LCS Dup	B045341-BSD1	D020209.D	02/02/2012	12:23:00
Matrix Spike	B045341-MS1	D020210.D	02/02/2012	12:49:00
Matrix Spike Dup	B045341-MSD1	D020211a.D	02/02/2012	14:35:00
FPC-SB02	12A0882-02	D020214.D	02/02/2012	15:28:00
FPC-SB02/D	12A0882-03	D020215.D	02/02/2012	15:54:00
FPC-SB03	12A0882-04	D020216.D	02/02/2012	16:20:00
FPC-SB01	12A0882-01	D020218.D	02/02/2012	16:50:00

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\METHODS\DFTPPC.M
Title : dftpp svms4 method C Criteria
Last Update : Sat Mar 14 15:39:58 2009



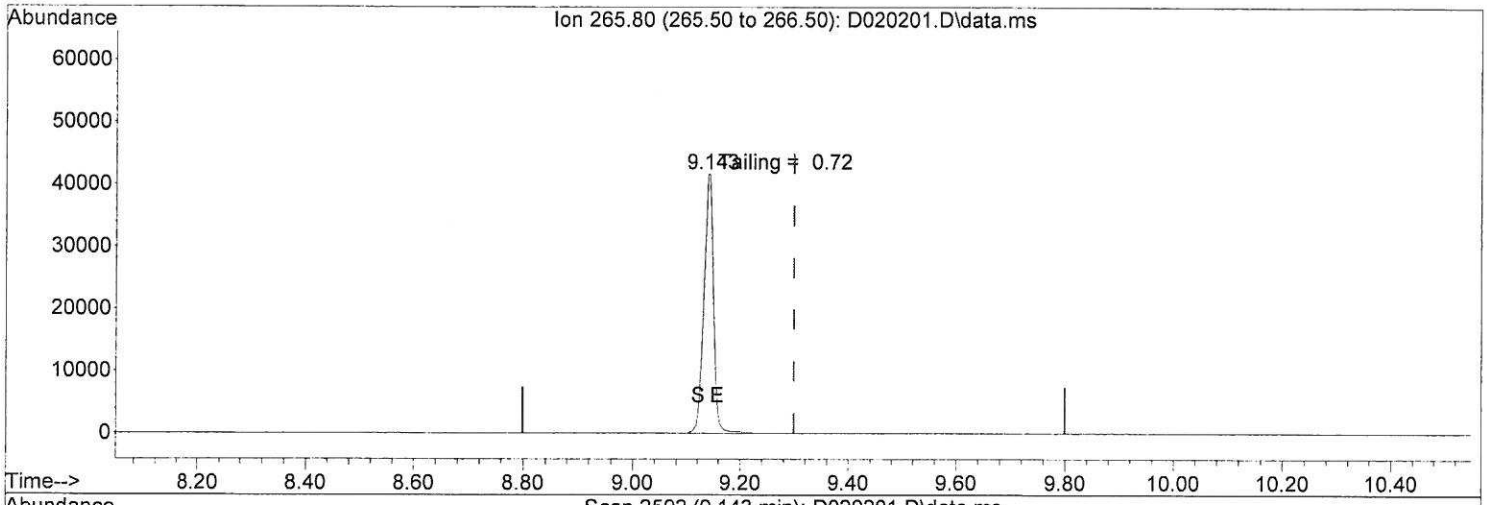
AutoFind: Scans 2921, 2922, 2923; Background Corrected with Scan 2907

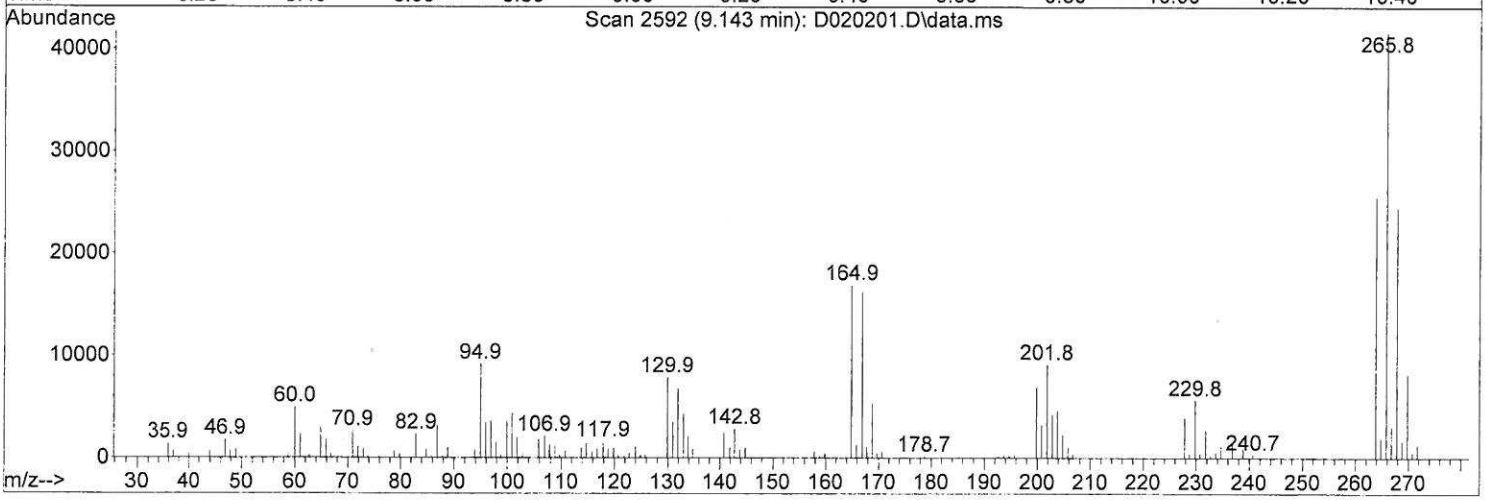
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.2	12392	PASS
68	69	0.00	2	1.5	231	PASS
69	69	100	100	100.0	15893	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	47.0	17571	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	37379	PASS
199	198	5	9	7.0	2623	PASS
275	198	10	30	23.3	8719	PASS
365	198	1	100	2.7	1022	PASS
441	443	0.01	100	76.2	3763	PASS
442	198	40	100	72.4	27061	PASS
443	442	17	23	18.3	4939	PASS

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration





TIC: D020201.D\data.ms

(1) Pentachlorophenol

9.143min (-0.157) 0.00

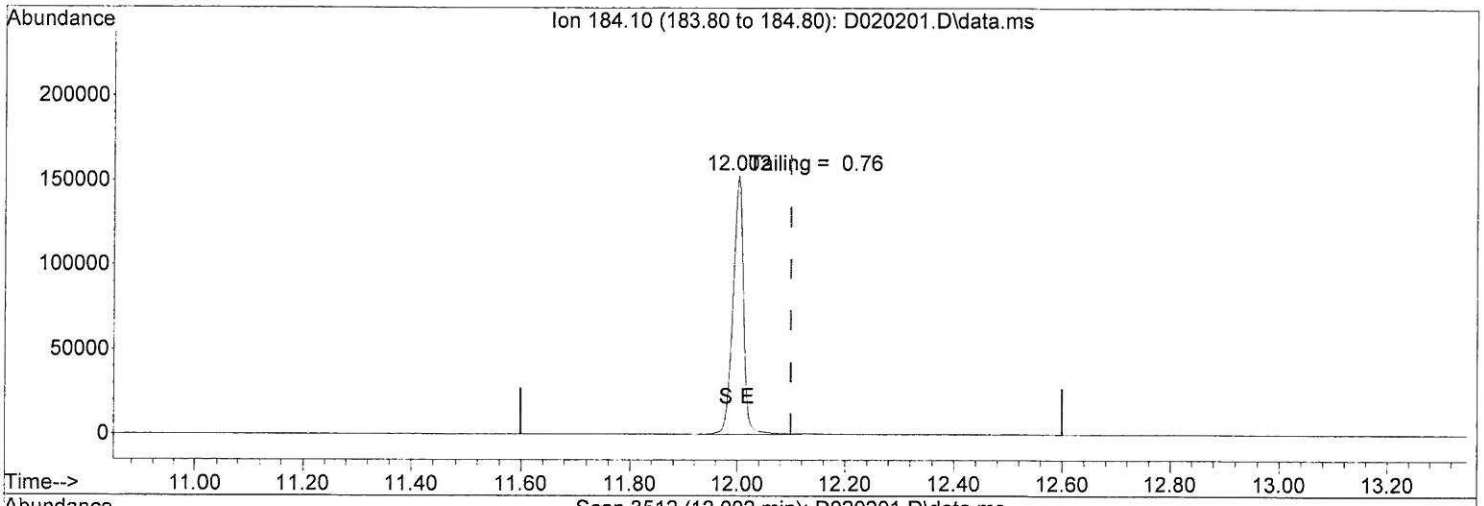
response 51262

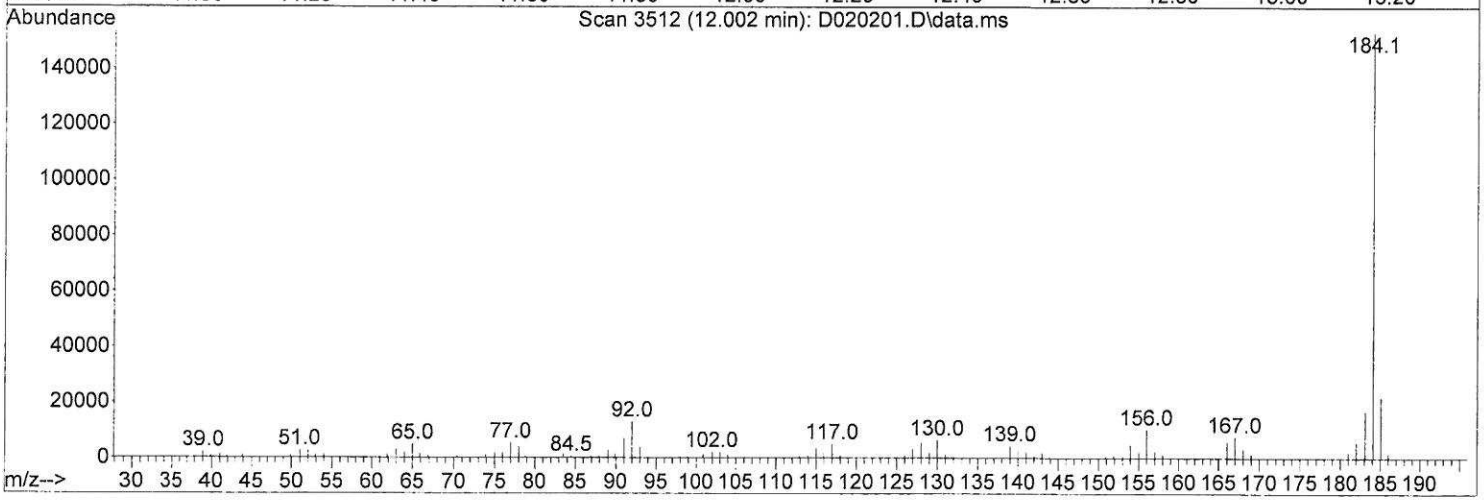
Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration





TIC: D020201.D\data.ms

(3) benzidine

12.002min (-0.098) 0.00

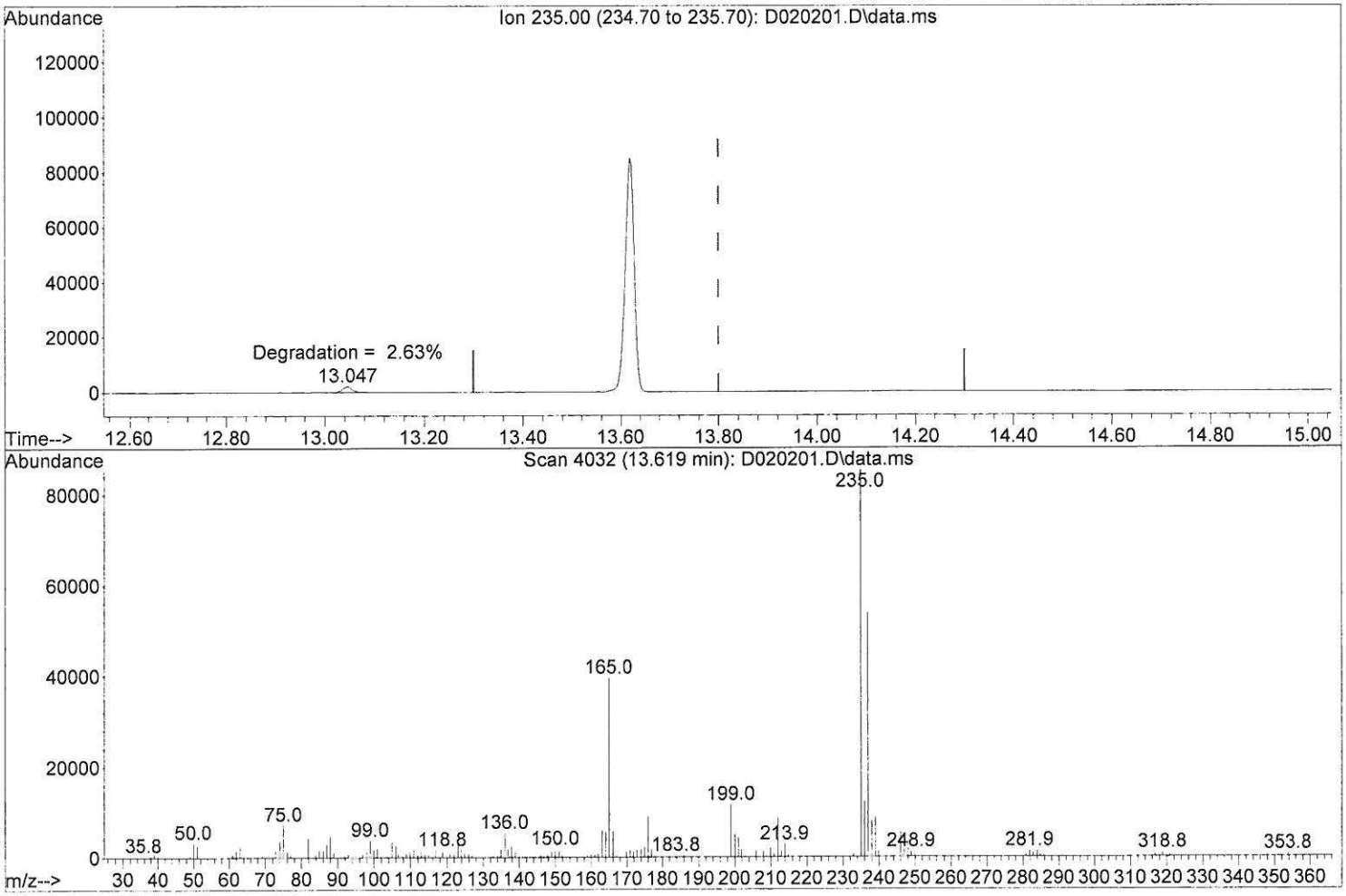
response 210123

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\020212\Snapshot\
Data File : D020201.D
Acq On : 2 Feb 2012 8:24 am
Operator : BGL
Sample : dftpp 50 ng 112611 1776 Inst : GCMSSV4
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 02 08:50:27 2012
Quant Method : C:\msdchem\1\METHODS\DFTPPC.M
Quant Title : dftpp svms4 method C Criteria
QLast Update : Mon Jul 21 14:15:56 2008
Response via : Initial Calibration



TIC: D020201.D\data.ms

(4) DDT

13.619min (-0.181) 0.00

response 113739

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acenaphthene	5	1.044021	10	1.00104	20	1.026084	50	1.020248	80	0.9500201	100	1.070284
Acenaphthylene	5	1.710218	10	1.703513	20	1.722653	50	1.728138	80	1.617159	100	1.792355
Acetophenone	5	1.21801	10	1.060997	20	1.069677	50	1.06436	80	0.8740277	100	1.021877
Aniline	5	1.226818	10	1.060563	20	1.1219	50	1.080331	80	0.868576	100	1.02819
Anthracene	5	0.9611984	10	0.9843448	20	0.9945692	50	0.9976844	80	0.9269554	100	1.02312
Benzidine	10	0.296272	20	0.3264804	40	0.4154635	100	0.3750523	160	0.2725776	200	0.2856013
Benzo(a)anthracene	5	1.024322	10	1.001684	20	1.016676	50	1.036578	80	0.9940349	100	1.059563
Benzo(a)pyrene	5	0.9786215	10	1.027573	20	1.00709	50	1.072697	80	1.046886	100	1.129427
Benzo(b)fluoranthene	5	1.05206	10	1.145308	20	1.153216	50	1.197695	80	1.202054	100	1.274569
Benzo(g,h,i)perylene	5	0.7541148	10	0.8414969	20	0.8216808	50	0.8839407	80	0.8904013	100	1.004811
Benzo(k)fluoranthene	5	1.100879	10	1.14097	20	1.117548	50	1.174192	80	1.16554	100	1.162411
Benzoic Acid			10	0.1387768	20	0.1668176	50	0.1865034	80	0.1719071	100	0.2222256
Bis(2-chloroethoxy)methane	5	0.3574372	10	0.334157	20	0.3474524	50	0.3704229	80	0.3306037	100	0.3847213
Bis(2-chloroethyl)ether	5	0.7975065	10	0.681925	20	0.6835663	50	0.699129	80	0.5674789	100	0.6263772
Bis(2-chloroisopropyl)ether	5	1.072331	10	0.9008208	20	0.9003247	50	0.9064141	80	0.7273282	100	0.7747873
Bis(2-Ethylhexyl)phthalate	5	0.6122678	10	0.6324756	20	0.6352803	50	0.6486143	80	0.6330403	100	0.6882945
4-Bromophenylphenylether	5	0.1799871	10	0.1793078	20	0.1833281	50	0.1900124	80	0.1731093	100	0.1940655
Butylbenzylphthalate	5	0.4483667	10	0.4654866	20	0.4983674	50	0.5304321	80	0.5199766	100	0.5455448
Carbazole	5	0.8535536	10	0.8820879	20	0.8744414	50	0.8836158	80	0.8173692	100	0.9071347
4-Chloroaniline			10	0.3754432	20	0.4110538	50	0.4167976	80	0.3472342	100	0.4254912
4-Chloro-3-methylphenol	5	0.2829064	10	0.2966158	20	0.3087299	50	0.3328472	80	0.2923835	100	0.3723552
2-Chloronaphthalene	5	1.196658	10	1.15205	20	1.23804	50	1.231243	80	1.093866	100	1.275034
2-Chlorophenol	5	0.8385676	10	0.7617601	20	0.7623432	50	0.7910093	80	0.6404498	100	0.7194299
4-Chlorophenylphenylether	5	0.6870563	10	0.6389769	20	0.6608836	50	0.6737282	80	0.664748	100	0.7190911
Chrysene	5	0.9916214	10	0.9802011	20	0.9858834	50	1.001859	80	0.9491531	100	1.022257
Dibenz(a,h)anthracene	5	0.6593502	10	0.7476335	20	0.7586952	50	0.8370149	80	0.8373827	100	0.9925841

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Dibenzofuran	5	1.690349	10	1.622098	20	1.642025	50	1.648084	80	1.585313	100	1.725784
Di-n-butylphthalate	5	1.125976	10	1.161784	20	1.176783	50	1.241597	80	1.203682	100	1.238397
1,2-Dichlorobenzene	5	1.01677	10	0.8951802	20	0.9047757	50	0.8811598	80	0.7226342	100	0.8085939
1,3-Dichlorobenzene	5	1.087373	10	0.9264924	20	0.9443166	50	0.9385759	80	0.774147	100	0.8439866
1,4-Dichlorobenzene	5	1.144832	10	0.9544058	20	0.9593769	50	0.9652068	80	0.7952497	100	0.8651158
3,3-Dichlorobenzidine	10	0.2719845	20	0.2675885	40	0.2840007	100	0.2666039	160	0.2646042	200	0.2955227
2,4-Dichlorophenol	5	0.2986407	10	0.2874683	20	0.3033894	50	0.3211313	80	0.286479	100	0.3385698
Diethylphthalate	5	1.354243	10	1.263014	20	1.287149	50	1.379861	80	1.480844	100	1.519947
2,4-Dimethylphenol	5	0.2519555	10	0.2706776	20	0.2845727	50	0.3009602	80	0.2649582	100	0.3092746
Dimethylphthalate	5	1.204042	10	1.124533	20	1.172567	50	1.229919	80	1.174871	100	1.307293
4,6-Dinitro-2-methylphenol			10	5.927787E-02	20	7.902486E-02	50	0.106372	80	0.1162878	100	0.139549
2,4-Dinitrophenol			10	6.538698E-02	20	0.1000704	50	0.1364537	80	0.1662249	100	0.2120249
2,4-Dinitrotoluene	5	0.3896237	10	0.4080185	20	0.443655	50	0.4724894	80	0.5315529	100	0.5343301
2,6-Dinitrotoluene	5	0.2671336	10	0.2752589	20	0.2874308	50	0.3159504	80	0.3168494	100	0.3423801
Di-n-octylphthalate	5	1.070232	10	1.147911	20	1.239051	50	1.373239	80	1.456658	100	1.420945
1,2-Diphenylhydrazine (as Azob	5	0.6175808	10	0.6067105	20	0.6229679	50	0.637217	80	0.5536303	100	0.6125996
Fluoranthene	5	0.9761782	10	1.036397	20	1.049563	50	1.047554	80	0.9759519	100	1.055279
Fluorene	5	1.461584	10	1.361874	20	1.39368	50	1.408347	80	1.406789	100	1.497478
Hexachlorobenzene	5	0.2142406	10	0.2079189	20	0.2117606	50	0.2271715	80	0.2188415	100	0.2383714
Hexachlorobutadiene	5	0.2202799	10	0.2129691	20	0.2180845	50	0.2311108	80	0.2098056	100	0.2299788
Hexachlorocyclopentadiene	5	0.2232838	10	0.3081178	20	0.3437657	50	0.3659311	80	0.3243708	100	0.3557996
Hexachloroethane	5	0.41698	10	0.3766135	20	0.3769035	50	0.3849912	80	0.319893	100	0.3440209
Indeno(1,2,3-cd)pyrene	5	0.657326	10	0.7531746	20	0.7572279	50	0.8152183	80	0.8339124	100	0.9526368
Isophorone	5	0.6390497	10	0.616008	20	0.6472989	50	0.6759276	80	0.5922339	100	0.7117814
1-Methylnaphthalene	5	0.6560779	10	0.5984805	20	0.6341115	50	0.646141	80	0.5661116	100	0.6912838
2-Methylnaphthalene	5	0.7324202	10	0.7033075	20	0.7152042	50	0.7373649	80	0.6503108	100	0.790972

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Methylphenol	5	0.7671511	10	0.6608092	20	0.7124674	50	0.6697813	80	0.5791535	100	0.6568222
3/4-Methylphenol	10	0.8483925	20	0.7440431	40	0.7913662	100	0.7899312	160	0.6541025	200	0.7612562
Naphthalene	5	1.027904	10	0.9691351	20	0.9870619	50	1.008673	80	0.9175206	100	1.039458
2-Nitroaniline	5	0.2947681	10	0.3172427	20	0.3375868	50	0.3541154	80	0.3369636	100	0.3760952
3-Nitroaniline	5	0.2841863	10	0.2954943	20	0.3289323	50	0.3380952	80	0.341096	100	0.3483901
4-Nitroaniline	5	0.2978132	10	0.3084015	20	0.3354735	50	0.3572513	80	0.3721697	100	0.39536
Nitrobenzene	5	0.3851275	10	0.3696416	20	0.3873689	50	0.3903093	80	0.3664148	100	0.3926574
2-Nitrophenol	5	0.1545479	10	0.1580539	20	0.1772625	50	0.1945879	80	0.1809395	100	0.2069569
4-Nitrophenol			10	0.168219	20	0.1980276	50	0.2106388	80	0.241454	100	0.2612736
N-Nitrosodimethylamine	5	0.3977369	10	0.3404563	20	0.3774218	50	0.3709326	80	0.3065554	100	0.3348737
N-Nitrosodiphenylamine	5	0.3781662	10	0.36146	20	0.368955	50	0.4014993	80	0.3547706	100	0.4054381
N-Nitrosodi-n-propylamine	5.84	0.5485578	11.7	0.4752974	23.4	0.4803303	58.4	0.4829921	93.5	0.3920459	117	0.4647409
Pentachloronitrobenzene	5	0.0276651	10	3.295061E-02	20	3.432222E-02	50	3.817382E-02	80	3.914025E-02	100	4.150507E-02
Pentachlorophenol			10	9.449162E-02	20	0.1179893	50	0.1420844	80	0.1386394	100	0.1664039
Phenanthrene	5	0.9905352	10	0.9983805	20	0.9865856	50	0.9894084	80	0.9316161	100	1.010189
Phenol	5	1.171935	10	1.00922	20	1.035776	50	1.012426	80	0.8152124	100	0.9489053
Pyrene	5	1.235211	10	1.172371	20	1.178095	50	1.284099	80	1.387727	100	1.443069
Pyridine	5	0.6977674	10	0.3904979	20	0.7071323	50	0.6924773	80	0.6069953	100	0.6444345
1,2,4,5-Tetrachlorobenzene	5	0.5702758	10	0.5473027	20	0.5584382	50	0.5626868	80	0.5140355	100	0.5582777
1,2,4-Trichlorobenzene	5	0.3623024	10	0.337994	20	0.355601	50	0.3706055	80	0.3363835	100	0.3715989
2,4,5-Trichlorophenol	5	0.3517119	10	0.3775708	20	0.3981282	50	0.4074177	80	0.3733972	100	0.4227391
2,4,6-Trichlorophenol	5	0.3211084	10	0.3464612	20	0.3589011	50	0.3714441	80	0.3456246	100	0.4046005
2-Fluorophenol	5	0.7269031	10	0.6751998	20	0.6878649	50	0.7042334	80	0.5908548	100	0.6398398
Phenol-d6	5	0.9517227	10	0.8708103	20	0.8777647	50	0.8794908	80	0.7038785	100	0.8237532
Nitrobenzene-d5	5	0.3760699	10	0.3639629	20	0.3735254	50	0.3807045	80	0.3401153	100	0.4015376
2-Fluorobiphenyl	5	1.14687	10	1.106236	20	1.161679	50	1.118459	80	1.017782	100	1.126283

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2,4,6-Tribromophenol	5	0.1587271	10	0.1777221	20	0.1865956	50	0.2040341	80	0.2213936	100	0.2339341
Terphenyl-d14	5	0.693504	10	0.6765992	20	0.7000482	50	0.7823118	80	0.8292041	100	0.8788954

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acenaphthene	120	1.000904										
Acenaphthylene	120	1.684106										
Acetophenone	120	0.9439479										
Aniline	120	0.9338421										
Anthracene	120	0.9778245										
Benzidine												
Benzo(a)anthracene	120	1.030706										
Benzo(a)pyrene	120	1.107528										
Benzo(b)fluoranthene	120	1.268416										
Benzo(g,h,i)perylene	120	0.9426502										
Benzo(k)fluoranthene	120	1.131867										
Benzoic Acid	120	0.2037943										
Bis(2-chloroethoxy)methane	120	0.3690786										
Bis(2-chloroethyl)ether	120	0.5855377										
Bis(2-chloroisopropyl)ether	120	0.7314438										
Bis(2-Ethylhexyl)phthalate	120	0.6800252										
4-Bromophenylphenylether	120	0.1834995										
Butylbenzylphthalate	120	0.5302994										
Carbazole	120	0.8652479										
4-Chloroaniline	120	0.3853294										
4-Chloro-3-methylphenol	120	0.3378148										
2-Chloronaphthalene	120	1.17903										
2-Chlorophenol	120	0.6758272										
4-Chlorophenylphenylether	120	0.6684336										
Chrysene	120	0.9949316										
Dibenz(a,h)anthracene	120	0.9533492										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Dibenzofuran	120	1.617353										
Di-n-butylphthalate	120	1.178256										
1,2-Dichlorobenzene	120	0.7863143										
1,3-Dichlorobenzene	120	0.8258154										
1,4-Dichlorobenzene	120	0.8401516										
3,3-Dichlorobenzidine	240	0.2871729										
2,4-Dichlorophenol	120	0.3237781										
Diethylphthalate	120	1.402146										
2,4-Dimethylphenol	120	0.2932315										
Dimethylphthalate	120	1.233043										
4,6-Dinitro-2-methylphenol	120	0.1323209										
2,4-Dinitrophenol	120	0.2019691										
2,4-Dinitrotoluene	120	0.5010693										
2,6-Dinitrotoluene	120	0.3215286										
Di-n-octylphthalate	120	1.365106										
1,2-Diphenylhydrazine (as Azob	120	0.5812482										
Fluoranthene	120	1.014801										
Fluorene	120	1.396077										
Hexachlorobenzene	120	0.2253761										
Hexachlorobutadiene	120	0.2275042										
Hexachlorocyclopentadiene	120	0.3483287										
Hexachloroethane	120	0.3336669										
Indeno(1,2,3-cd)pyrene	120	0.9342934										
Isophorone	120	0.6744682										
1-Methylnaphthalene	120	0.6525305										
2-Methylnaphthalene	120	0.7468217										

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Methylphenol	120	0.5739539										
3/4-Methylphenol												
Naphthalene	120	1.010576										
2-Nitroaniline	120	0.3468042										
3-Nitroaniline	120	0.3101081										
4-Nitroaniline	120	0.3641429										
Nitrobenzene	120	0.3939476										
2-Nitrophenol	120	0.2031951										
4-Nitrophenol	120	0.245796										
N-Nitrosodimethylamine	120	0.3253219										
N-Nitrosodiphenylamine	120	0.3799237										
N-Nitrosodi-n-propylamine	140	0.4268616										
Pentachloronitrobenzene	120	3.969923E-02										
Pentachlorophenol	120	0.1572369										
Phenanthrene	120	0.9707267										
Phenol	120	0.8725124										
Pyrene	120	1.350538										
Pyridine	120	0.6616532										
1,2,4,5-Tetrachlorobenzene	120	0.5455198										
1,2,4-Trichlorobenzene	120	0.3637504										
2,4,5-Trichlorophenol	120	0.3921619										
2,4,6-Trichlorophenol	120	0.380754										
2-Fluorophenol	120	0.6013428										
Phenol-d6	120	0.7589393										
Nitrobenzene-d5	120	0.3936468										
2-Fluorobiphenyl	120	1.081465										

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200012 Instrument: GCMSSV4

Calibration Date: 1/23/2012 7:50:52AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2,4,6-Tribromophenol	120	0.2223661										
Terphenyl-d14	120	0.8360662										

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acenaphthene	1.016086	3.7			20	
Acenaphthylene	1.708306	3.1			20	
Acetophenone	1.036128	10.5			20	
Aniline	1.045746	11.3			20	
Anthracene	0.9808138	3.1			20	
Benzidine	0.3285745	17.1			20	
Benzo(a)anthracene	1.023366	2.2			20	
Benzo(a)pyrene	1.052832	5.1			20	
Benzo(b)fluoranthene	1.18476	6.5			20	
Benzo(g,h,i)perylene	0.8770137	9.3			20	
Benzo(k)fluoranthene	1.141915	2.4			20	
Benzoic Acid	0.1816708	16.2			20	
Bis(2-chloroethoxy)methane	0.3562676	5.6			20	
Bis(2-chloroethyl)ether	0.6630744	11.8			20	
Bis(2-chloroisopropyl)ether	0.8590643	14.4			20	
Bis(2-Ethylhexyl)phthalate	0.6471426	4.3			20	
4-Bromophenylphenylether	0.18333	3.8			20	
Butylbenzylphthalate	0.5054962	7.2			20	
Carbazole	0.8690644	3.3			20	
4-Chloroaniline	0.3935582	7.5			20	
4-Chloro-3-methylphenol	0.3176647	10.0			20	
2-Chloronaphthalene	1.195132	5.1			20	
2-Chlorophenol	0.741341	9.2			20	
4-Chlorophenylphenylether	0.673274	3.7			20	
Chrysene	0.9894152	2.3			20	
Dibenz(a,h)anthracene	0.8265728	14.2			20	
Dibenzofuran	1.647287	2.9			20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Di-n-butylphthalate	1.189496	3.5			20	
1,2-Dichlorobenzene	0.8593469	11.2			20	
1,3-Dichlorobenzene	0.9058153	11.4			20	
1,4-Dichlorobenzene	0.9320484	12.3			20	
3,3-Dichlorobenzidine	0.2767825	4.4			20	
2,4-Dichlorophenol	0.3084938	6.4			20	
Diethylphthalate	1.383886	6.8			20	
2,4-Dimethylphenol	0.2822329	7.3			20	
Dimethylphthalate	1.20661	4.8			20	
4,6-Dinitro-2-methylphenol	0.1054721	29.5	0.9895786		0.99	*
2,4-Dinitrophenol	0.1470217	39.2	0.9796978		0.99	*
2,4-Dinitrotoluene	0.468677	12.3			20	
2,6-Dinitrotoluene	0.3037903	9.1			20	
Di-n-octylphthalate	1.296163	11.3			20	
1,2-Diphenylhydrazine (as Azobenzene)	0.6045649	4.7			20	
Fluoranthene	1.022246	3.3			20	
Fluorene	1.417976	3.2			20	
Hexachlorobenzene	0.2205258	4.8			20	
Hexachlorobutadiene	0.2213904	3.8			20	
Hexachlorocyclopentadiene	0.3242282	15.0			20	
Hexachloroethane	0.3647241	9.3			20	
Indeno(1,2,3-cd)pyrene	0.8148271	12.8			20	
Isophorone	0.6509668	6.2			20	
1-Methylnaphthalene	0.6349624	6.5			20	
2-Methylnaphthalene	0.7252002	6.0			20	
2-Methylphenol	0.6600198	10.4			20	
3/4-Methylphenol	0.7648486	8.5			20	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200012	Instrument:	GCMSSV4
		Calibration Date:	1/23/2012 7:50:52AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Naphthalene	0.9943327	4.2			20	
2-Nitroaniline	0.3376537	7.7			20	
3-Nitroaniline	0.3209003	7.7			20	
4-Nitroaniline	0.3472303	10.1			20	
Nitrobenzene	0.3836382	2.9			20	
2-Nitrophenol	0.1822205	11.4			20	
4-Nitrophenol	0.2209015	15.8	0.9944758		0.99	
N-Nitrosodimethylamine	0.3504712	9.2			20	
N-Nitrosodiphenylamine	0.3786018	5.1			20	
N-Nitrosodi-n-propylamine	0.4672609	10.5			20	
Pentachloronitrobenzene	3.620804E-02	13.3			20	
Pentachlorophenol	0.1361409	19.3			20	
Phenanthrene	0.9824917	2.6			20	
Phenol	0.9808553	11.9			20	
Pyrene	1.293016	8.1			20	
Pyridine	0.6287083	17.6			20	
1,2,4,5-Tetrachlorobenzene	0.5509338	3.3			20	
1,2,4-Trichlorobenzene	0.3568908	4.1			20	
2,4,5-Trichlorophenol	0.3890181	6.1			20	
2,4,6-Trichlorophenol	0.3612706	7.5			20	
2-Fluorophenol	0.6608912	7.8			20	
Phenol-d6	0.8380514	10.0			20	
Nitrobenzene-d5	0.3756518	5.4			20	
2-Fluorobiphenyl	1.108396	4.3			20	
2,4,6-Tribromophenol	0.2006818	13.6			20	
Terphenyl-d14	0.770947	10.5			20	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL CALIBRATION STANDARDS

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001767	Instrument:	GCMSSV4
Calibration:	1200012		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111319	DFTPP Tuning standard - 50ng	S001767-TUN1	D012301.D	01/23/12 07:50
1201060	SEMI BNA Calibration Standard 1	S001767-CAL1	D012303a.D	01/23/12 09:24
1201063	SEMI BNA Calibration Standard 4	S001767-CAL4	D012306.D	01/23/12 10:50
1201064	SEMI BNA Calibration Standard 5	S001767-CAL5	D012307.D	01/23/12 11:18
1201067	SEMI BNA Calibration Standard 6	S001767-CAL6	D012308.D	01/23/12 11:45
1201066	SEMI BNA Calibration Standard 7	S001767-CAL7	D012309.D	01/23/12 12:12
1201061	SEMI BNA Calibration Standard 2	S001767-CAL2	D012310.D	01/23/12 12:40
1201062	SEMI BNA Calibration Standard 3	S001767-CAL3	D012311.D	01/23/12 13:06

Response Factor Report GCMSSV4

Method Path : O:\METHODS\
Method File : BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
Last Update : Thu Feb 09 14:23:35 2012
Response Via : Initial Calibration

344

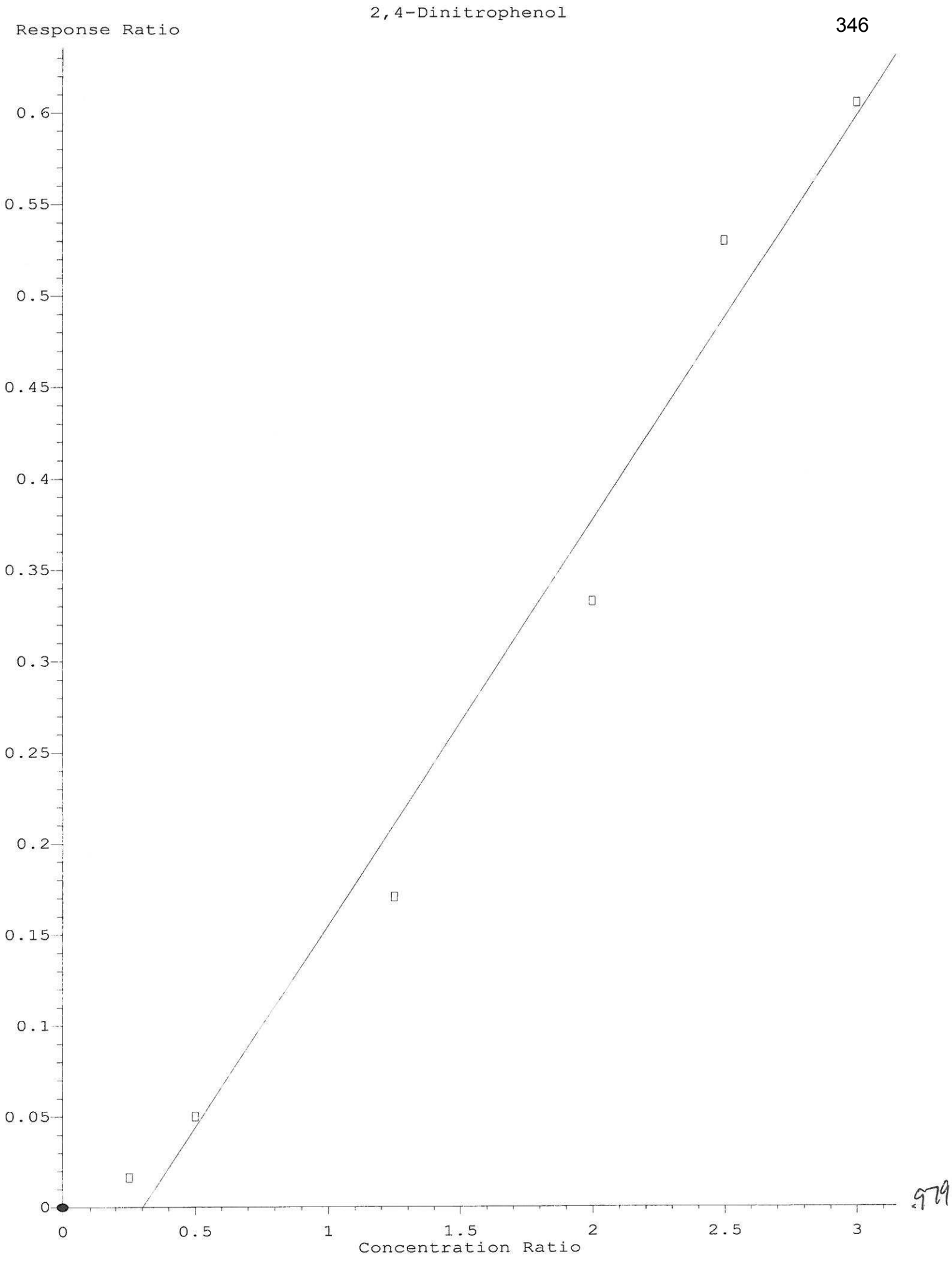
Calibration Files
5 =D012303a.D 10 =D012310.D 20 =D012311.D 50 =D020909.D 80 =D012307.D 100 =D012308.D 120 =D012309.D

		Compound	5	10	20	50	80	100	120	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------						
2)	S	2-Fluorophenol	0.727	0.675	0.688	0.704	0.591	0.640	0.601	0.661	7.83
3)	S	Phenol-d6	0.952	0.871	0.878	0.879	0.704	0.824	0.759	0.838	9.95
4)		N-Nitrosodimet...	0.398	0.340	0.377	0.371	0.307	0.335	0.325	0.350	9.23
5)		Pyridine	0.698	0.694	0.707	0.692	0.607	0.644	0.662	0.672	5.40
6)		Aniline	1.227	1.061	1.122	1.080	0.869	1.028	0.934	1.046	11.33
7)	C	Phenol	1.172	1.009	1.036	1.012	0.815	0.949	0.873	0.981	11.88#
8)		Bis(2-chloroet...	0.798	0.682	0.684	0.699	0.567	0.626	0.586	0.663	11.79
9)		2-Chlorophenol	0.839	0.762	0.762	0.791	0.640	0.719	0.676	0.741	9.17
10)		1,3-Dichlorobe...	1.087	0.926	0.944	0.939	0.774	0.844	0.826	0.906	11.36
11)	C	1,4-Dichlorobe...	1.145	0.954	0.959	0.965	0.795	0.865	0.840	0.932	12.33#
12)		1,2-Dichlorobe...	1.017	0.895	0.905	0.881	0.723	0.809	0.786	0.859	11.16
13)		2- METHYLPHENOL	0.767	0.661	0.712	0.670	0.579	0.657	0.574	0.660	10.40
14)		Bis(2-Chlorois...	1.072	0.901	0.900	0.906	0.727	0.775	0.731	0.859	14.41
15)		Acetophenone	1.218	1.061	1.070	1.064	0.874	1.022	0.944	1.036	10.47
16)		3/4- METHYLPHENOL	0.848	0.744	0.791	0.790	0.654	0.761		0.765	8.48
17)	P	N-Nitroso-Di-N...	0.547	0.475	0.480	0.482	0.391	0.464	0.425	0.466	10.47
18)		Hexachloroethane	0.417	0.377	0.377	0.385	0.320	0.344	0.334	0.365	9.25
19)	I	NAPHTHALENE-d8	----------	ISTD	----------						
20)	S	Nitrobenzene-d5	0.376	0.364	0.374	0.381	0.340	0.402	0.394	0.376	5.35
21)		NITROBENZENE	0.385	0.370	0.387	0.390	0.366	0.393	0.394	0.384	2.90
22)		Isophorone	0.639	0.616	0.647	0.676	0.592	0.712	0.674	0.651	6.18
23)	C	2-Nitrophenol	0.155	0.158	0.177	0.195	0.181	0.207	0.203	0.182	11.38#
24)		2,4-Dimethylph...	0.252	0.271	0.285	0.301	0.265	0.309	0.293	0.282	7.31
25)		Bis(2-Chloroet...	0.357	0.334	0.347	0.370	0.331	0.385	0.369	0.356	5.61
26)		Benzoic Acid		0.139	0.167	0.187	0.172	0.222	0.204	0.182	16.17
27)	C	2,4-Dichloroph...	0.299	0.287	0.303	0.321	0.286	0.339	0.324	0.308	6.41#
28)		1,2,4-Trichlor...	0.362	0.338	0.356	0.371	0.336	0.372	0.364	0.357	4.06
29)		Naphthalene	1.028	0.969	0.987	1.009	0.918	1.039	1.011	0.994	4.15
30)		4-Chloroaniline		0.375	0.411	0.417	0.347	0.425	0.385	0.394	7.54
31)	C	Hexachlorobuta...	0.220	0.213	0.218	0.231	0.210	0.230	0.228	0.221	3.79#
32)	C	4-Chloro-3-Met...	0.283	0.297	0.309	0.333	0.292	0.372	0.338	0.318	9.95#
33)		2-MethylNaphth...	0.732	0.703	0.715	0.737	0.650	0.791	0.747	0.725	5.95
34)		1-Methylnaphth...	0.656	0.598	0.634	0.646	0.566	0.691	0.653	0.635	6.47
35)	I	ACENAPHTHENE-D10	----------	ISTD	----------						
36)	S	2-Fluorobiphenyl	1.147	1.106	1.162	1.118	1.018	1.126	1.081	1.108	4.31
37)	S	2,4,6-Tribromo...	0.159	0.178	0.187	0.204	0.221	0.234	0.222	0.201	13.65
38)	P	Hexachlorocycl...	0.223	0.308	0.344	0.366	0.324	0.356	0.348	0.324	14.98
39)		1,2,4,5-Tetrac...	0.570	0.547	0.558	0.563	0.514	0.558	0.546	0.551	3.34
40)	C	2,4,6-Trichlor...	0.321	0.346	0.359	0.371	0.346	0.405	0.381	0.361	7.53#

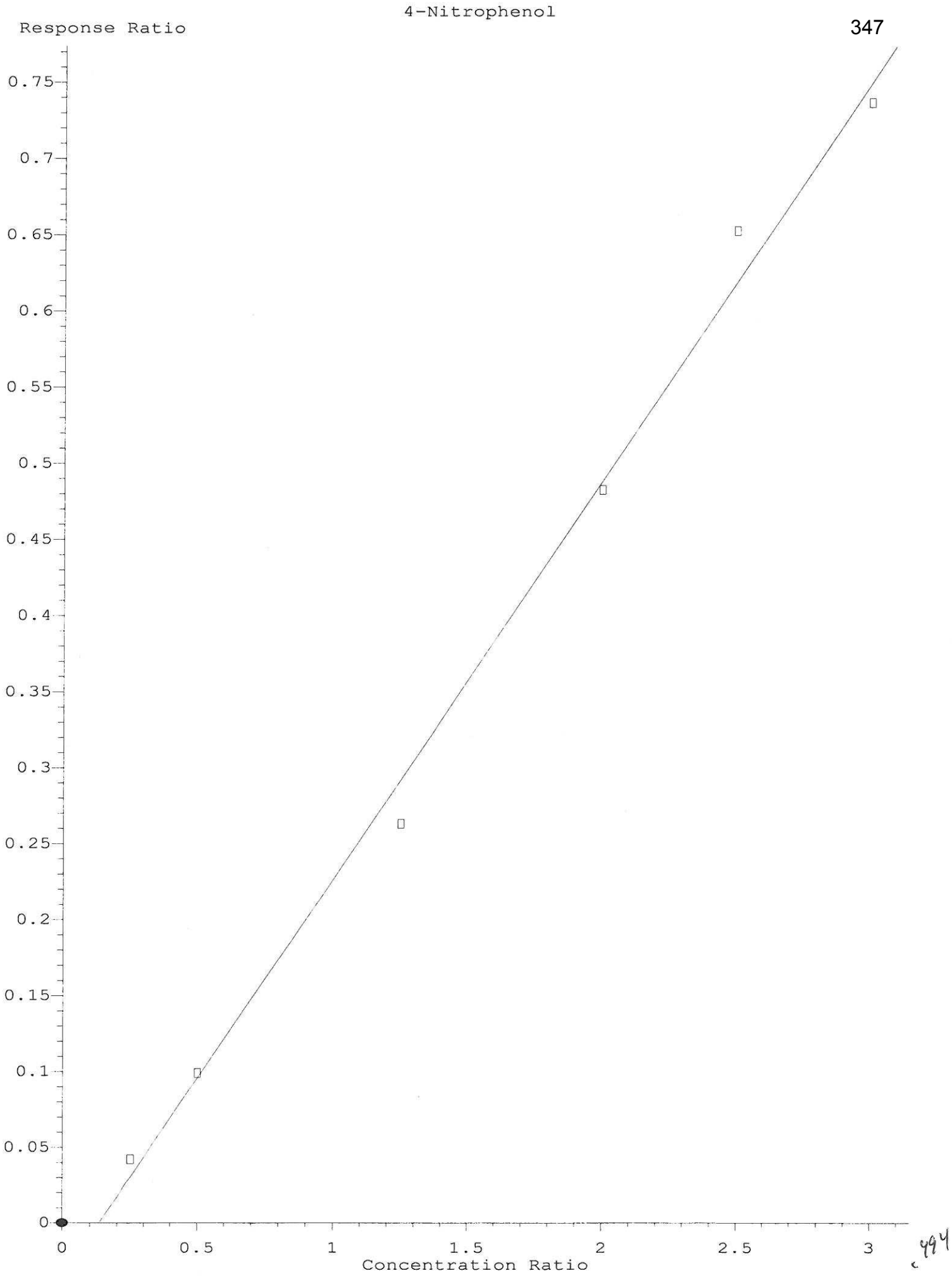
Method Path : O:\METHODS\
Method File : BND01232.M

41)		2,4,5-Trichlor...	0.352	0.378	0.398	0.407	0.373	0.423	0.392	0.389	6.06
42)		2-ChloroNaphth...	1.197	1.152	1.238	1.231	1.094	1.275	1.179	1.195	5.06
43)		2-Nitroaniline	0.295	0.317	0.338	0.354	0.337	0.376	0.347	0.338	7.73
44)		DIMETHYL PHTHA...	1.204	1.125	1.173	1.230	1.175	1.307	1.233	1.207	4.82
45)		2,6-DinitroTol...	0.267	0.275	0.287	0.316	0.317	0.342	0.322	0.304	9.06
46)		Acenaphthylene	1.710	1.704	1.723	1.728	1.617	1.792	1.684	1.708	3.08
47)		3-Nitroaniline	0.284	0.295	0.329	0.338	0.341	0.348	0.310	0.321	7.67
48)	C	Acenaphthene	1.044	1.001	1.026	1.020	0.950	1.070	1.001	1.016	3.74#
49)	P	2,4-Dinitrophenol		0.065	0.100	0.136	0.166	0.212	0.202	0.147	39.18
50)	P	4-Nitrophenol		0.168	0.198	0.211	0.241	0.261	0.246	0.221	15.78
51)		Dibenzofuran	1.690	1.622	1.642	1.648	1.585	1.726	1.617	1.647	2.87
52)		2,4-Dinitrotol...	0.390	0.408	0.444	0.472	0.532	0.534	0.501	0.469	12.28
53)		DIETHYL PHTHALATE	1.354	1.263	1.287	1.380	1.481	1.520	1.402	1.384	6.80
54)		4-Chlorophenyl...	0.687	0.639	0.661	0.674	0.665	0.719	0.668	0.673	3.70
55)		Flourene	1.462	1.362	1.394	1.408	1.407	1.497	1.396	1.418	3.24
56)		4-Nitroaniline	0.298	0.308	0.335	0.357	0.372	0.395	0.364	0.347	10.12
57)	I	PHENANTHRENE-D10	----------ISTD----------								
58)		4,6-Dinitro-2-...		0.059	0.079	0.106	0.116	0.140	0.132	0.105	29.48
59)	C	N-Nitrosodiphe...	0.378	0.361	0.369	0.401	0.355	0.405	0.380	0.379	5.06#
60)		1,2-Diphenylhy...	0.618	0.607	0.623	0.637	0.554	0.613	0.581	0.605	4.67
61)		4-Bromophenyl ...	0.180	0.179	0.183	0.190	0.173	0.194	0.183	0.183	3.80
62)		Hexachlorobenzene	0.214	0.208	0.212	0.227	0.219	0.238	0.225	0.221	4.77
63)	C	Pentachlorophenol		0.094	0.118	0.142	0.139	0.166	0.157	0.136	19.34#
64)		Pentachloronit...	0.028	0.033	0.034	0.038	0.039	0.042	0.040	0.036	13.33
65)		Phenanthrene	0.991	0.998	0.987	0.989	0.932	1.010	0.971	0.982	2.59
66)		Anthracene	0.961	0.984	0.995	0.998	0.927	1.023	0.978	0.981	3.11
67)		Carbazole	0.854	0.882	0.874	0.884	0.817	0.907	0.865	0.869	3.25
68)		Di-N-Butyl Pht...	1.126	1.162	1.177	1.242	1.204	1.238	1.178	1.189	3.50
69)	C	Flouranthene	0.976	1.036	1.050	1.048	0.976	1.055	1.015	1.022	3.34#
70)	I	CHRYSENE-D12	----------ISTD----------								
71)	S	Terphenyl-d14		0.677	0.700	0.782	0.829	0.879	0.836	0.784	10.26
72)		Benzidine	0.296	0.326	0.415	0.375	0.273	0.286		0.329	17.08
73)		Pyrene	1.235	1.172	1.178	1.284	1.388	1.443	1.351	1.293	8.11
74)		Butylbenzyl ph...	0.448	0.465	0.498	0.530	0.520	0.546	0.530	0.505	7.21
75)		3,3'-Dichlorob...	0.272	0.268	0.284	0.267	0.265	0.296	0.287	0.277	4.35
76)		Benzo(a)anthra...	1.024	1.002	1.017	1.037	0.994	1.060	1.031	1.023	2.15
77)		Chrysene	0.992	0.980	0.986	1.002	0.949	1.022	0.995	0.989	2.26
78)		Bis(2-ethylhex...	0.612	0.632	0.635	0.649	0.633	0.688	0.680	0.647	4.25
79)	I	PERYLENE-D12	----------ISTD----------								
80)	C	Di-n-octylphth...	1.070	1.148	1.239	1.373	1.457	1.421	1.365	1.296	11.28#
81)		Benzo(b)fluora...	1.052	1.145	1.153	1.198	1.202	1.275	1.268	1.185	6.51
82)		Benzo(k)fluora...	1.101	1.141	1.118	1.174	1.166	1.162	1.132	1.142	2.37
83)	C	Benzo(a)pyrene	0.979	1.028	1.007	1.073	1.047	1.129	1.108	1.053	5.13#
84)		Indeno(1,2,3-c...	0.657	0.753	0.757	0.815	0.834	0.953	0.934	0.815	12.83
85)		Dibenz(a,h)ant...	0.659	0.748	0.759	0.837	0.837	0.993	0.953	0.827	14.20
86)		Benzo(g,h,i)pe...	0.754	0.841	0.822	0.884	0.890	1.005	0.943	0.877	9.34

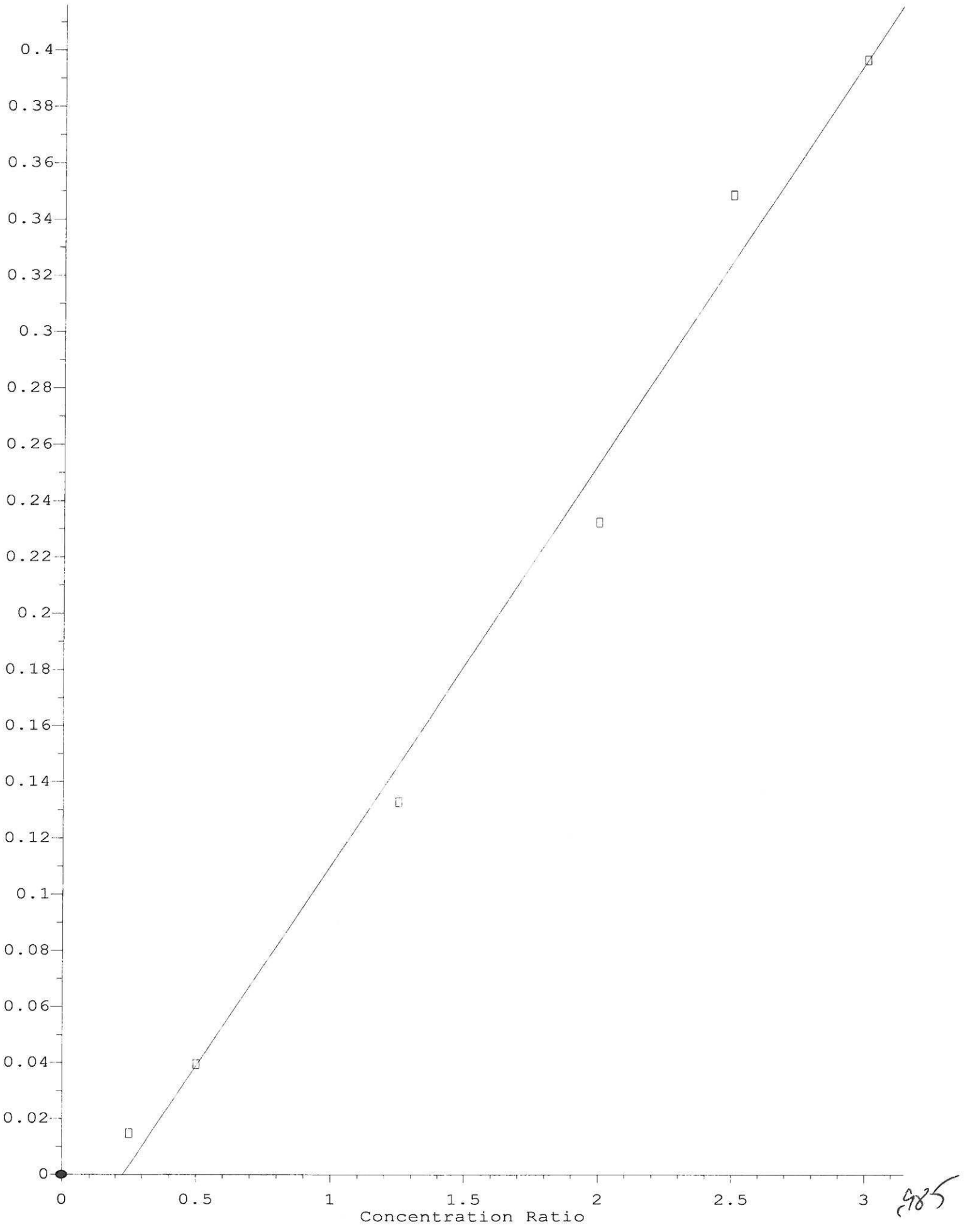
(#) = Out of Range


2,4-Dinitrophenol
Response Ratio
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
Concentration Ratio

.979


4-Nitrophenol
Response Ratio
0.75
0.7
0.65
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
0.5
1
1.5
2
2.5
3
Concentration Ratio

4,6-Dinitro-2-Methylphenol



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	59034	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.708	136	154567	40.00	ug/ml		0.00
35) ACENAPHTHENE-D10	7.641	164	105086	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.012	188	244062	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	15.001	240	201585	40.00	ug/ml		0.00
79) PERYLENE-D12	17.509	264	169937	40.00	ug/ml		0.03
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	5364	5.50	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	2.75%#			
3) Phenol-d6	4.446	99	7023	5.68	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	2.84%#			
20) Nitrobenzene-d5	5.133	82	7266	5.01	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.01%#			
36) 2-Fluorobiphenyl	6.786	172	15065	5.17	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.17%#			
37) 2,4,6-Tribromophenol	8.834	330	2085	3.95	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	1.98%#			
71) Terphenyl-d14	13.074	244	17475	4.42	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	4.42%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.822	42	2935	5.67	ug/ml	#	61
5) Pyridine	1.931	79	5149m	5.43	ug/ml		
6) Aniline	4.464	93	9053	5.87	ug/ml	#	45
7) Phenol	4.458	94	8648	5.97	ug/ml	#	35
8) Bis(2-chloroethyl)ether	4.520	93	5885	6.01	ug/ml		91
9) 2-Chlorophenol	4.554	128	6188	5.66	ug/ml		94
10) 1,3-Dichlorobenzene	4.673	146	8024	6.00	ug/ml		99
11) 1,4-Dichlorobenzene	4.728	146	8448	6.14	ug/ml		96
12) 1,2-Dichlorobenzene	4.843	146	7503	5.92	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	5661	5.81	ug/ml		90
14) Bis(2-Chloroisopropyl)...	4.927	45	7913	6.09	ug/ml		96
15) Acetophenone	5.018	105	8988	5.79	ug/ml		91
16) 3/4- METHYLPHENOL	5.027	107	12521	11.08	ug/ml	#	83
17) N-Nitroso-Di-N-Propyla...	5.024	70	4728	6.87	ug/ml	#	90
18) Hexachloroethane	5.095	117	3077	5.72	ug/ml		95
21) NITROBENZENE	5.145	77	7441	5.02	ug/ml		95
22) Isophorone	5.331	82	12347	4.91	ug/ml		95
23) 2-Nitrophenol	5.394	139	2986	4.24	ug/ml		90
24) 2,4-Dimethylphenol	5.428	122	4868	4.46	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.502	93	6906	5.02	ug/ml	#	94
26) Benzoic Acid	5.471	122	1884	2.68	ug/ml		87
27) 2,4-Dichlorophenol	5.586	162	5770	4.84	ug/ml		99
28) 1,2,4-Trichlorobenzene	5.658	180	7000	5.08	ug/ml		100
29) Naphthalene	5.726	128	19860	5.17	ug/ml		99
30) 4-Chloroaniline	5.773	127	7310	4.81	ug/ml		94
31) Hexachlorobutadiene	5.838	225	4256	4.97	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.220	107	5466	4.45	ug/ml		97
33) 2-MethylNaphthalene	6.382	142	14151	5.05	ug/ml		95
34) 1-Methylnaphthalene	6.485	142	12676	5.17	ug/ml		94
38) Hexachlorocyclopentadiene	6.556	237	2933	3.44	ug/ml	#	97
39) 1,2,4,5-Tetrachloroben...	6.562	216	7491	5.18	ug/ml		100

CHECKED BY: BRIAN AGUILAR JAN 23 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration

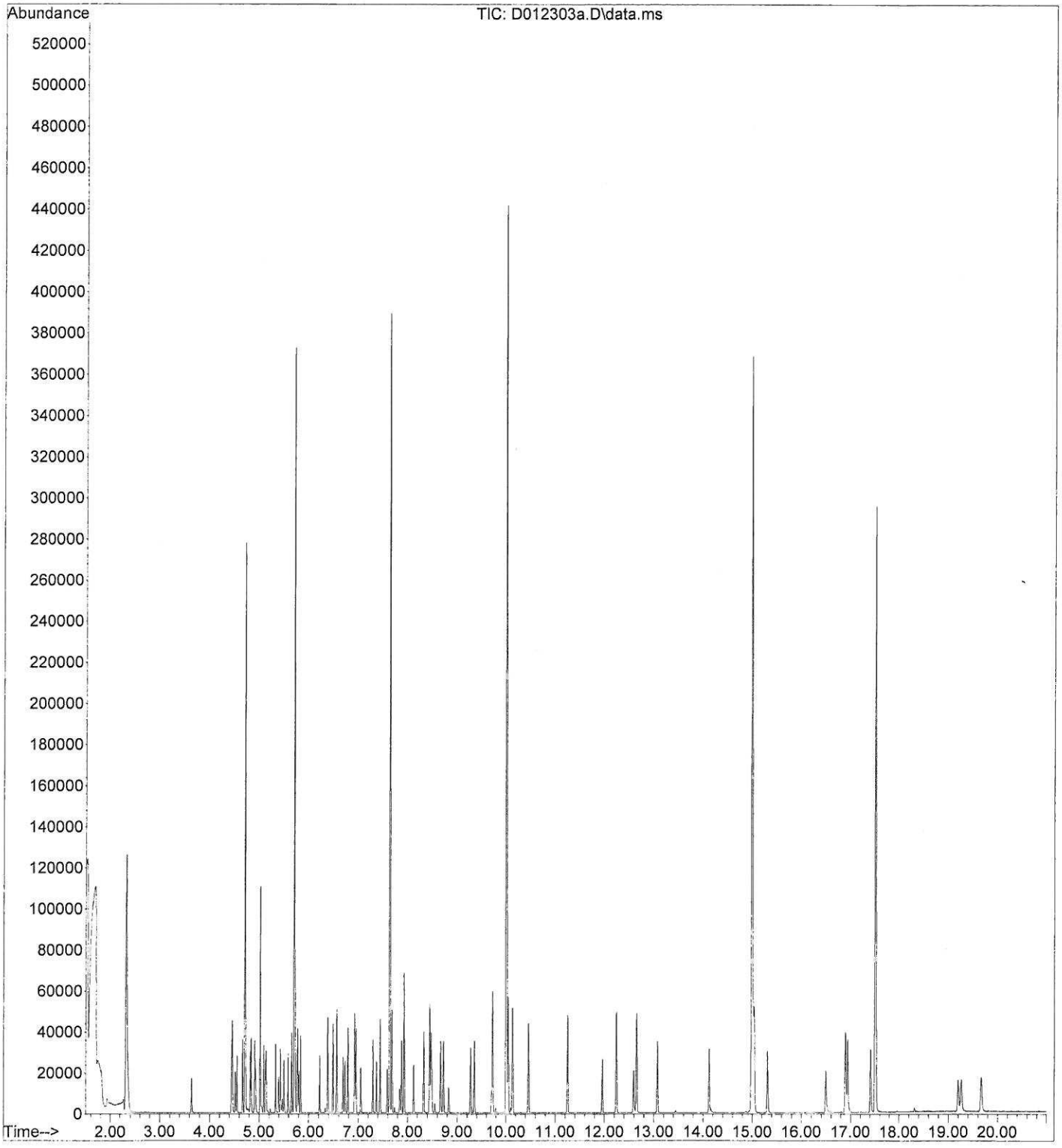
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	4218	4.44	ug/ml	99
41) 2,4,5-Trichlorophenol	6.727	196	4620	4.52	ug/ml	96
42) 2-ChloroNaphthalene	6.923	162	15719	5.01	ug/ml	98
43) 2-Nitroaniline	7.050	65	3872	4.36	ug/ml	86
44) DIMETHYL PHTHALATE	7.296	163	15816	4.99	ug/ml#	82
45) 2,6-DinitroToluene	7.367	165	3509	4.40	ug/ml#	82
46) Acenaphthylene	7.445	152	22465	5.01	ug/ml	100
47) 3-Nitroaniline	7.591	138	3733	4.43	ug/ml	90
48) Acenaphthene	7.684	154	13714	5.14	ug/ml	99
49) 2,4-Dinitrophenol	7.737	184	534 LR	13.02	ug/ml# pee 10	53
50) 4-Nitrophenol	7.846	109	1830 LR	8.02	ug/ml# pee 10	80
51) Dibenzofuran	7.933	168	22204	5.13	ug/ml	96
52) 2,4-Dinitrotoluene	7.930	165	5118	4.16	ug/ml#	79
53) DIETHYL PHTHALATE	8.331	149	17789	4.89	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.477	204	9025	5.10	ug/ml	99
55) Flourene	8.449	166	19199	5.15	ug/ml	99
56) 4-Nitroaniline	8.492	138	3912	4.29	ug/ml#	64
58) 4,6-Dinitro-2-Methylph...	8.551	198	1146 LR	10.44	ug/ml pee 10	90
59) N-Nitrosodiphenylamine	8.666	169	11537	4.99	ug/ml	98
60) 1,2-Diphenylhydrazine	8.722	77	18841	5.11	ug/ml	93
61) 4-Bromophenyl phenyl e...	9.273	248	5491	4.91	ug/ml	97
62) Hexachlorobenzene	9.350	284	6536	4.86	ug/ml	93
63) Pentachlorophenol	9.701	266	2459	2.96	ug/ml	91
64) Pentachloronitrobenzene	9.729	295	844	3.82	ug/ml#	45
65) Phenanthrene	10.050	178	30219	5.04	ug/ml	100
66) Anthracene	10.137	178	29324	4.90	ug/ml	100
67) Carbazole	10.463	167	26040	4.91	ug/ml	100
68) Di-N-Butyl Phthalate	11.252	149	34351	4.73	ug/ml	99
69) Flouranthene	12.244	202	29781	4.77	ug/ml#	96
72) Benzidine	12.595	184	14931	9.02	ug/ml#	95
73) Pyrene	12.660	202	31125	4.78	ug/ml	99
74) Butylbenzyl phthalate	14.121	149	11298	4.43	ug/ml	93
75) 3,3'-Dichlorobenzidine	15.029	252	13707	9.83	ug/ml	99
76) Benzo(a)anthracene	14.985	228	25811	5.00	ug/ml	99
77) Chrysene	15.047	228	24987	5.01	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.312	149	15428	4.73	ug/ml#	93
80) Di-n-octylphthalate	16.490	149	22734	4.13	ug/ml#	99
81) Benzo(b)fluoranthene	16.894	252	22348	4.44	ug/ml	97
82) Benzo(k)fluoranthene	16.937	252	23385	4.81	ug/ml	98
83) Benzo(a)pyrene	17.410	252	20788	4.65	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.200	276	13963	4.03	ug/ml	96
85) Dibenz(a,h)anthracene	19.259	278	14006	3.99	ug/ml	94
86) Benzo(g,h,i)perylene	19.666	276	16019	4.30	ug/ml#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

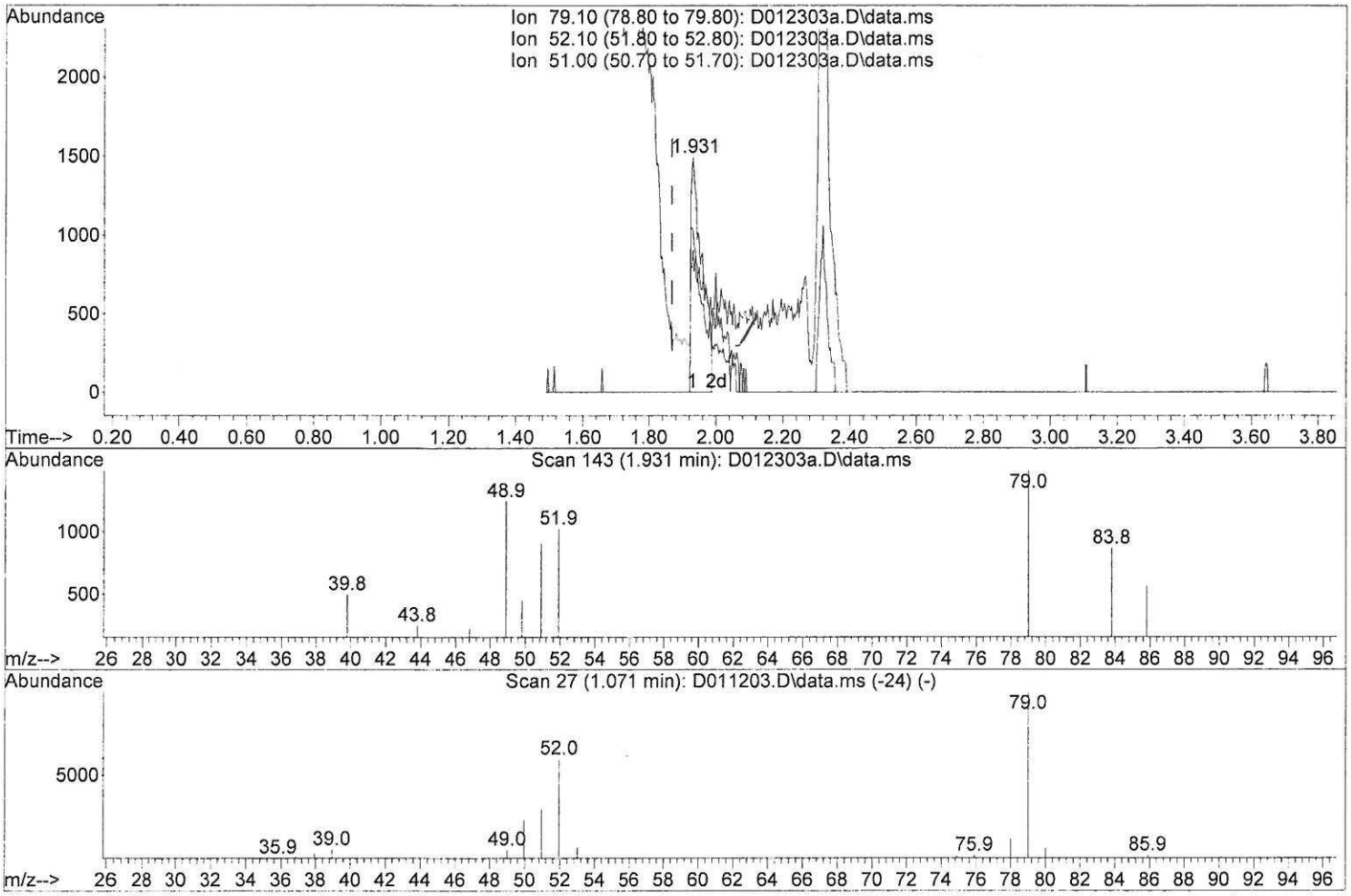
Quant Time: Jan 23 14:50:01 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 23 14:47:23 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration



TIC: D012303a.D\data.ms

(5) Pyridine

1.931min (+0.062) 3.67 ug/ml

response 3484

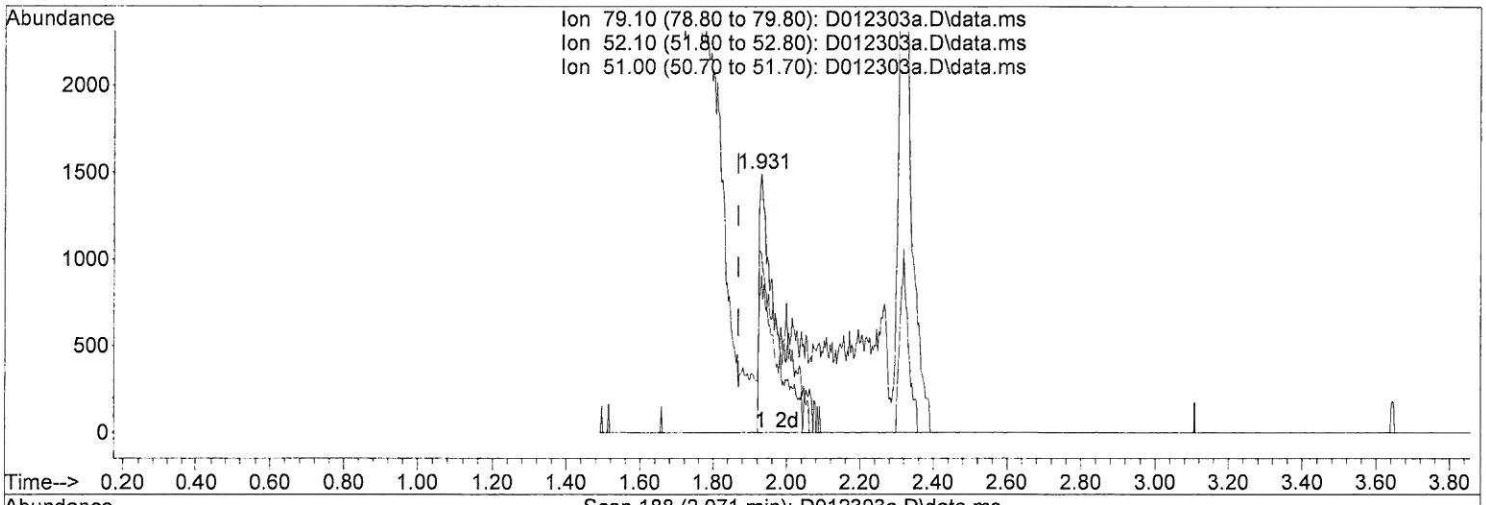
Ion	Exp%	Act%
79.10	100	100
52.10	64.80	65.47
51.00	29.60	0.00#
0.00	0.00	0.00

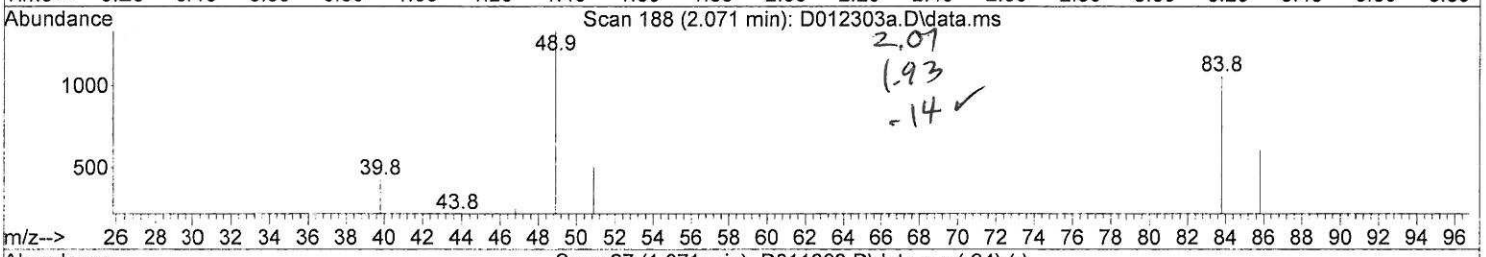
3

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012303a.D
Acq On : 23 Jan 2012 9:24 am
Operator : BGL
Sample : 8270STD 5 ppm 011912 Inst : GCMSSV4
Misc :
ALS Vial : 3 Sample Multiplier: 1

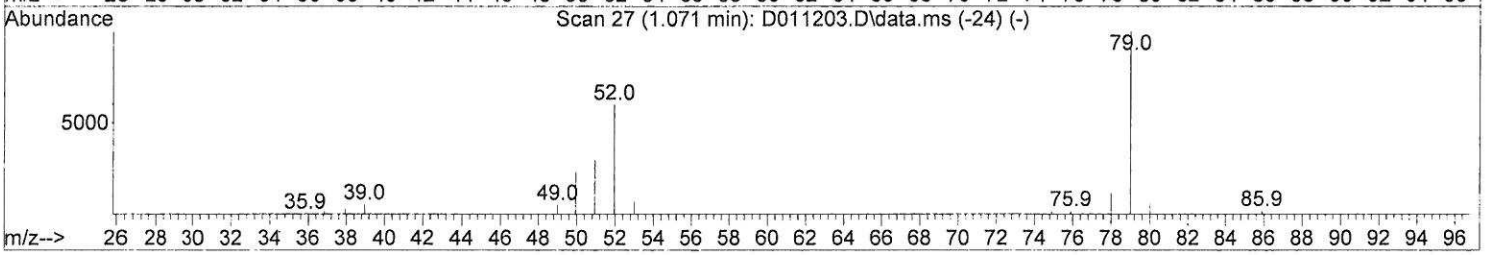
Quant Time: Jan 23 14:47:23 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:42:25 2012
Response via : Initial Calibration





2.07
1.93
-.14 ✓

4



TIC: D012303a.D\data.ms

(5) Pyridine

1.931min (+0.062) 5.43 ug/ml m

response 5149

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	44.30#
51.00	29.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.713	150	55314	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.705	136	130310	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.638	164	84604	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.003	188	192652	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.979	240	176323	40.00	ug/ml		-0.01
79) PERYLENE-D12	17.469	264	142931	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	9337	9.92	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	4.96%#			
3) Phenol-d6	4.446	99	12042	10.07	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	5.04%#			
20) Nitrobenzene-d5	5.130	82	11857	9.52	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	9.52%#			
36) 2-Fluorobiphenyl	6.786	172	23398	9.89	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	9.89%#			
37) 2,4,6-Tribromophenol	8.828	330	3759	8.99	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	4.50%#			
71) Terphenyl-d14	13.058	244	29825	8.49	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	8.49%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.819	42	4708	9.25	ug/ml	#	69
5) Pyridine	1.910	79	9602m	10.03	ug/ml		
6) Aniline	4.461	93	14666	9.80	ug/ml	#	40
7) Phenol	4.455	94	13956	9.93	ug/ml	#	29
8) Bis(2-chloroethyl)ether	4.520	93	9430	9.90	ug/ml		91
9) 2-Chlorophenol	4.555	128	10534	9.95	ug/ml		97
10) 1,3-Dichlorobenzene	4.670	146	12812	9.82	ug/ml		98
11) 1,4-Dichlorobenzene	4.729	146	13198	9.84	ug/ml		98
12) 1,2-Dichlorobenzene	4.840	146	12379	9.99	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	9138	9.70	ug/ml		89
14) Bis(2-Chloroisopropyl)...	4.927	45	12457	9.69	ug/ml	#	65
15) Acetophenone	5.018	105	14672	9.56	ug/ml		98
16) 3/4- METHYLPHENOL	5.024	107	20578	18.13	ug/ml	#	90
17) N-Nitroso-Di-N-Propyla...	5.021	70	7690	11.30	ug/ml	#	91
18) Hexachloroethane	5.095	117	5208	9.90	ug/ml		98
21) NITROBENZENE	5.145	77	12042	9.44	ug/ml		96
22) Isophorone	5.328	82	20068	9.26	ug/ml		94
23) 2-Nitrophenol	5.391	139	5149	8.61	ug/ml	#	92
24) 2,4-Dimethylphenol	5.425	122	8818	9.62	ug/ml		86
25) Bis(2-Chloroethoxy)met...	5.502	93	10886	9.21	ug/ml	#	96
26) Benzoic Acid	5.478	122	4521	7.87	ug/ml		96
27) 2,4-Dichlorophenol	5.586	162	9365	9.22	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	11011	9.35	ug/ml		99
29) Naphthalene	5.723	128	31572	9.62	ug/ml		98
30) 4-Chloroaniline	5.770	127	12231	9.42	ug/ml		95
31) Hexachlorobutadiene	5.838	225	6938	9.50	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.217	107	9663	9.26	ug/ml		93
33) 2-MethylNaphthalene	6.379	142	22912	9.56	ug/ml		93
34) 1-Methylnaphthalene	6.482	142	19497	9.23	ug/ml		95
38) Hexachlorocyclopentadiene	6.553	237	6517	9.71	ug/ml		98
39) 1,2,4,5-Tetrachloroben...	6.559	216	11576	9.86	ug/ml		100

20

diff/salt 40-160
70-130

CHECKED BY: BRIAN LAGUEUX JAN 23 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration

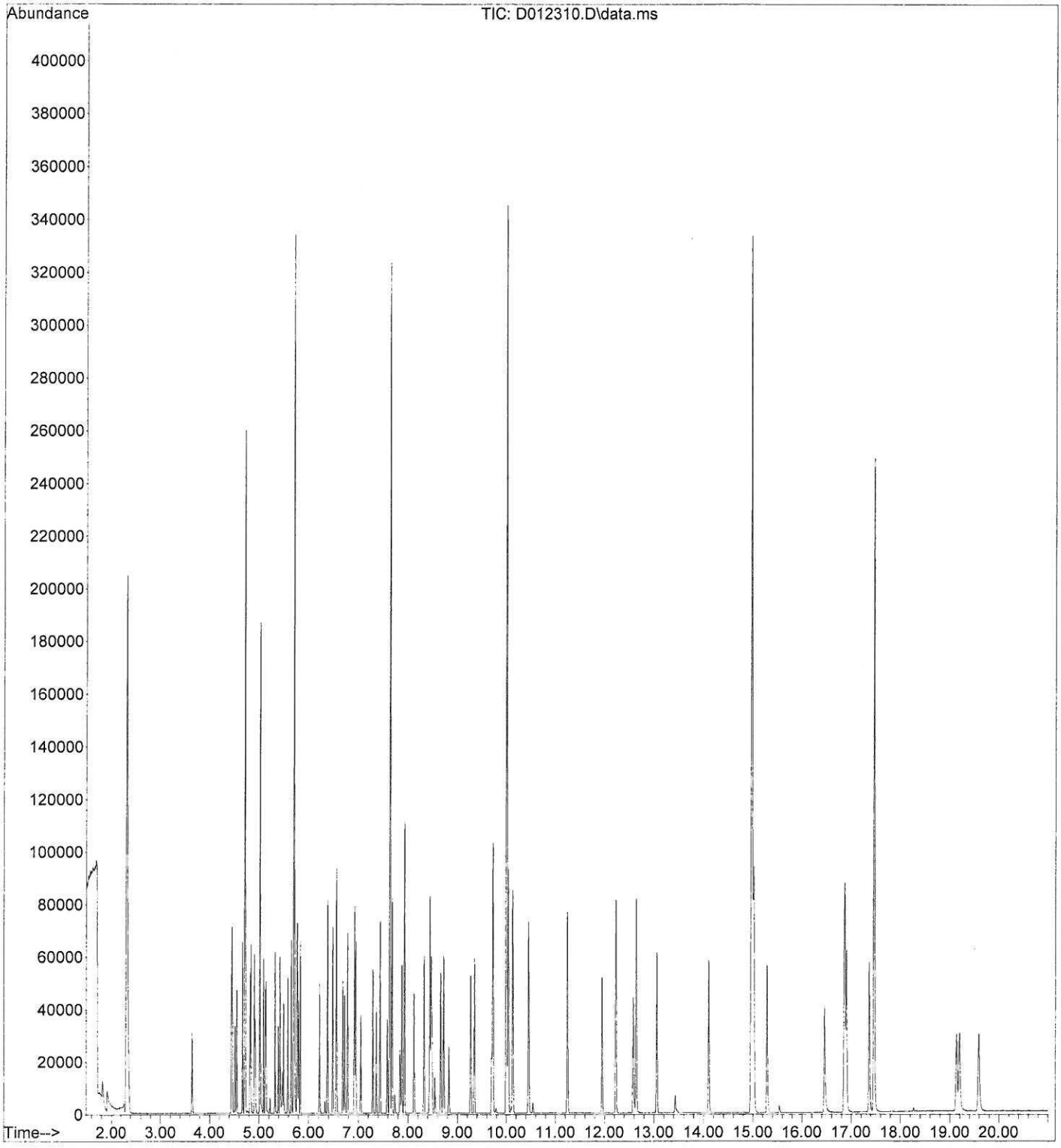
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.687	196	7328	9.62	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	7986	9.77	ug/ml	97
42) 2-ChloroNaphthalene	6.920	162	24367	9.56	ug/ml	97
43) 2-Nitroaniline	7.047	65	6710	9.38	ug/ml	86
44) DIMETHYL PHTHALATE	7.293	163	23785	9.16	ug/ml#	81
45) 2,6-DinitroToluene	7.364	165	5822	8.98	ug/ml#	86
46) Acenaphthylene	7.442	152	36031	9.90	ug/ml	99
47) 3-Nitroaniline	7.588	138	6250	9.18	ug/ml	91
48) Acenaphthene	7.681	154	21173	9.77	ug/ml	98
49) 2,4-Dinitrophenol	7.734	184	1383 LR	15.21	ug/ml#	58 40-160
50) 4-Nitrophenol	7.840	109	3558 LR	12.07	ug/ml#	77
51) Dibenzofuran	7.930	168	34309	9.79	ug/ml	96
52) 2,4-Dinitrotoluene	7.927	165	8630	8.69	ug/ml#	82
53) DIETHYL PHTHALATE	8.328	149	26714	9.00	ug/ml	97
54) 4-Chlorophenyl phenyl ...	8.471	204	13515	9.44	ug/ml	95
55) Flourene	8.443	166	28805	9.57	ug/ml	99
56) 4-Nitroaniline	8.489	138	6523	8.97	ug/ml#	66
58) 4,6-Dinitro-2-Methylph...	8.545	198	2855 LR	13.44	ug/ml#	88 40-160
59) N-Nitrosodiphenylamine	8.660	169	17409	9.35	ug/ml	99
60) 1,2-Diphenylhydrazine	8.719	77	29221	9.81	ug/ml#	92
61) 4-Bromophenyl phenyl e...	9.270	248	8636	9.62	ug/ml	95
62) Hexachlorobenzene	9.344	284	10014	9.29	ug/ml#	90
63) Pentachlorophenol	9.695	266	4551	6.99	ug/ml	96
64) Pentachloronitrobenzene	9.723	295	1587	9.15	ug/ml#	60
65) Phenanthrene	10.043	178	48085	10.11	ug/ml	100
66) Anthracene	10.130	178	47409	9.99	ug/ml	100
67) Carbazole	10.454	167	42484	10.22	ug/ml	99
68) Di-N-Butyl Phthalate	11.243	149	55955	9.80	ug/ml	99
69) Flouranthene	12.232	202	49916	10.21	ug/ml#	96
72) Benzidine	12.583	184	28783 20	20.02	ug/ml#	96
73) Pyrene	12.645	202	51679	8.96	ug/ml	100
74) Butylbenzyl phthalate	14.103	149	20519	9.15	ug/ml	96
75) 3,3'-Dichlorobenzidine	15.004	252	23591 W	19.50	ug/ml	99
76) Benzo(a)anthracene	14.960	228	44155	9.72	ug/ml	99
77) Chrysene	15.023	228	43208	9.87	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.287	149	27880	9.77	ug/ml#	94
80) Di-n-octylphthalate	16.455	149	41018	8.81	ug/ml#	99
81) Benzo(b)fluoranthene	16.856	252	40925	9.68	ug/ml	98
82) Benzo(k)fluoranthene	16.903	252	40770	9.96	ug/ml#	97
83) Benzo(a)pyrene	17.369	252	36718	9.77	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.135	276	26913	9.25	ug/ml	96
85) Dibenz(a,h)anthracene	19.194	278	26715	9.04	ug/ml	97
86) Benzo(g,h,i)perylene	19.588	276	30069	9.55	ug/ml	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

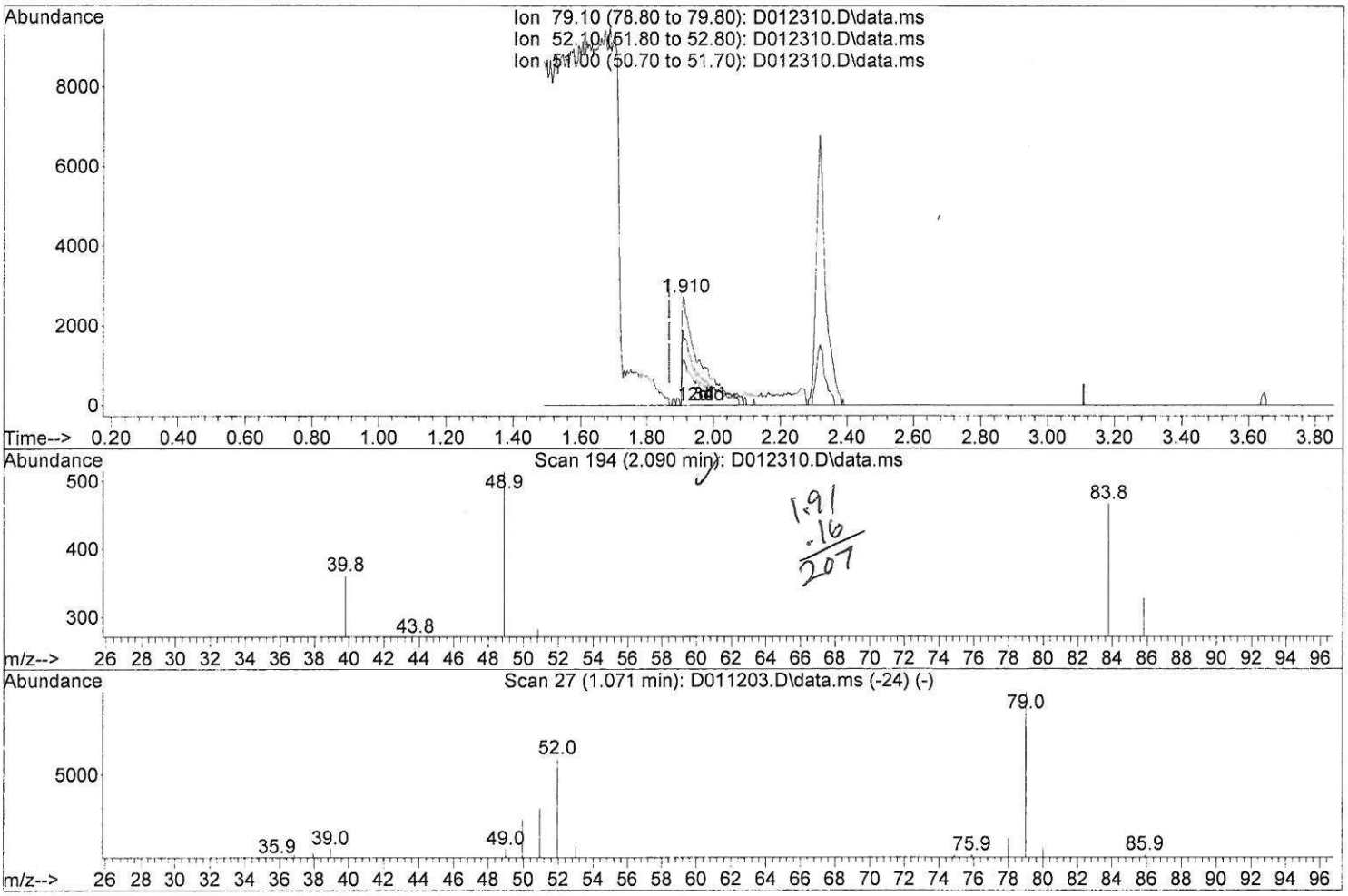
Quant Time: Jan 23 14:58:52 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012310.D
Acq On : 23 Jan 2012 12:40 pm
Operator : BGL
Sample : 8270std 10 ppm reprp Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 23 14:58:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 14:56:15 2012
Response via : Initial Calibration



TIC: D012310.D\data.ms

(5) Pyridine

1.910min (+0.041) 10.03 ug/ml m

response 9602

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	37.11#
51.00	29.60	22.58#
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	65603	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.705	136	152418	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.638	164	99370	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.006	188	224461	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.982	240	205503	40.00	ug/ml		0.00
79) PERYLENE-D12	17.475	264	149939	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.644	112	22563	20.82	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	10.41%#			
3) Phenol-d6	4.446	99	28792	20.95	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	10.48%#			
20) Nitrobenzene-d5	5.130	82	28466	19.89	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	19.89%#			
36) 2-Fluorobiphenyl	6.786	172	57718	20.96	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	20.96%#			
37) 2,4,6-Tribromophenol	8.828	330	9271	18.60	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	9.30%#			
71) Terphenyl-d14	13.061	244	71931	17.86	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	17.86%#			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.823	42	12380	21.54	ug/ml	#	63
5) Pyridine	1.891	79	23195	20.95	ug/ml	#	92
6) Aniline	4.464	93	36800	21.46	ug/ml	#	41
7) Phenol	4.455	94	33975	21.12	ug/ml	#	27
8) Bis(2-chloroethyl)ether	4.520	93	22422	20.62	ug/ml		89
9) 2-Chlorophenol	4.555	128	25006	20.57	ug/ml		96
10) 1,3-Dichlorobenzene	4.670	146	30975	20.85	ug/ml		99
11) 1,4-Dichlorobenzene	4.729	146	31469	20.59	ug/ml		98
12) 1,2-Dichlorobenzene	4.841	146	29678	21.06	ug/ml		96
13) 2- METHYLPHENOL	4.912	108	23370	21.59	ug/ml		93
14) Bis(2-Chloroisopropyl)...	4.928	45	29532	20.45	ug/ml	#	63
15) Acetophenone	5.018	105	35087	20.35	ug/ml		98
16) 3/4- METHYLPHENOL	5.024	107	51916	41.35	ug/ml		93
17) N-Nitroso-Di-N-Propyla...	5.024	70	18434	24.11	ug/ml		90
18) Hexachloroethane	5.095	117	12363	20.67	ug/ml		97
21) NITROBENZENE	5.145	77	29521	20.19	ug/ml		95
22) Isophorone	5.329	82	49330	19.89	ug/ml		95
23) 2-Nitrophenol	5.394	139	13509	19.46	ug/ml	#	91
24) 2,4-Dimethylphenol	5.428	122	21687	20.17	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.503	93	26479	19.51	ug/ml		98
26) Benzoic Acid	5.493	122	12713	18.36	ug/ml		97
27) 2,4-Dichlorophenol	5.587	162	23121	19.67	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	27100	19.93	ug/ml		99
29) Naphthalene	5.723	128	75223	19.85	ug/ml		97
30) 4-Chloroaniline	5.770	127	31326	20.89	ug/ml		95
31) Hexachlorobutadiene	5.838	225	16620	19.70	ug/ml		99
32) 4-Chloro-3-Methylphenol	6.217	107	23528	19.44	ug/ml		95
33) 2-MethylNaphthalene	6.379	142	54505	19.72	ug/ml		94
34) 1-Methylnaphthalene	6.482	142	48325	19.97	ug/ml		94
38) Hexachlorocyclopentadiene	6.553	237	17080	21.21	ug/ml		98
39) 1,2,4,5-Tetrachloroben...	6.559	216	27746	20.27	ug/ml		99

CHECKED BY: BRIAN AGUEUR JAN 23 2012

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration

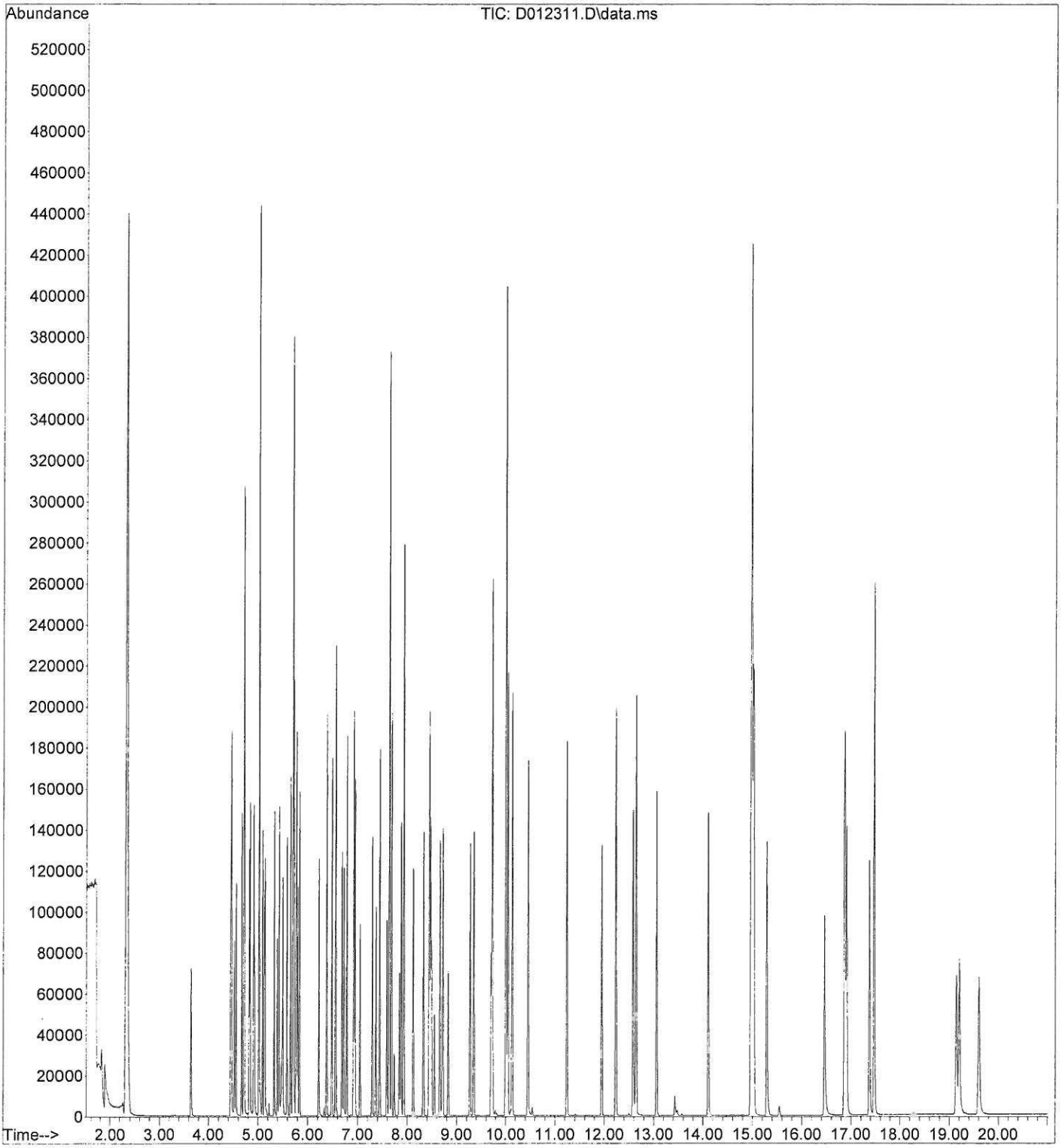
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.687	196	17832	19.87	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	19781	20.47	ug/ml	96
42) 2-ChloroNaphthalene	6.920	162	61512	20.72	ug/ml	98
43) 2-Nitroaniline	7.047	65	16773	20.00	ug/ml	86
44) DIMETHYL PHTHALATE	7.296	163	58259	19.44	ug/ml	99
45) 2,6-DinitroToluene	7.367	165	14281	18.92	ug/ml#	81
46) Acenaphthylene	7.442	152	85590	20.17	ug/ml	100
47) 3-Nitroaniline	7.588	138	16343	20.50	ug/ml	91
48) Acenaphthene	7.681	154	50981	20.20	ug/ml	99
49) 2,4-Dinitrophenol	7.737	184	4972	21.12	ug/ml#	88
50) 4-Nitrophenol	7.840	109	9839	20.48	ug/ml#	75
51) Dibenzofuran	7.930	168	81584	19.94	ug/ml	95
52) 2,4-Dinitrotoluene	7.930	165	22043	18.93	ug/ml#	84
53) DIETHYL PHTHALATE	8.331	149	63952	18.60	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.471	204	32836	19.63	ug/ml	97
55) Flourene	8.446	166	69245	19.66	ug/ml	99
56) 4-Nitroaniline	8.493	138	16668	19.32	ug/ml#	70
58) 4,6-Dinitro-2-Methylph...	8.552	198	8869	20.15	ug/ml#	87
59) N-Nitrosodiphenylamine	8.664	169	41408	19.49	ug/ml	98
60) 1,2-Diphenylhydrazine	8.723	77	69916	20.61	ug/ml#	92
61) 4-Bromophenyl phenyl e...	9.270	248	20575	20.00	ug/ml	96
62) Hexachlorobenzene	9.347	284	23766	19.21	ug/ml	92
63) Pentachlorophenol	9.699	266	13242	17.33	ug/ml	96
64) Pentachloronitrobenzene	9.730	295	3852	18.96	ug/ml#	58
65) Phenanthrene	10.047	178	110725	20.08	ug/ml	100
66) Anthracene	10.134	178	111621	20.28	ug/ml	100
67) Carbazole	10.457	167	98139	20.12	ug/ml	99
68) Di-N-Butyl Phthalate	11.246	149	132071	19.79	ug/ml	99
69) Flouranthene	12.235	202	117793	20.53	ug/ml#	96
72) Benzidine	12.586	184	85379 40	50.58	ug/ml#	96
73) Pyrene	12.648	202	121051	18.22	ug/ml	100
74) Butylbenzyl phthalate	14.106	149	51208	19.72	ug/ml	96
75) 3,3'-Dichlorobenzidine	15.010	252	58363 40	41.04	ug/ml	99
76) Benzo(a)anthracene	14.964	228	104465	19.87	ug/ml	99
77) Chrysene	15.029	228	101301	19.93	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.290	149	65276	19.63	ug/ml#	94
80) Di-n-octylphthalate	16.462	149	92891	19.12	ug/ml#	99
81) Benzo(b)fluoranthene	16.866	252	86456	19.47	ug/ml	97
82) Benzo(k)fluoranthene	16.912	252	83782	19.55	ug/ml#	95
83) Benzo(a)pyrene	17.379	252	75501	19.13	ug/ml	97
84) Indeno(1,2,3-cd)pyrene	19.144	276	56769	18.59	ug/ml	96
85) Dibenz(a,h)anthracene	19.203	278	56879	18.36	ug/ml	98
86) Benzo(g,h,i)perylene	19.601	276	61601	18.74	ug/ml	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012311.D
Acq On : 23 Jan 2012 1:06 pm
Operator : BGL
Sample : 8270std 20 ppm Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 23 15:02:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:02:37 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-D4	4.716	150	65668	40.00	ug/ml		0.00
19) NAPHTHALENE-d8	5.708	136	148926	40.00	ug/ml	#	0.00
35) ACENAPHTHENE-D10	7.641	164	103320	40.00	ug/ml		0.00
57) PHENANTHRENE-D10	10.009	188	227842	40.00	ug/ml	#	0.00
70) CHRYSENE-D12	14.992	240	191088	40.00	ug/ml		0.00
79) PERYLENE-D12	17.475	264	128424	40.00	ug/ml		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	3.647	112	57807	53.28	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	26.64%#			
3) Phenol-d6	4.449	99	72193	52.47	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	26.23%#			
20) Nitrobenzene-d5	5.133	82	70871	50.67	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.67%			
36) 2-Fluorobiphenyl	6.789	172	144449	50.45	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.45%			
37) 2,4,6-Tribromophenol	8.834	330	26351	50.84	ug/ml		0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	25.42%#			
71) Terphenyl-d14	13.068	244	186863	49.90	ug/ml		0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	49.90%			
Target Compounds							Qvalue
4) N-Nitrosodimethylamine	1.816	42	30448	52.92	ug/ml	#	66
5) Pyridine	1.869	79	56842m	51.29	ug/ml		
6) Aniline	4.464	93	88679	51.65	ug/ml	#	41
7) Phenol	4.461	94	83105	51.61	ug/ml	#	29
8) Bis(2-chloroethyl)ether	4.524	93	57388	52.72	ug/ml		91
9) 2-Chlorophenol	4.555	128	64930	53.35	ug/ml		98
10) 1,3-Dichlorobenzene	4.673	146	77043	51.81	ug/ml		99
11) 1,4-Dichlorobenzene	4.729	146	79229	51.78	ug/ml		99
12) 1,2-Dichlorobenzene	4.844	146	72330	51.27	ug/ml		96
13) 2- METHYLPHENOL	4.915	108	54979	50.74	ug/ml		87
14) Bis(2-Chloroisopropyl)...	4.931	45	74403	51.48	ug/ml		98
15) Acetophenone	5.021	105	87368	50.61	ug/ml		99
16) 3/4- METHYLPHENOL	5.030	107	129683	103.18	ug/ml		94
17) N-Nitroso-Di-N-Propyla...	5.027	70	46307	60.50	ug/ml		91
18) Hexachloroethane	5.095	117	31602	52.78	ug/ml		97
21) NITROBENZENE	5.148	77	72659	50.87	ug/ml		99
22) Isophorone	5.335	82	125829	51.92	ug/ml		95
23) 2-Nitrophenol	5.394	139	36224	53.39	ug/ml	#	89
24) 2,4-Dimethylphenol	5.431	122	56026	53.32	ug/ml		87
25) Bis(2-Chloroethoxy)met...	5.506	93	68957	51.99	ug/ml		99
26) Benzoic Acid	5.521	122	34719	51.33	ug/ml		93
27) 2,4-Dichlorophenol	5.590	162	59781	52.05	ug/ml		98
28) 1,2,4-Trichlorobenzene	5.658	180	68991	51.92	ug/ml		99
29) Naphthalene	5.726	128	187772	50.72	ug/ml		97
30) 4-Chloroaniline	5.773	127	77590	52.95	ug/ml		96
31) Hexachlorobutadiene	5.838	225	43023	52.20	ug/ml		100
32) 4-Chloro-3-Methylphenol	6.221	107	61962	52.39	ug/ml		96
33) 2-MethylNaphthalene	6.379	142	137266	50.84	ug/ml		94
34) 1-Methylnaphthalene	6.485	142	120284	50.88	ug/ml		94
38) Hexachlorocyclopentadiene	6.556	237	47260	56.43	ug/ml		99
39) 1,2,4,5-Tetrachloroben...	6.562	216	72671	51.07	ug/ml		100

CHECKED BY: BRIAN LACBEUX 1/24/2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration

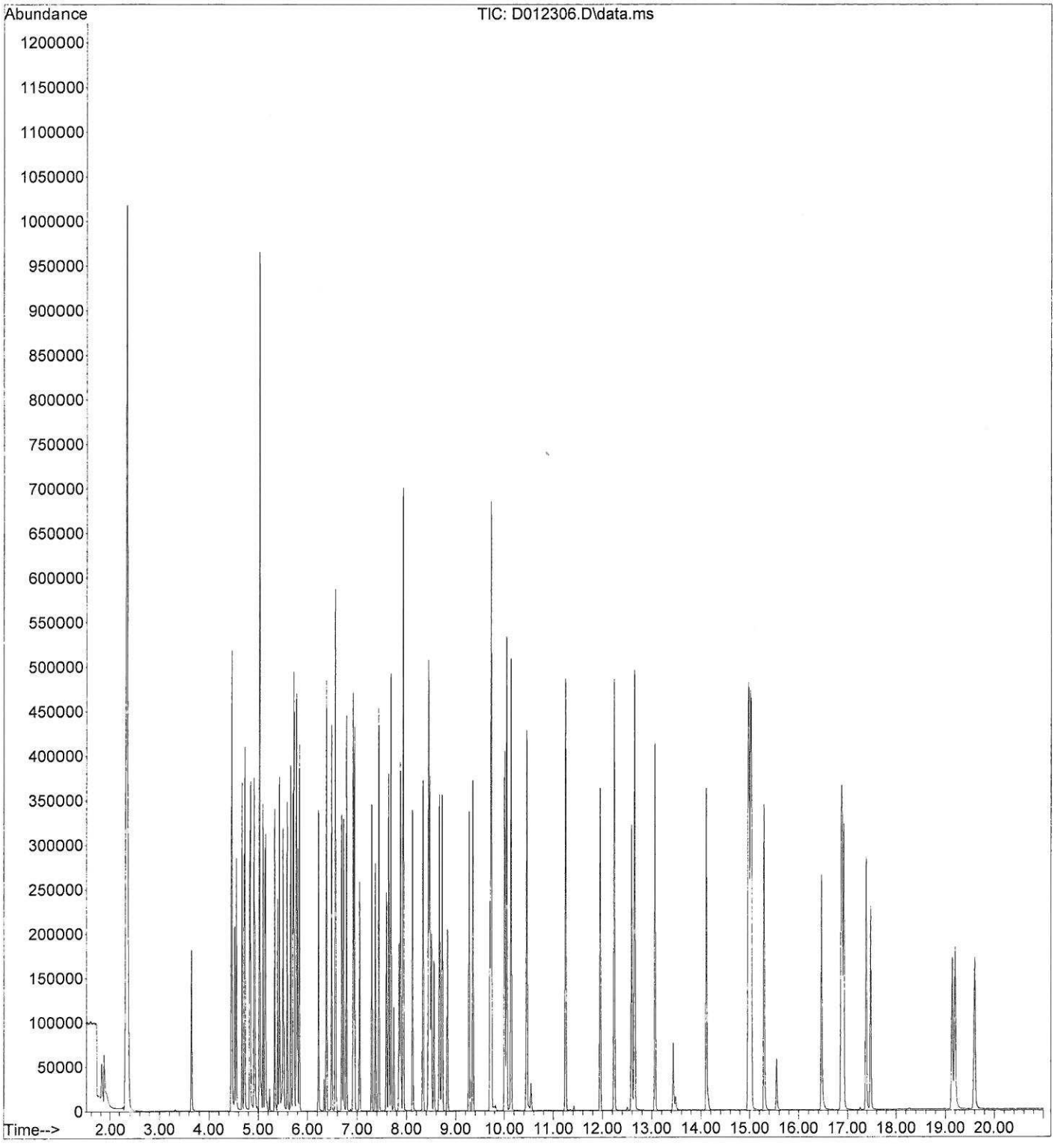
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	47972	51.41	ug/ml	99
41) 2,4,5-Trichlorophenol	6.724	196	52618	52.36	ug/ml	95
42) 2-ChloroNaphthalene	6.923	162	159015	51.51	ug/ml	98
43) 2-Nitroaniline	7.054	65	45734	52.44	ug/ml	87
44) DIMETHYL PHTHALATE	7.302	163	158844	50.97	ug/ml	98
45) 2,6-DinitroToluene	7.374	165	40805	52.00	ug/ml#	85
46) Acenaphthylene	7.445	152	223189	50.58	ug/ml	100
47) 3-Nitroaniline	7.597	138	43665	52.68	ug/ml	91
48) Acenaphthene	7.688	154	131765	50.20	ug/ml	99
49) 2,4-Dinitrophenol	7.744	184	17623	42.85	ug/ml#	84
50) 4-Nitrophenol	7.852	109	27204	45.57	ug/ml#	77
51) Dibenzofuran	7.933	168	212850	50.02	ug/ml	94
52) 2,4-Dinitrotoluene	7.936	165	61022	50.41	ug/ml	88
53) DIETHYL PHTHALATE	8.337	149	178209	49.85	ug/ml	98
54) 4-Chlorophenyl phenyl ...	8.474	204	87012	50.03	ug/ml	98
55) Flourene	8.449	166	181888	49.66	ug/ml	99
56) 4-Nitroaniline	8.508	138	46139	51.44	ug/ml#	75
58) 4,6-Dinitro-2-Methylph...	8.561	198	30295	46.23	ug/ml#	88
59) N-Nitrosodiphenylamine	8.670	169	114348	53.02	ug/ml	99
60) 1,2-Diphenylhydrazine	8.726	77	181481	52.70	ug/ml#	93
61) 4-Bromophenyl phenyl e...	9.273	248	54116	51.82	ug/ml	95
62) Hexachlorobenzene	9.354	284	64699	51.51	ug/ml	92
63) Pentachlorophenol	9.702	266	40466	52.18	ug/ml	97
64) Pentachloronitrobenzene	9.736	295	10872	52.71	ug/ml#	63
65) Phenanthrene	10.050	178	281786	50.35	ug/ml	100
66) Anthracene	10.143	178	284143	50.86	ug/ml	100
67) Carbazole	10.463	167	251656	50.84	ug/ml	99
68) Di-N-Butyl Phthalate	11.249	149	353610	52.19	ug/ml	99
69) Flouranthene	12.241	202	298346	51.24	ug/ml#	96
72) Benzidine	12.592	184	179170 (LCC)	114.15	ug/ml	98
73) Pyrene	12.657	202	306720	49.66	ug/ml	100
74) Butylbenzyl phthalate	14.112	149	126699	52.47	ug/ml	97
75) 3,3'-Dichlorobenzidine	15.020	252	127362 (LCC)	96.32	ug/ml	99
76) Benzo(a)anthracene	14.973	228	247597	50.65	ug/ml	99
77) Chrysene	15.041	228	239304	50.63	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	15.293	149	154928	50.11	ug/ml#	96
80) Di-n-octylphthalate	16.465	149	220446	52.97	ug/ml	99
81) Benzo(b)fluoranthene	16.872	252	192266	50.55	ug/ml	98
82) Benzo(k)fluoranthene	16.925	252	188493	51.35	ug/ml#	95
83) Benzo(a)pyrene	17.382	252	172200	50.94	ug/ml#	97
84) Indeno(1,2,3-cd)pyrene	19.144	276	130867	50.02	ug/ml	96
85) Dibenz(a,h)anthracene	19.200	278	134366	50.63	ug/ml	97
86) Benzo(g,h,i)perylene	19.601	276	141899	50.39	ug/ml	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

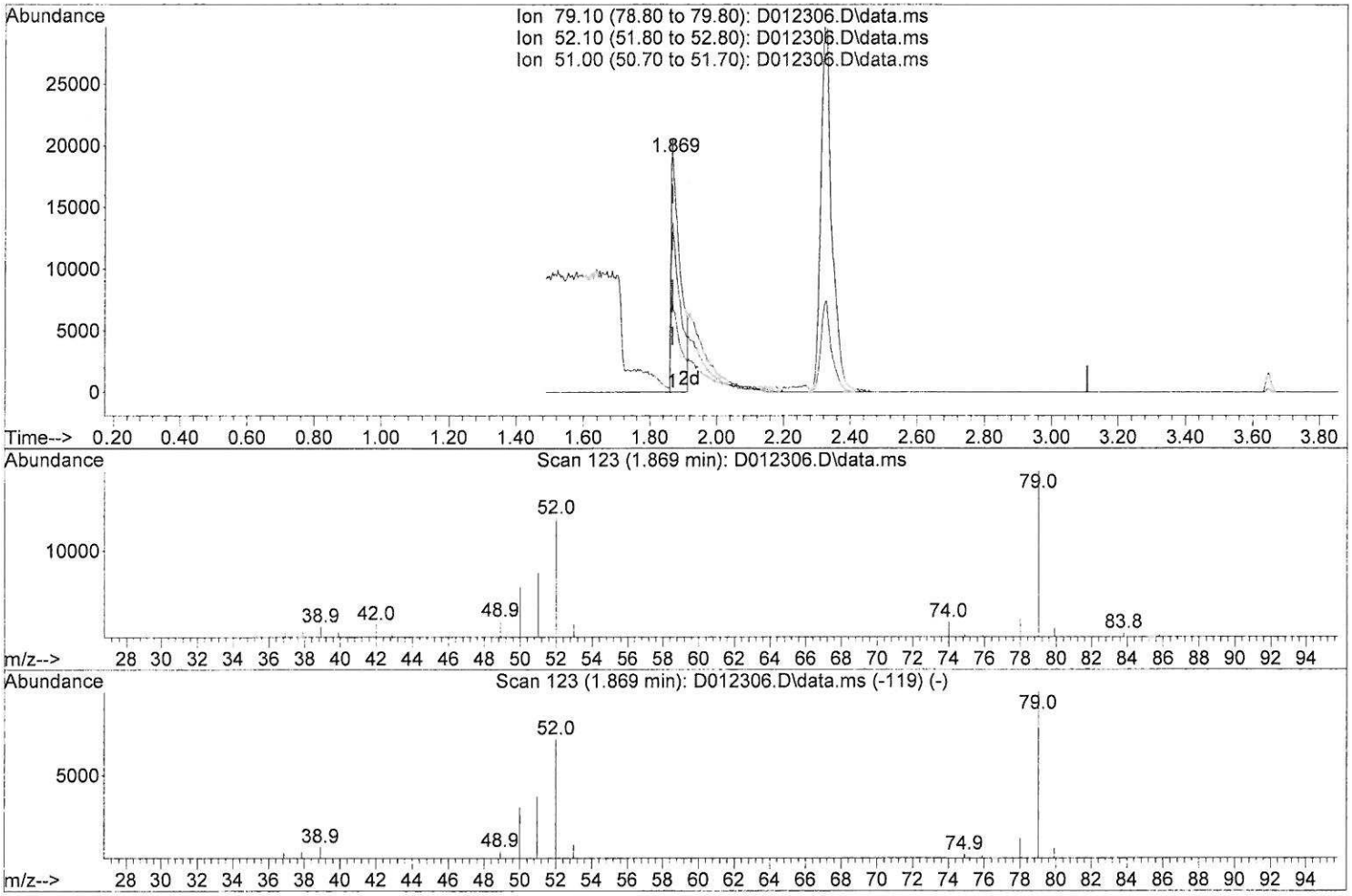
Quant Time: Jan 23 15:07:24 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:05:08 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



3

TIC: D012306.D\data.ms

(5) Pyridine

1.869min (+0.000) 32.60 ug/ml

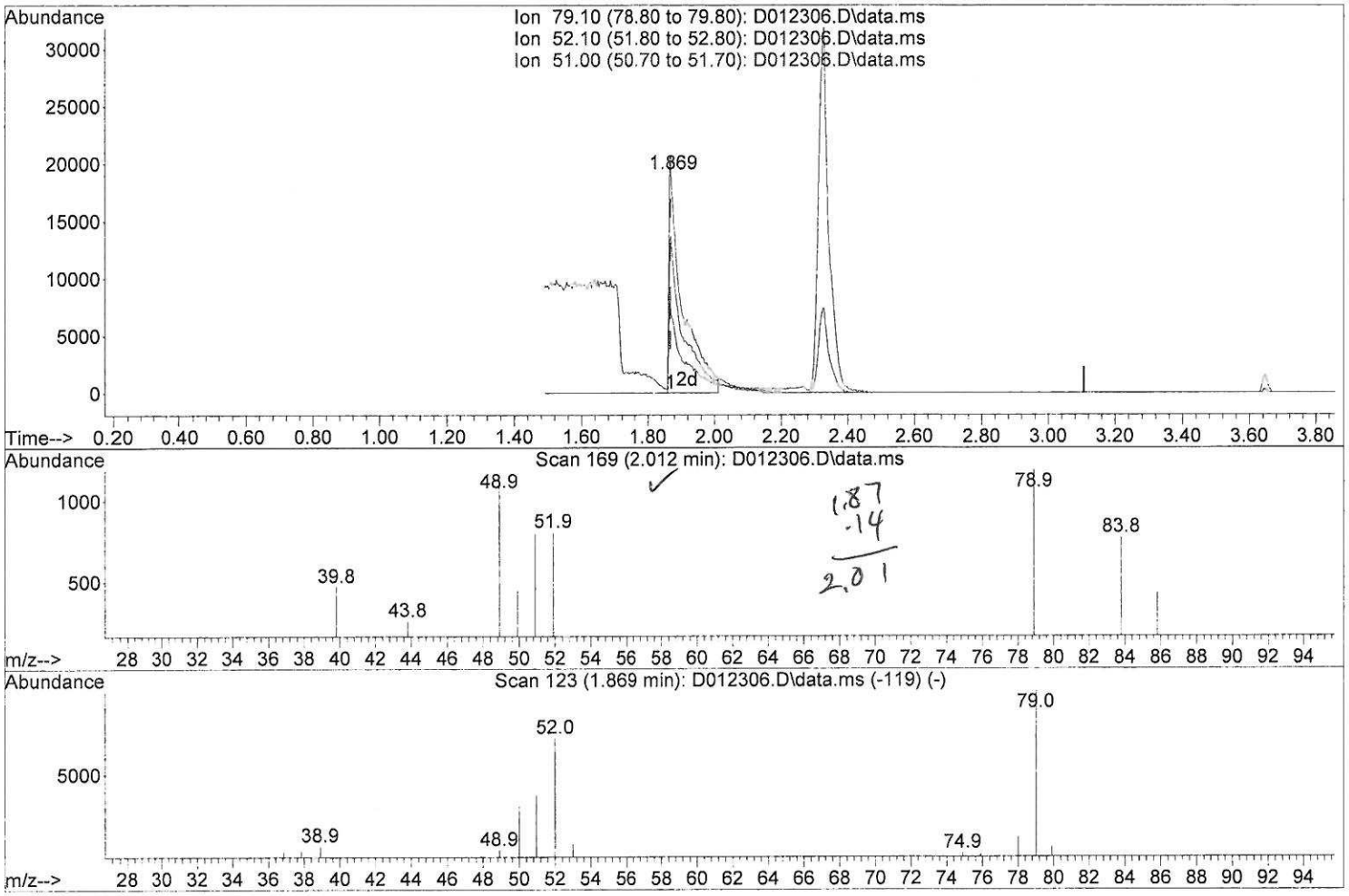
response 36137

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	112.62#
51.00	29.60	36.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012306.D
Acq On : 23 Jan 2012 10:50 am
Operator : BGL
Sample : 8270STD 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 23 15:05:08 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:04:57 2012
Response via : Initial Calibration



TIC: D012306.D\data.ms

(5) Pyridine

1.869min (+0.000) 51.29 ug/ml m

response 56842

Ion	Exp%	Act%
79.10	100	100
52.10	64.80	71.60
51.00	29.60	23.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	74564	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.708	136	152341	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	102241	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.012	188	259937	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.992	240	184741	40.00	ug/ml	0.00
79) PERYLENE-D12	17.478	264	115120	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.647	112	88113	71.52	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	35.76%		
3) Phenol-d6	4.452	99	104968	67.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	33.59%		
20) Nitrobenzene-d5	5.136	82	103627	72.43	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	72.43%		
36) 2-Fluorobiphenyl	6.789	172	208118	73.46	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	73.46%		
37) 2,4,6-Tribromophenol	8.841	330	45271	88.26	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	44.13%		
71) Terphenyl-d14	13.074	244	306376	84.63	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	84.63%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.823	42	45716	69.98	ug/ml	99
5) Pyridine	1.866	79	90520	72.25	ug/ml#	62
6) Aniline	4.467	93	129529	66.45	ug/ml	100
7) Phenol	4.461	94	121571	66.49	ug/ml	100
8) Bis(2-chloroethyl)ether	4.523	93	84627	68.47	ug/ml	99
9) 2-Chlorophenol	4.558	128	95509	69.11	ug/ml	99
10) 1,3-Dichlorobenzene	4.673	146	115447	68.37	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	118594	68.26	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	107765	67.27	ug/ml	100
13) 2- METHYLPHENOL	4.918	108	86368	70.20	ug/ml	91
14) Bis(2-Chloroisopropyl)...	4.931	45	108465	66.10	ug/ml	98
15) Acetophenone	5.024	105	130342	66.50	ug/ml	100
16) 3/4- METHYLPHENOL	5.033	107	195090	136.70	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.030	70	68331	78.63	ug/ml	99
18) Hexachloroethane	5.095	117	47705	70.17	ug/ml	100
21) NITROBENZENE	5.148	77	111640	76.41	ug/ml	95
22) Isophorone	5.338	82	180443	72.78	ug/ml	99
23) 2-Nitrophenol	5.394	139	55129	79.44	ug/ml	99
24) 2,4-Dimethylphenol	5.431	122	80728	75.10	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.506	93	100729	74.24	ug/ml	100
26) Benzoic Acid	5.537	122	52377	75.70	ug/ml	96
27) 2,4-Dichlorophenol	5.590	162	87285	74.29	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.661	180	102490	75.40	ug/ml	99
29) Naphthalene	5.726	128	279552	73.82	ug/ml	100
30) 4-Chloroaniline	5.776	127	105796	70.58	ug/ml	99
31) Hexachlorobutadiene	5.838	225	63924	75.81	ug/ml	99
32) 4-Chloro-3-Methylphenol	6.224	107	89084	73.63	ug/ml	100
33) 2-MethylNaphthalene	6.382	142	198138	71.74	ug/ml	99
34) 1-Methylnaphthalene	6.488	142	172484	71.33	ug/ml	99
38) Hexachlorocyclopentadiene	6.556	237	66328	80.04	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	105111	74.64	ug/ml	99

CHECKED BY: BRIAN AGUILAR 2/9/2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration

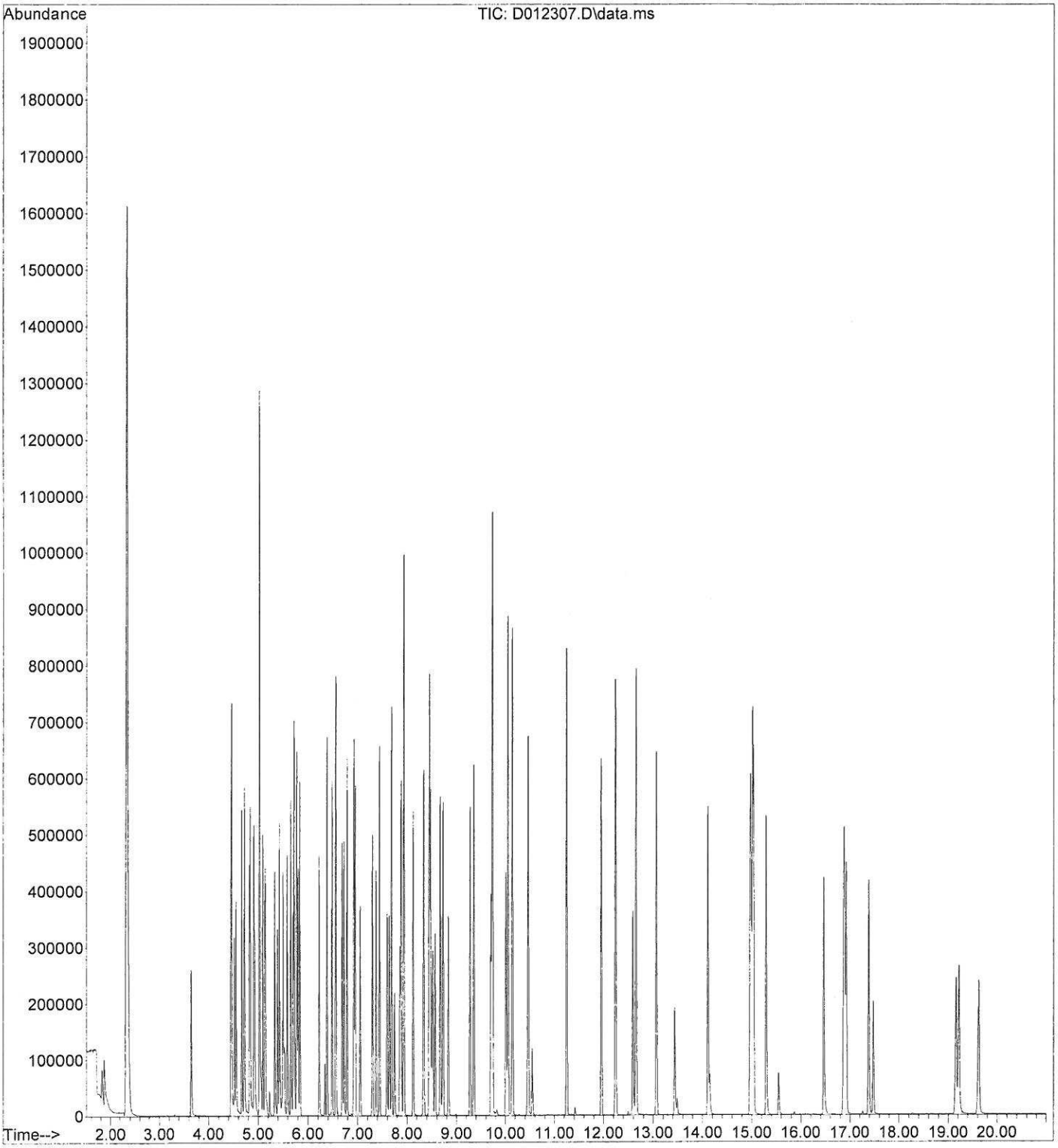
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40)	2,4,6-Trichlorophenol	6.690	196	70674	76.54	ug/ml	100
41)	2,4,5-Trichlorophenol	6.727	196	76353	76.79	ug/ml	97
42)	2-ChloroNaphthalene	6.926	162	223676	73.22	ug/ml	100
43)	2-Nitroaniline	7.057	65	68903	79.84	ug/ml	99
44)	DIMETHYL PHTHALATE	7.305	163	240240	77.90	ug/ml	100
45)	2,6-DinitroToluene	7.377	165	64790	83.44	ug/ml	99
46)	Acenaphthylene	7.448	152	330680	75.73	ug/ml	100
47)	3-Nitroaniline	7.600	138	69748	85.03	ug/ml	99
48)	Acenaphthene	7.687	154	194262	74.80	ug/ml	99
49)	2,4-Dinitrophenol	7.750	184	33990	72.03	ug/ml	98
50)	4-Nitrophenol	7.862	109	49373	79.10	ug/ml	88
51)	Dibenzofuran	7.939	168	324168	76.99	ug/ml	99
52)	2,4-Dinitrotoluene	7.945	165	108693	90.73	ug/ml	96
53)	DIETHYL PHTHALATE	8.340	149	302806	85.60	ug/ml	100
54)	4-Chlorophenyl phenyl ...	8.477	204	135929	78.99	ug/ml	99
55)	Flourene	8.455	166	287663	79.37	ug/ml	100
56)	4-Nitroaniline	8.520	138	76102	85.75	ug/ml	96
58)	4,6-Dinitro-2-Methylph...	8.570	198	60455	74.02	ug/ml	99
59)	N-Nitrosodiphenylamine	8.676	169	184436	74.96	ug/ml	100
60)	1,2-Diphenylhydrazine	8.732	77	287818	73.26	ug/ml	99
61)	4-Bromophenyl phenyl e...	9.279	248	89995	75.54	ug/ml	99
62)	Hexachlorobenzene	9.357	284	113770	79.39	ug/ml	99
63)	Pentachlorophenol	9.705	266	72075	81.47	ug/ml	99
64)	Pentachloronitrobenzene	9.742	295	20348	86.48	ug/ml	97
65)	Phenanthrene	10.059	178	484323	75.86	ug/ml	100
66)	Anthracene	10.149	178	481900	75.61	ug/ml	100
67)	Carbazole	10.472	167	424929	75.24	ug/ml	100
68)	Di-N-Butyl Phthalate	11.256	149	625763	80.95	ug/ml	100
69)	Flouranthene	12.250	202	507372	76.38	ug/ml	100
72)	Benzidine	12.595	184	201425	160 132.73	ug/ml	100
73)	Pyrene	12.664	202	512740	85.86	ug/ml	100
74)	Butylbenzyl phthalate	14.115	149	192122	82.29	ug/ml	99
75)	3,3'-Dichlorobenzidine	15.020	252	195533	160 152.96	ug/ml	99
76)	Benzo(a)anthracene	14.973	228	367278	77.71	ug/ml	100
77)	Chrysene	15.041	228	350695	76.74	ug/ml	100
78)	Bis(2-ethylhexyl)phtha...	15.296	149	233897	78.26	ug/ml	100
80)	Di-n-octylphthalate	16.468	149	335381	89.91	ug/ml	100
81)	Benzo(b)fluoranthene	16.878	252	276761	81.17	ug/ml	99
82)	Benzo(k)fluoranthene	16.931	252	268354	81.66	ug/ml	99
83)	Benzo(a)pyrene	17.391	252	241035	79.55	ug/ml	99
84)	Indeno(1,2,3-cd)pyrene	19.163	276	192000	81.87	ug/ml	100
85)	Dibenz(a,h)anthracene	19.222	278	192799	81.05	ug/ml	99
86)	Benzo(g,h,i)perylene	19.626	276	205006	81.22	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012307.D
Acq On : 23 Jan 2012 11:18 am
Operator : BGL
Sample : 8270STD 80 ppm Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 23 15:09:05 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:08:01 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	75914	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.711	136	159726	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	121465	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.015	188	283628	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.998	240	207936	40.00	ug/ml	0.00
79) PERYLENE-D12	17.487	264	160952	40.00	ug/ml	0.01
System Monitoring Compounds						
2) 2-Fluorophenol	3.650	112	121432	96.81	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 48.41%			
3) Phenol-d6	4.455	99	156336	98.29	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 49.15%			
20) Nitrobenzene-d5	5.139	82	160340	106.89	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 106.89%			
36) 2-Fluorobiphenyl	6.792	172	342010	101.61	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 101.61%			
37) 2,4,6-Tribromophenol	8.844	330	71037	116.57	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 58.28%			
71) Terphenyl-d14	13.077	244	456885	112.12	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 112.12%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.829	42	63554	95.55	ug/ml	99
5) Pyridine	1.860	79	122304	95.88	ug/ml#	55
6) Aniline	4.467	93	195135	98.32	ug/ml	98
7) Phenol	4.467	94	180088	96.74	ug/ml	100
8) Bis(2-chloroethyl)ether	4.526	93	118877	94.47	ug/ml	99
9) 2-Chlorophenol	4.558	128	136537	97.04	ug/ml	99
10) 1,3-Dichlorobenzene	4.673	146	160176	93.17	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	164186	92.82	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	153459	94.09	ug/ml	100
13) 2- METHYLPHENOL	4.918	108	124655	99.52	ug/ml	94
14) Bis(2-Chloroisopropyl)...	4.931	45	147043	88.01	ug/ml	95
15) Acetophenone	5.027	105	193937	97.18	ug/ml	99
16) 3/4- METHYLPHENOL	5.036	107	288950 AV	198.87	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.036	70	103195	116.64	ug/ml	98
18) Hexachloroethane	5.098	117	65290	94.32	ug/ml	100
21) NITROBENZENE	5.151	77	156794	102.35	ug/ml	100
22) Isophorone	5.341	82	284225	109.34	ug/ml	99
23) 2-Nitrophenol	5.397	139	82641	113.57	ug/ml	99
24) 2,4-Dimethylphenol	5.434	122	123498	109.58	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.509	93	153625	107.99	ug/ml	98
26) Benzoic Acid	5.555	122	88738	122.32	ug/ml	90
27) 2,4-Dichlorophenol	5.593	162	135196	109.75	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.661	180	148385	104.12	ug/ml	99
29) Naphthalene	5.729	128	415071	104.54	ug/ml	100
30) 4-Chloroaniline	5.779	127	169905	108.11	ug/ml	99
31) Hexachlorobutadiene	5.841	225	91834	103.88	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.227	107	148687	117.22	ug/ml	99
33) 2-MethylNaphthalene	6.382	142	315847	109.07	ug/ml	100
34) 1-Methylnaphthalene	6.488	142	276040	108.87	ug/ml	99
38) Hexachlorocyclopentadiene	6.559	237	108043	109.74	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	169528	101.33	ug/ml	99

CHECKED BY BRM 1/26/12

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration

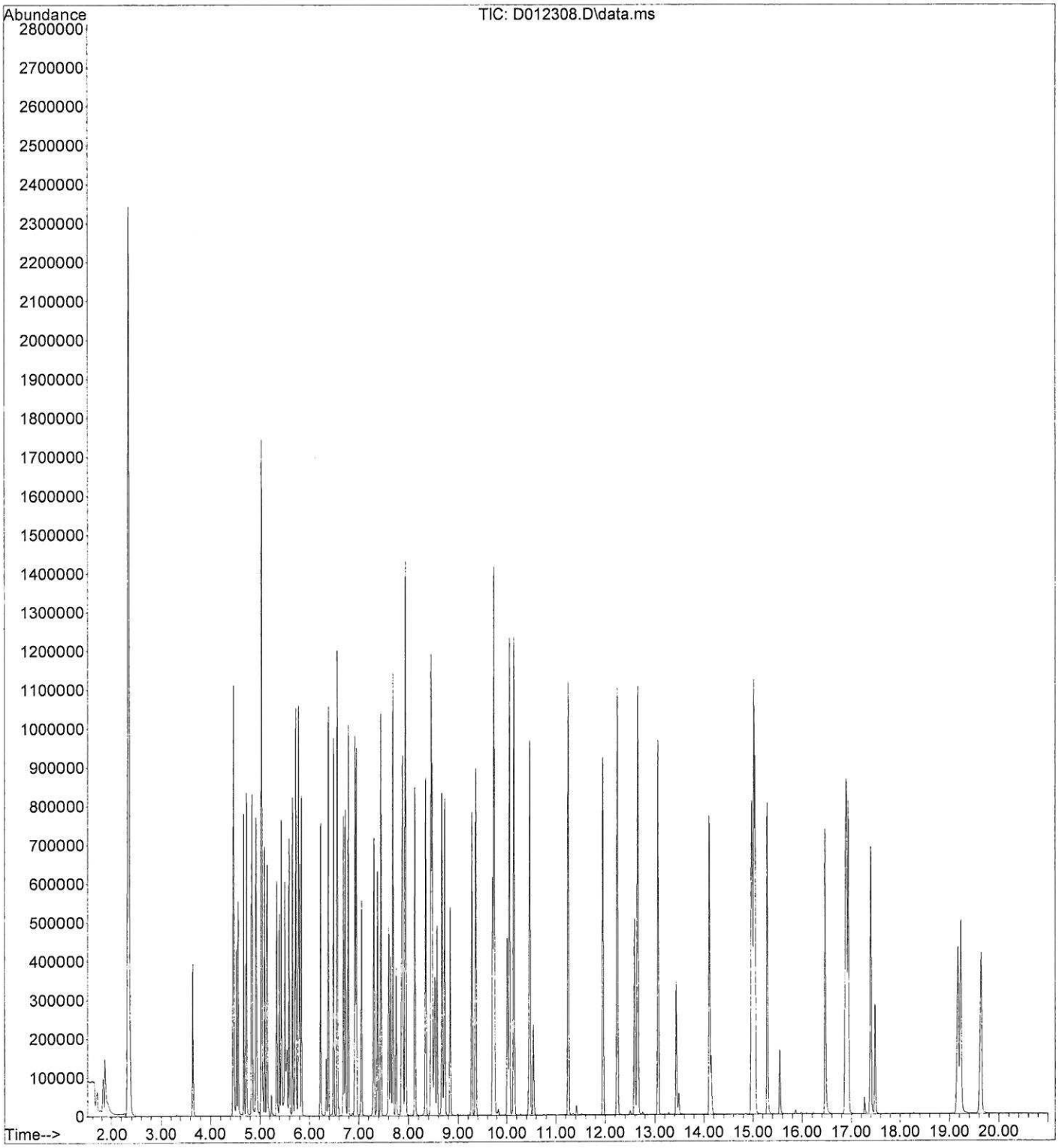
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.693	196	122862	111.99	ug/ml	100
41) 2,4,5-Trichlorophenol	6.730	196	128370	108.67	ug/ml	100
42) 2-ChloroNaphthalene	6.929	162	387180	106.69	ug/ml	100
43) 2-Nitroaniline	7.063	65	114206	111.38	ug/ml	99
44) DIMETHYL PHTHALATE	7.311	163	396976	108.34	ug/ml	100
45) 2,6-DinitroToluene	7.383	165	103968	112.70	ug/ml	98
46) Acenaphthylene	7.451	152	544271	104.92	ug/ml	100
47) 3-Nitroaniline	7.610	138	105793	108.57	ug/ml	99
48) Acenaphthene	7.694	154	325005	105.33	ug/ml	99
49) 2,4-Dinitrophenol	7.756	184	64384	107.65	ug/ml	96
50) 4-Nitrophenol	7.874	109	79339	105.10	ug/ml	90
51) Dibenzofuran	7.945	168	524056	104.77	ug/ml	98
52) 2,4-Dinitrotoluene	7.952	165	162256	114.01	ug/ml	96
53) DIETHYL PHTHALATE	8.349	149	461551	109.83	ug/ml	100
54) 4-Chlorophenyl phenyl ...	8.483	204	218361	106.81	ug/ml	99
55) Flourene	8.458	166	454728	105.61	ug/ml	100
56) 4-Nitroaniline	8.539	138	120056	113.86	ug/ml	93
58) 4,6-Dinitro-2-Methylph...	8.583	198	98950	106.46	ug/ml	97
59) N-Nitrosodiphenylamine	8.682	169	287484	107.09	ug/ml	100
60) 1,2-Diphenylhydrazine	8.738	77	434376	101.33	ug/ml	99
61) 4-Bromophenyl phenyl e...	9.282	248	137606	105.86	ug/ml	98
62) Hexachlorobenzene	9.363	284	169022	108.09	ug/ml	99
63) Pentachlorophenol	9.711	266	117992	122.23	ug/ml	98
64) Pentachloronitrobenzene	9.745	295	29430	114.63	ug/ml	94
65) Phenanthrene	10.065	178	716295	102.82	ug/ml	100
66) Anthracene	10.155	178	725464	104.31	ug/ml	100
67) Carbazole	10.479	167	643222	104.38	ug/ml	99
68) Di-N-Butyl Phthalate	11.259	149	878110	104.11	ug/ml	100
69) Flouranthene	12.253	202	748267	103.23	ug/ml	100
72) Benzidine	12.598	184	296934 200	173.84	ug/ml	99
73) Pyrene	12.670	202	750165	111.60	ug/ml	99
74) Butylbenzyl phthalate	14.115	149	283596	107.92	ug/ml	99
75) 3,3'-Dichlorobenzidine	15.026	252	307249 200	213.54	ug/ml	99
76) Benzo(a)anthracene	14.979	228	550803	103.54	ug/ml	100
77) Chrysene	15.051	228	531410	103.32	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	15.296	149	357803	106.36	ug/ml	100
80) Di-n-octylphthalate	16.471	149	571760	109.63	ug/ml	99
81) Benzo(b)fluoranthene	16.887	252	512861	107.58	ug/ml	100
82) Benzo(k)fluoranthene	16.943	252	467731	101.79	ug/ml	98
83) Benzo(a)pyrene	17.403	252	454459	107.28	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	19.178	276	383322	116.91	ug/ml	99
85) Dibenz(a,h)anthracene	19.237	278	399396	120.08	ug/ml	98
86) Benzo(g,h,i)perylene	19.647	276	404316	114.57	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012308.D
Acq On : 23 Jan 2012 11:45 am
Operator : BGL
Sample : 8270STD 100 ppm Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 15:10:26 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:10:01 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	71939	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.711	136	144075	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.644	164	105833	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.015	188	246789	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.995	240	189542	40.00	ug/ml	0.00
79) PERYLENE-D12	17.481	264	149858	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.650	112	129780	109.19	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	54.59%		
3) Phenol-d6	4.455	99	163792	108.67	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	54.34%		
20) Nitrobenzene-d5	5.139	82	170144	125.75	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	125.75%		
36) 2-Fluorobiphenyl	6.792	172	343364	117.08	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	117.08%		
37) 2,4,6-Tribromophenol	8.844	330	70601	132.97	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery =	66.48%		
71) Terphenyl-d14	13.074	244	475409	127.99	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	127.99%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.832	42	70210	111.39	ug/ml	99
5) Pyridine	1.863	79	142796	118.13	ug/ml#	67
6) Aniline	4.467	93	201539	107.16	ug/ml	98
7) Phenol	4.467	94	188303	106.75	ug/ml	99
8) Bis(2-chloroethyl)ether	4.527	93	126369	105.97	ug/ml	99
9) 2-Chlorophenol	4.558	128	145855	109.40	ug/ml	98
10) 1,3-Dichlorobenzene	4.673	146	178225	109.40	ug/ml	99
11) 1,4-Dichlorobenzene	4.732	146	181319	108.17	ug/ml	100
12) 1,2-Dichlorobenzene	4.844	146	169700	109.80	ug/ml	99
13) 2- METHYLPHENOL	4.921	108	123869	104.35	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.931	45	157858	99.70	ug/ml	96
15) Acetophenone	5.027	105	203720	107.73	ug/ml	98
16) 3/4- METHYLPHENOL	5.036	107	303015	220.08	ug/ml	99
17) N-Nitroso-Di-N-Propyla...	5.036	70	107478	128.19	ug/ml	98
18) Hexachloroethane	5.098	117	72011	109.78	ug/ml	99
21) NITROBENZENE	5.151	77	170274	123.22	ug/ml	99
22) Isophorone	5.341	82	291522	124.33	ug/ml	99
23) 2-Nitrophenol	5.397	139	87826	133.81	ug/ml	99
24) 2,4-Dimethylphenol	5.434	122	126742	124.68	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.509	93	159525	124.32	ug/ml	98
26) Benzoic Acid	5.555	122	88085	134.61	ug/ml	90
27) 2,4-Dichlorophenol	5.593	162	139945	125.95	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.661	180	157222	122.31	ug/ml	100
29) Naphthalene	5.729	128	436796	121.96	ug/ml	100
30) 4-Chloroaniline	5.779	127	166549	117.49	ug/ml	98
31) Hexachlorobutadiene	5.841	225	98333	123.31	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.224	107	146012	127.61	ug/ml	99
33) 2-MethylNaphthalene	6.382	142	322795	123.58	ug/ml	99
34) 1-Methylnaphthalene	6.488	142	282040	123.32	ug/ml	99
38) Hexachlorocyclopentadiene	6.559	237	110594	128.92	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.565	216	173202	118.82	ug/ml	99

240

CHECKED BY BRIAN LAGLER JAN 23 2012

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration

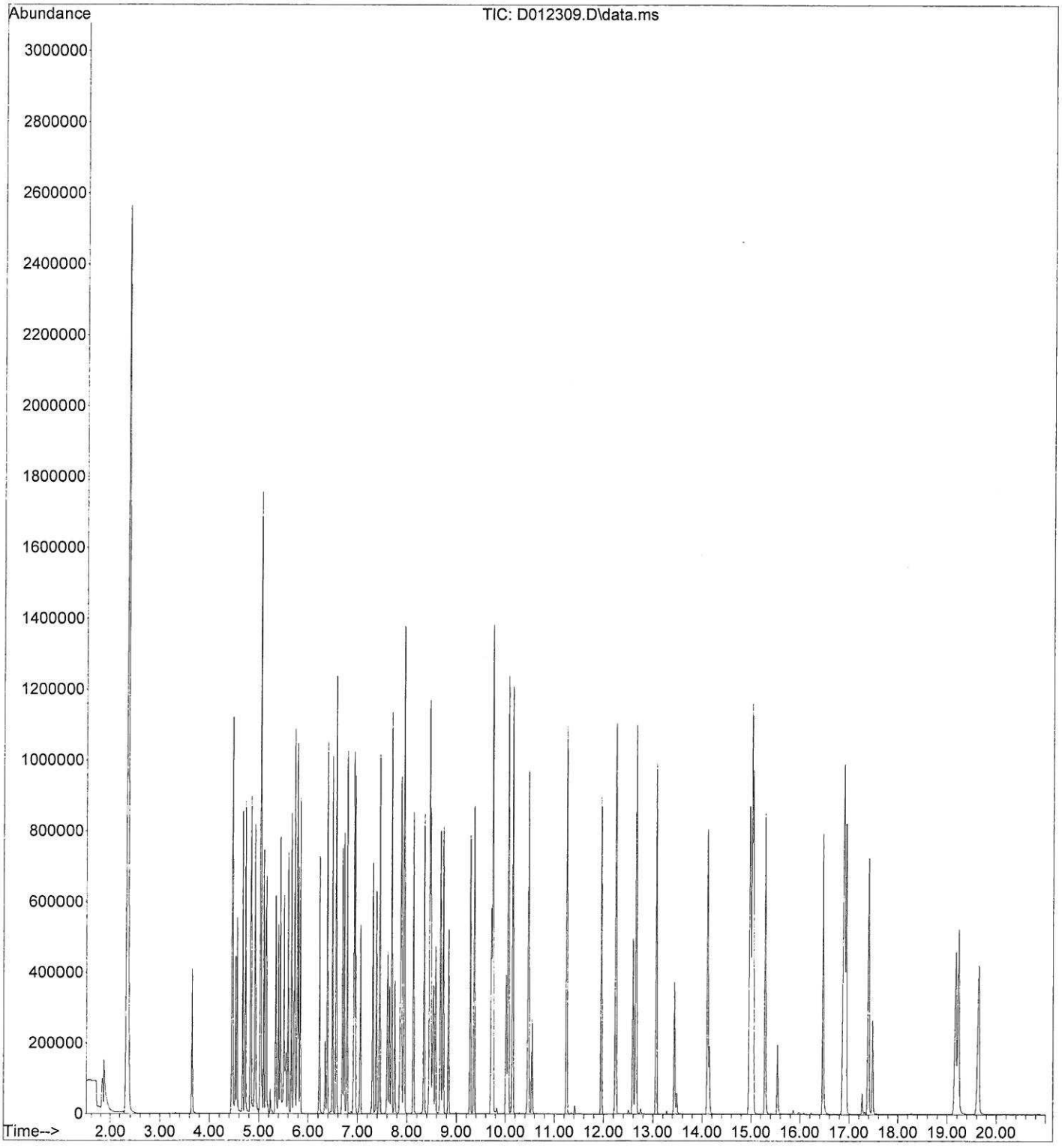
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.693	196	120889	126.47	ug/ml	100
41) 2,4,5-Trichlorophenol	6.730	196	124511	120.97	ug/ml	98
42) 2-ChloroNaphthalene	6.929	162	374341	118.38	ug/ml	100
43) 2-Nitroaniline	7.063	65	110110	123.25	ug/ml	98
44) DIMETHYL PHTHALATE	7.311	163	391490	122.63	ug/ml	100
45) 2,6-DinitroToluene	7.383	165	102085	127.01	ug/ml	98
46) Acenaphthylene	7.451	152	534702	118.30	ug/ml	100
47) 3-Nitroaniline	7.610	138	98459	115.96	ug/ml	99
48) Acenaphthene	7.694	154	317786	118.21	ug/ml	99
49) 2,4-Dinitrophenol	7.756	184	64125	121.32	ug/ml	96
50) 4-Nitrophenol	7.871	109	78040	117.96	ug/ml	89
51) Dibenzofuran	7.942	168	513508	117.82	ug/ml	98
52) 2,4-Dinitrotoluene	7.952	165	159089	128.29	ug/ml	95
53) DIETHYL PHTHALATE	8.350	149	445180	121.58	ug/ml	100
54) 4-Chlorophenyl phenyl ...	8.480	204	212227	119.14	ug/ml	99
55) Flourene	8.458	166	443253	118.15	ug/ml	100
56) 4-Nitroaniline	8.536	138	115615	125.84	ug/ml	95
58) 4,6-Dinitro-2-Methylph...	8.579	198	97966	119.88	ug/ml	98
59) N-Nitrosodiphenylamine	8.682	169	281283	120.42	ug/ml	100
60) 1,2-Diphenylhydrazine	8.738	77	430337	115.37	ug/ml	99
61) 4-Bromophenyl phenyl e...	9.282	248	135857	120.11	ug/ml	98
62) Hexachlorobenzene	9.363	284	166861	122.64	ug/ml	99
63) Pentachlorophenol	9.711	266	116413	138.59	ug/ml	98
64) Pentachloronitrobenzene	9.745	295	29392	131.57	ug/ml	92
65) Phenanthrene	10.062	178	718694	118.56	ug/ml	100
66) Anthracene	10.155	178	723949	119.63	ug/ml	100
67) Carbazole	10.475	167	640601	119.47	ug/ml	100
68) Di-N-Butyl Phthalate	11.259	149	872342	118.87	ug/ml	100
69) Flouranthene	12.253	202	751325	119.13	ug/ml	100
72) Benzidine	12.598	184	298929	191.99	ug/ml	100
73) Pyrene	12.667	202	767951	125.34	ug/ml	99
74) Butylbenzyl phthalate	14.115	149	301542	125.89	ug/ml	99
75) 3,3'-Dichlorobenzidine	15.023	252	326588	249.01	ug/ml	100
76) Benzo(a)anthracene	14.976	228	586086	120.86	ug/ml	100
77) Chrysene	15.047	228	565744	120.67	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	15.293	149	386680	126.10	ug/ml	100
80) Di-n-octylphthalate	16.468	149	613716	126.38	ug/ml	99
81) Benzo(b)fluoranthene	16.887	252	570247	128.47	ug/ml	99
82) Benzo(k)fluoranthene	16.943	252	508858	118.94	ug/ml	99
83) Benzo(a)pyrene	17.400	252	497916	126.23	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	19.175	276	420034	137.59	ug/ml	99
85) Dibenz(a,h)anthracene	19.234	278	428601	138.41	ug/ml	98
86) Benzo(g,h,i)perylene	19.647	276	423791	128.98	ug/ml	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012309.D
Acq On : 23 Jan 2012 12:12 pm
Operator : BGL
Sample : 8270STD 120 ppm Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 23 15:12:09 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:11:58 2012
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.716	150	74355	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.708	136	151153	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.641	164	89999	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	10.009	188	206646	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.988	240	241191	40.00	ug/ml	0.00
79) PERYLENE-D12	17.475	264	154001	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	0.000	112	0	0.00	ug/ml	
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.00%#		
3) Phenol-d6	4.502	99	607	0.39	ug/ml	0.05
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.20%#		
20) Nitrobenzene-d5	5.095	82	7443	5.24	ug/ml	-0.04
Spiked Amount 100.000	Range 30 - 130		Recovery =	5.24%#		
36) 2-Fluorobiphenyl	0.000	172	0	0.00	ug/ml	
Spiked Amount 100.000	Range 30 - 130		Recovery =	0.00%#		
37) 2,4,6-Tribromophenol	0.000	330	0	0.00	ug/ml	
Spiked Amount 200.000	Range 30 - 130		Recovery =	0.00%#		
71) Terphenyl-d14	13.058	244	520	0.11	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery =	0.11%#		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.850	42	31694	48.65	ug/ml	98
5) Pyridine	1.900	79	69881	55.93	ug/ml#	68
6) Aniline	4.467	93	52030	26.77	ug/ml#	83
7) Phenol	4.461	94	71609	39.27	ug/ml	85
8) Bis(2-chloroethyl)ether	4.523	93	60894	49.40	ug/ml	99
9) 2-Chlorophenol	4.558	128	60084	43.60	ug/ml	98
10) 1,3-Dichlorobenzene	4.673	146	79152	47.01	ug/ml	100
11) 1,4-Dichlorobenzene	4.729	146	80936	46.71	ug/ml	99
12) 1,2-Dichlorobenzene	4.844	146	74680	46.75	ug/ml	100
13) 2- METHYLPHENOL	4.921	108	56191	45.80	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.931	45	72891	45.65	ug/ml	97
15) Acetophenone	5.021	105	91317	47.41	ug/ml#	76
16) 3/4- METHYLPHENOL	5.030	107	55018	38.70	ug/ml#	53
17) N-Nitroso-Di-N-Propyla...	5.027	70	45637	52.66	ug/ml#	83
18) Hexachloroethane	5.095	117	32860	48.47	ug/ml	99
21) NITROBENZENE	5.148	77	72053	49.70	ug/ml	97
22) Isophorone	5.332	82	118499	48.17	ug/ml	99
23) 2-Nitrophenol	5.394	139	33805	49.09	ug/ml	99
24) 2,4-Dimethylphenol	5.431	122	51155	47.96	ug/ml	98
25) Bis(2-Chloroethoxy)met...	5.506	93	71969	53.46	ug/ml	97
26) Benzoic Acid	5.493	122	16429m	23.93	ug/ml	
27) 2,4-Dichlorophenol	5.593	162	51572	44.24	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.658	180	69226	51.33	ug/ml	100
29) Naphthalene	5.726	128	176721	47.03	ug/ml	100
30) 4-Chloroaniline	5.773	127	45599	30.66	ug/ml	97
31) Hexachlorobutadiene	5.838	225	43521	52.02	ug/ml	100
32) 4-Chloro-3-Methylphenol	6.230	107	51061	42.54	ug/ml	99
33) 2-MethylNaphthalene	6.379	142	117883	43.02	ug/ml	99
34) 1-Methylnaphthalene	6.485	142	112635	46.94	ug/ml	100
38) Hexachlorocyclopentadiene	6.556	237	38794	53.18	ug/ml	98
39) 1,2,4,5-Tetrachloroben...	6.562	216	66671	53.78	ug/ml	100

REVIEWED BY BRIAN LAGUEUX JAN 23 2012

C 80-120 70-130 D

52 76 46 62 65-135 40-160

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration

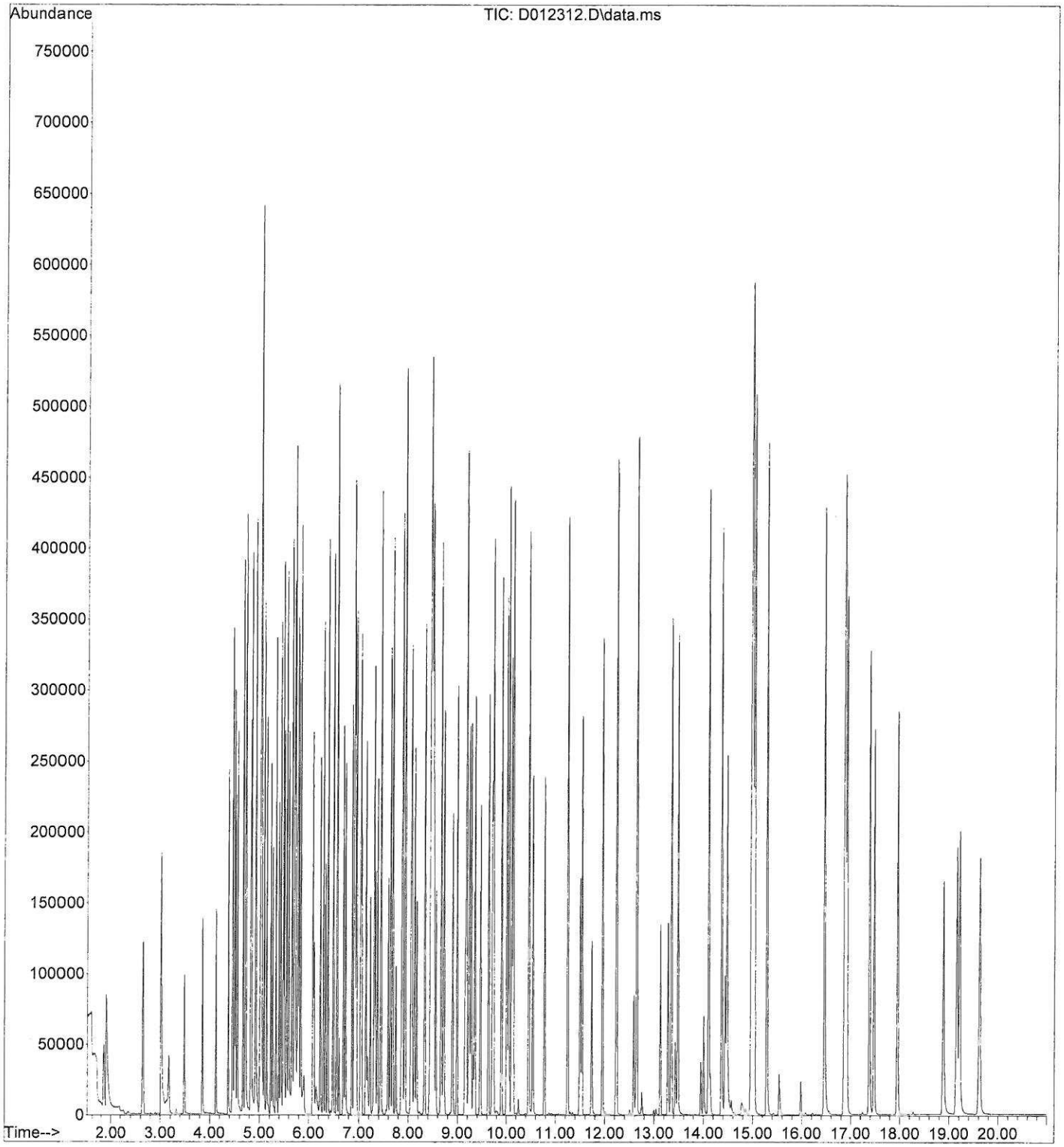
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.690	196	38722	47.64	ug/ml	100
41) 2,4,5-Trichlorophenol	6.730	196	43249	49.41	ug/ml	97
42) 2-ChloroNaphthalene	6.923	162	112625	41.88	ug/ml	96
43) 2-Nitroaniline	7.053	65	43734	57.57	ug/ml	84
44) DIMETHYL PHTHALATE	7.305	163	140701	51.83	ug/ml	100
45) 2,6-DinitroToluene	7.374	165	34618	50.65	ug/ml	99
46) Acenaphthylene	7.448	152	177927	46.29	ug/ml	100
47) 3-Nitroaniline	7.594	138	30016	41.57	ug/ml	99
48) Acenaphthene	7.687	154	108421	47.42	ug/ml	100
49) 2,4-Dinitrophenol	7.750	184	16659	45.47	ug/ml	99
50) 4-Nitrophenol	7.865	109	28020	52.90	ug/ml	90
51) Dibenzofuran	7.933	168	167302	45.14	ug/ml	100
52) 2,4-Dinitrotoluene	7.939	165	50203	47.61	ug/ml	100
53) DIETHYL PHTHALATE	8.337	149	155227	49.85	ug/ml	100
54) 4-Chlorophenyl phenyl ...	8.474	204	71550	47.23	ug/ml	97
55) Flourene	8.449	166	146556	45.94	ug/ml	100
56) 4-Nitroaniline	8.511	138	38528	49.32	ug/ml	98
58) 4,6-Dinitro-2-Methylph...	8.561	198	26608	45.05	ug/ml	99
59) N-Nitrosodiphenylamine	8.670	169	123751	63.27	ug/ml	99
60) 1,2-Diphenylhydrazine	8.726	77	147269	47.15	ug/ml	99
61) 4-Bromophenyl phenyl e...	9.276	248	43957	46.41	ug/ml	100
62) Hexachlorobenzene	9.350	284	50305	44.16	ug/ml	99
63) Pentachlorophenol	9.708	266	38394	54.59	ug/ml	99
64) Pentachloronitrobenzene	9.733	295	9553	51.07	ug/ml	98
65) Phenanthrene	10.053	178	238743	47.04	ug/ml	100
66) Anthracene	10.143	178	245858	48.52	ug/ml	100
67) Carbazole	10.463	167	238098	53.03	ug/ml	100
68) Di-N-Butyl Phthalate	11.252	149	306893	49.94	ug/ml	100
69) Flouranthene	12.241	202	283593	53.70	ug/ml	99
72) Benzidine	12.586	184	51663	26.08	ug/ml	99
73) Pyrene	12.654	202	296412	38.02	ug/ml	100
74) Butylbenzyl phthalate	14.109	149	150374	49.33	ug/ml	99
75) 3,3'-Dichlorobenzidine	15.010	252	66804	40.03	ug/ml	99
76) Benzo(a)anthracene	14.970	228	300965	48.77	ug/ml	99
77) Chrysene	15.035	228	274541	46.02	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	15.287	149	206016	52.80	ug/ml	100
80) Di-n-octylphthalate	16.459	149	343081	68.75	ug/ml	100
81) Benzo(b)fluoranthene	16.869	252	225100	49.35	ug/ml	100
82) Benzo(k)fluoranthene	16.922	252	221935	50.48	ug/ml	99
83) Benzo(a)pyrene	17.382	252	196446	48.46	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	19.159	276	145446	46.36	ug/ml	100
85) Dibenz(a,h)anthracene	19.215	278	147915	46.48	ug/ml	100
86) Benzo(g,h,i)perylene	19.623	276	156140	46.24	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

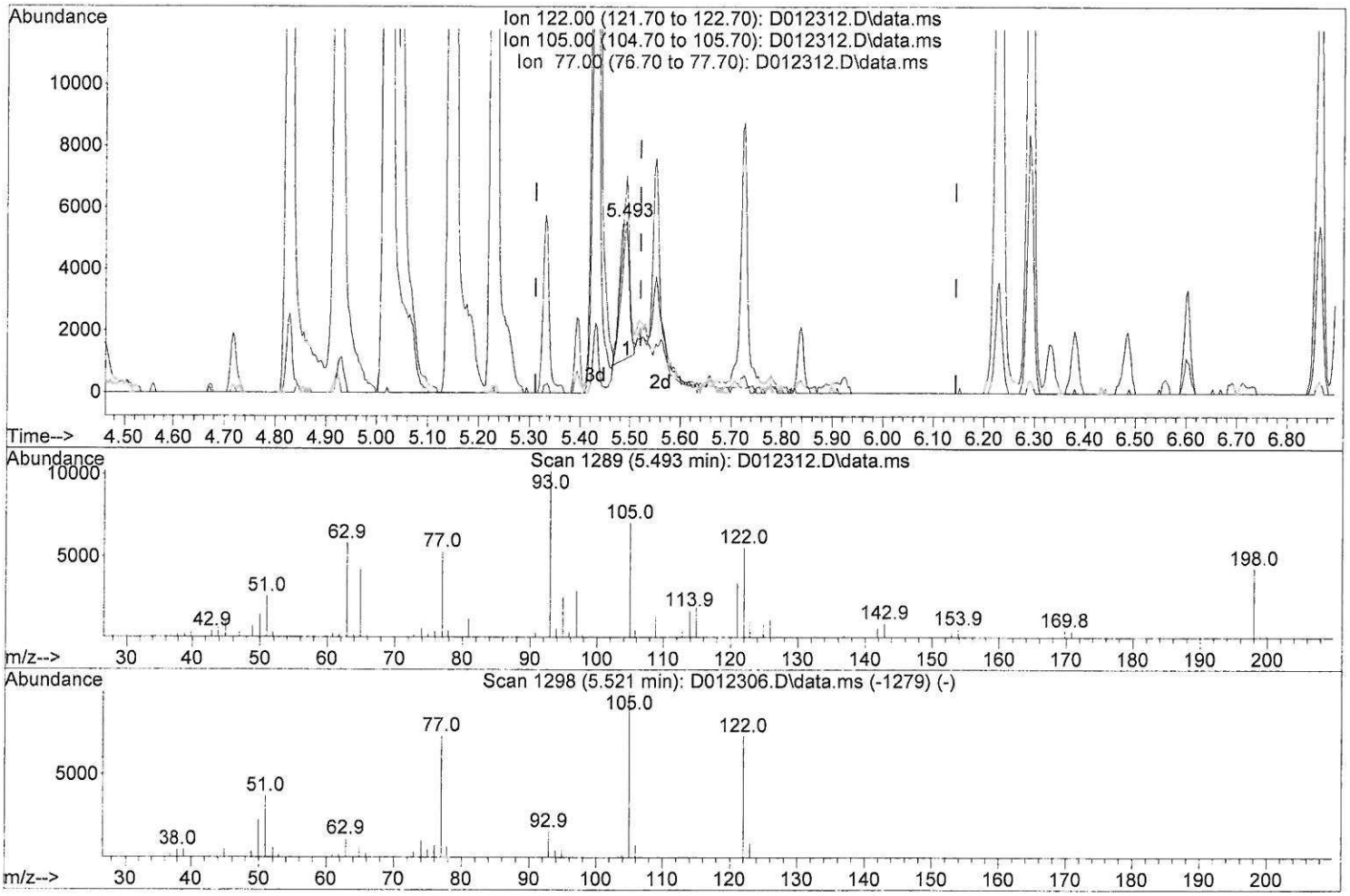
Quant Time: Jan 23 15:43:31 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:18:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



TIC: D012312.D\data.ms

(26) Benzoic Acid

5.493min (-0.028) 9.17 ug/ml

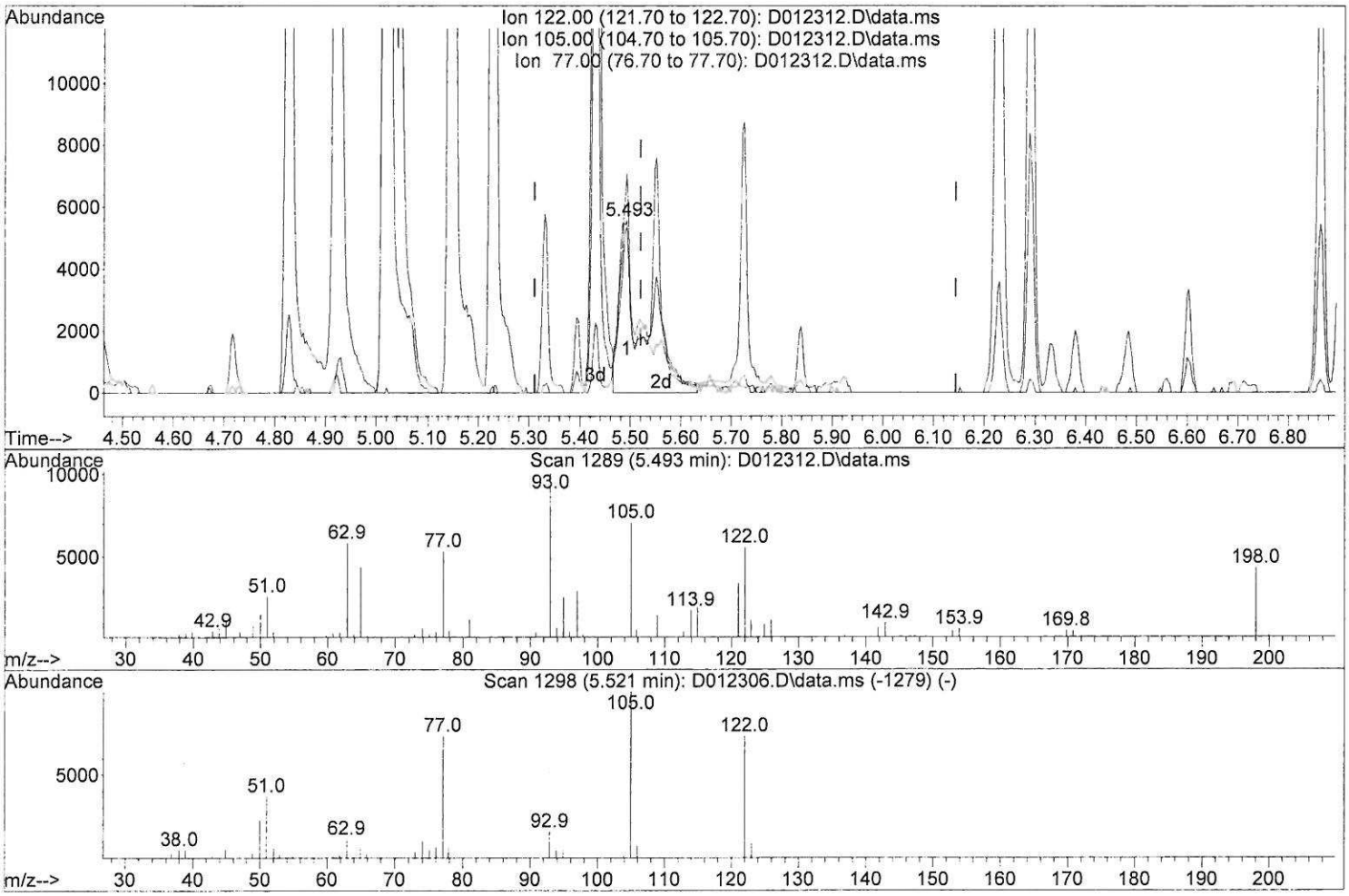
response 6293

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	156.25
77.00	99.80	95.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\012312\
Data File : D012312.D
Acq On : 23 Jan 2012 1:33 pm
Operator : BGL
Sample : icv 50 ppm Inst : GCMSSV4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 23 15:18:58 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Mon Jan 23 15:18:36 2012
Response via : Initial Calibration



TIC: D012312.D\data.ms

(26) Benzoic Acid

5.493min (-0.028) 23.93 ug/ml m

response 16429

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	59.85#
77.00	99.80	36.63#
0.00	0.00	0.00

4

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acenaphthene	A	50.0	52.1	1.016086	1.05957		4.3	20	
Acenaphthylene	A	50.0	52.3	1.708306	1.786595		4.6	20	
Acetophenone	A	50.0	49.6	1.036128	1.028538		-0.7	20	
Aniline	A	50.0	51.5	1.045746	1.077448		3.0	20	
Anthracene	A	50.0	52.2	0.9808138	1.023117		4.3	20	
Benzidine	A	100	130	0.3285745	0.4284708		30.4	20	*
Benzo(a)anthracene	A	50.0	52.8	1.023366	1.079769		5.5	20	
Benzo(a)pyrene	A	50.0	51.0	1.052832	1.074552		2.1	20	
Benzo(b)fluoranthene	A	50.0	50.7	1.18476	1.200498		1.3	20	
Benzo(g,h,i)perylene	A	50.0	55.9	0.8770137	0.9807084		11.8	20	
Benzo(k)fluoranthene	A	50.0	50.1	1.141915	1.144569		0.2	20	
Benzoic Acid	A	50.0	62.7	0.1816708	0.2278329		25.4	20	*
Bis(2-chloroethoxy)methane	A	50.0	52.6	0.3562676	0.3746268		5.2	20	
Bis(2-chloroethyl)ether	A	50.0	48.6	0.6630744	0.6447714		-2.8	20	
Bis(2-chloroisopropyl)ether	A	50.0	46.4	0.8590643	0.7967891		-7.2	20	
Bis(2-Ethylhexyl)phthalate	A	50.0	57.8	0.6471426	0.7476951		15.5	20	
4-Bromophenylphenylether	A	50.0	57.1	0.18333	0.2092426		14.1	20	
Butylbenzylphthalate	A	50.0	57.1	0.5054962	0.577685		14.3	20	
Carbazole	A	50.0	49.3	0.8690644	0.8570922		-1.4	20	
4-Chloroaniline	A	50.0	56.0	0.3935582	0.4409799		12.0	20	
4-Chloro-3-methylphenol	A	50.0	55.6	0.3176647	0.3531121		11.2	20	
2-Chloronaphthalene	A	50.0	54.0	1.195132	1.290803		8.0	20	
2-Chlorophenol	A	50.0	50.7	0.741341	0.7514783		1.4	20	
4-Chlorophenylphenylether	A	50.0	52.5	0.673274	0.7070378		5.0	20	
Chrysene	A	50.0	53.0	0.9894152	1.049423		6.1	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Dibenz(a,h)anthracene	A	50.0	55.2	0.8265728	0.9124079		10.4	20	
Dibenzofuran	A	50.0	51.1	1.647287	1.682831		2.2	20	
Di-n-butylphthalate	A	50.0	48.1	1.189496	1.144203		-3.8	20	
1,2-Dichlorobenzene	A	50.0	50.5	0.8593469	0.8678179		1.0	20	
1,3-Dichlorobenzene	A	50.0	50.9	0.9058153	0.9216571		1.7	20	
1,4-Dichlorobenzene	A	50.0	50.2	0.9320484	0.9360449		0.4	20	
3,3-Dichlorobenzidine	A	100	120	0.2767825	0.3321404		20.0	20	
2,4-Dichlorophenol	A	50.0	52.7	0.3084938	0.3251705		5.4	20	
Diethylphthalate	A	50.0	54.8	1.383886	1.516881		9.6	20	
2,4-Dimethylphenol	A	50.0	53.6	0.2822329	0.3022582		7.1	20	
Dimethylphthalate	A	50.0	56.4	1.20661	1.361472		12.8	20	
4,6-Dinitro-2-methylphenol	L	50.0	60.5	0.1054721	0.1472676		21.0	20	*
2,4-Dinitrophenol	L	50.0	61.8	0.1470217	0.2205593		23.6	20	*
2,4-Dinitrotoluene	A	50.0	52.9	0.468677	0.4958751		5.8	20	
2,6-Dinitrotoluene	A	50.0	57.0	0.3037903	0.3461633		13.9	20	
Di-n-octylphthalate	A	50.0	56.2	1.296163	1.456689		12.4	20	
1,2-Diphenylhydrazine (as Azobenzene)	A	50.0	54.7	0.6045649	0.6613582		9.4	20	
Fluoranthene	A	50.0	45.1	1.022246	0.9227455		-9.7	20	
Fluorene	A	50.0	50.6	1.417976	1.436043		1.3	20	
Hexachlorobenzene	A	50.0	55.7	0.2205258	0.2455802		11.4	20	
Hexachlorobutadiene	A	50.0	53.2	0.2213904	0.2353956		6.3	20	
Hexachlorocyclopentadiene	A	50.0	54.3	0.3242282	0.3519124		8.5	20	
Hexachloroethane	A	50.0	52.8	0.3647241	0.3853617		5.7	20	
Indeno(1,2,3-cd)pyrene	A	50.0	58.1	0.8148271	0.9468301		16.2	20	
Isophorone	A	50.0	53.1	0.6509668	0.6916597		6.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1-Methylnaphthalene	A	50.0	52.4	0.6349624	0.6661066		4.9	20	
2-Methylnaphthalene	A	50.0	52.0	0.7252002	0.7536846		3.9	20	
2-Methylphenol	A	50.0	48.8	0.6600198	0.6435136		-2.5	20	
3/4-Methylphenol	A	100	100	0.7648486	0.7653701		0.07	20	
Naphthalene	A	50.0	50.4	0.9943327	1.003364		0.9	20	
2-Nitroaniline	A	50.0	55.1	0.3376537	0.3721746		10.2	20	
3-Nitroaniline	A	50.0	57.3	0.3209003	0.3679522		14.7	20	
4-Nitroaniline	A	50.0	52.1	0.3472303	0.3620754		4.3	20	
Nitrobenzene	A	50.0	49.8	0.3836382	0.3824699		-0.3	20	
2-Nitrophenol	A	50.0	57.0	0.1822205	0.2075615		13.9	20	
4-Nitrophenol	L	50.0	51.3	0.2209015	0.2406554		2.6	20	
N-Nitrosodimethylamine	A	50.0	43.8	0.3504712	0.3068168		-12.5	20	
N-Nitrosodiphenylamine	A	50.0	58.8	0.3786018	0.4450785		17.6	20	
N-Nitrosodi-n-propylamine	A	58.4	57.9	0.4672609	0.4619499		-1.1	20	
Pentachloronitrobenzene	A	50.0	55.7	3.620804E-02	4.035078E-02		11.4	20	
Pentachlorophenol	A	50.0	60.9	0.1361409	0.1657421		21.7	20	*
Phenanthrene	A	50.0	51.4	0.9824917	1.010659		2.9	20	
Phenol	A	50.0	48.8	0.9808553	0.9574374		-2.4	20	
Pyrene	A	50.0	59.9	1.293016	1.548356		19.7	20	
Pyridine	A	50.0	46.4	0.6287083	0.6236345		-0.8	20	
1,2,4,5-Tetrachlorobenzene	A	50.0	50.6	0.5509338	0.5577349		1.2	20	
1,2,4-Trichlorobenzene	A	50.0	51.3	0.3568908	0.3664098		2.7	20	
2,4,5-Trichlorophenol	A	50.0	52.1	0.3890181	0.4054872		4.2	20	
2,4,6-Trichlorophenol	A	50.0	54.1	0.3612706	0.3906865		8.1	20	
2-Fluorophenol	A	50.0	50.4	0.6608912	0.6663684		0.8		

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	GCMSSV4	Calibration:	1200012
Lab File ID:	D020206.D	Calibration Date:	01/23/12 07:50
Sequence:	S001784	Injection Date:	02/02/12
Lab Sample ID:	S001784-CCV1	Injection Time:	10:59

		CONC. (µg/mL)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Phenol-d6	A	50.0	49.7	0.8380514	0.8336942		-0.5	
Nitrobenzene-d5	A	50.0	50.4	0.3756518	0.3784268		0.7	
2-Fluorobiphenyl	A	50.0	49.8	1.108396	1.104879		-0.3	
2,4,6-Tribromophenol	A	50.0	55.3	0.2006818	0.2220668		10.7	
Terphenyl-d14	A	50.0	59.5	0.770947	0.9321994		20.9	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration

mcf

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	78233	40.00	ug/ml	-0.05
19) NAPHTHALENE-d8	5.326	136	171157	40.00	ug/ml	-0.06
35) ACENAPHTHENE-D10	7.114	164	125238	40.00	ug/ml	-0.08
57) PHENANTHRENE-D10	9.382	188	260337	40.00	ug/ml	-0.10
70) CHRYSENE-D12	14.321	240	156146	40.00	ug/ml	-0.13
79) PERYLENE-D12	16.842	264	122084	40.00	ug/ml	-0.14
System Monitoring Compounds						
2) 2-Fluorophenol	3.272	112	65165	50.41	ug/ml	-0.06
Spiked Amount 200.000	Range 30 - 130		Recovery =	25.20%#		
3) Phenol-d6	4.124	99	81528	49.74	ug/ml	-0.05
Spiked Amount 200.000	Range 30 - 130		Recovery =	24.87%#		
20) Nitrobenzene-d5	4.795	82	80963	50.37	ug/ml	-0.05
Spiked Amount 100.000	Range 30 - 130		Recovery =	50.37%		
36) 2-Fluorobiphenyl	6.324	172	172966	49.84	ug/ml	-0.07
Spiked Amount 100.000	Range 30 - 130		Recovery =	49.84%		
37) 2,4,6-Tribromophenol	8.251	330	34764	55.33	ug/ml	-0.09
Spiked Amount 200.000	Range 30 - 130		Recovery =	27.66%#		
71) Terphenyl-d14	12.416	244	181949	59.46	ug/ml	-0.12
Spiked Amount 100.000	Range 30 - 130		Recovery =	59.46%		
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.208	42	30004	43.77	ug/ml	99
5) Pyridine	1.242	79	60986	46.39	ug/ml#	66
6) Aniline	4.120	93	105365	51.52	ug/ml#	60
7) Phenol	4.136	94	93629	48.81	ug/ml#	54
8) Bis(2-chloroethyl)ether	4.186	93	63053	48.62	ug/ml	96
9) 2-Chlorophenol	4.211	128	73488	50.68	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	90130	50.87	ug/ml	100
11) 1,4-Dichlorobenzene	4.385	146	91537	50.21	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	84865	50.49	ug/ml	100
13) 2- METHYLPHENOL	4.593	108	62930	48.75	ug/ml	98
14) Bis(2-Chloroisopropyl)...	4.599	45	77919	46.38	ug/ml	95
15) Acetophenone	4.689	105	100582	49.63	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	149693	100.07	ug/ml#	72
17) N-Nitroso-Di-N-Propyla...	4.699	70	52764	57.87	ug/ml	99
18) Hexachloroethane	4.751	117	37685	52.83	ug/ml	100
21) NITROBENZENE	4.810	77	81828	49.85	ug/ml	98
22) Isophorone	4.991	82	147978	53.13	ug/ml	99
23) 2-Nitrophenol	5.044	139	44407	56.95	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	64667	53.55	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.155	93	80150	52.58	ug/ml	98
26) Benzoic Acid	5.193	122	48744	62.70	ug/ml	97
27) 2,4-Dichlorophenol	5.227	162	69569	52.70	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	78392	51.33	ug/ml	100
29) Naphthalene	5.345	128	214666	50.45	ug/ml	100
30) 4-Chloroaniline	5.398	127	94346	56.02	ug/ml	97
31) Hexachlorobutadiene	5.451	225	50362	53.16	ug/ml	99
32) 4-Chloro-3-Methylphenol	5.821	107	75547	55.58	ug/ml	99
33) 2-MethylNaphthalene	5.945	142	161248	51.96	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	142511	52.45	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	55091	54.27	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.113	216	87312	50.62	ug/ml	100

CHECKED BY: BRIAN LAGUEDY 2/7/12

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration

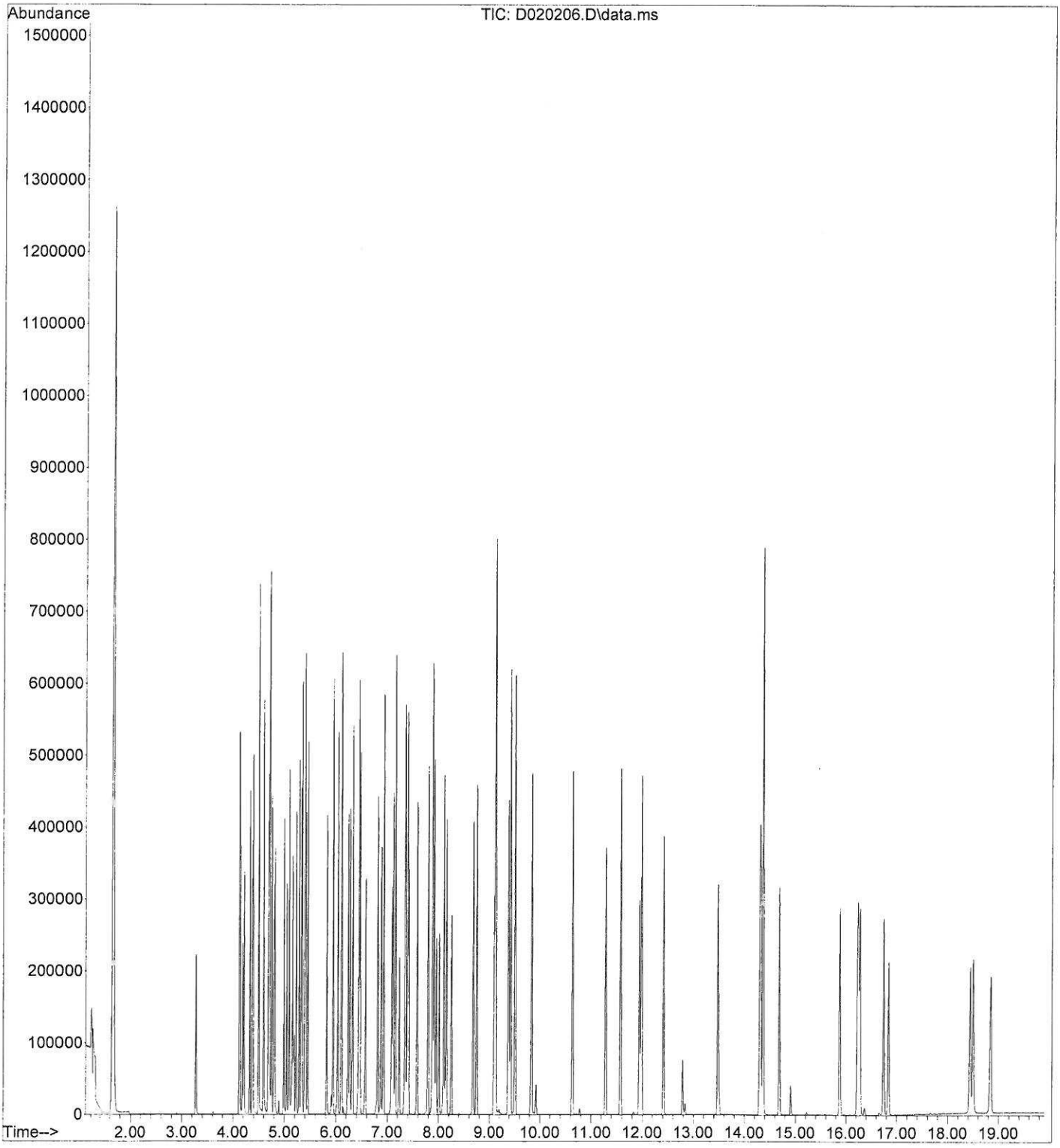
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2,4,6-Trichlorophenol	6.237	196	61161	54.07	ug/ml	99
41) 2,4,5-Trichlorophenol	6.271	196	63478	52.12	ug/ml	98
42) 2-ChloroNaphthalene	6.445	162	202072	54.00	ug/ml	100
43) 2-Nitroaniline	6.576	65	58263	55.11	ug/ml	98
44) DIMETHYL PHTHALATE	6.812	163	213135	56.42	ug/ml	100
45) 2,6-DinitroToluene	6.880	165	54191	56.97	ug/ml	99
46) Acenaphthylene	6.927	152	279687	52.29	ug/ml	100
47) 3-Nitroaniline	7.089	138	57602	57.33	ug/ml	99
48) Acenaphthene	7.157	154	165873	52.14	ug/ml	99
49) 2,4-Dinitrophenol	7.232	184	34528	61.80	ug/ml	98
50) 4-Nitrophenol	7.356	109	37674	51.30	ug/ml	94
51) Dibenzofuran	7.390	168	263443	51.08	ug/ml	97
52) 2,4-Dinitrotoluene	7.415	165	77628	52.90	ug/ml#	87
53) DIETHYL PHTHALATE	7.794	149	237464	54.81	ug/ml	99
54) 4-Chlorophenyl phenyl ...	7.912	204	110685	52.51	ug/ml	99
55) Flourene	7.881	166	224809	50.64	ug/ml	100
56) 4-Nitroaniline	7.956	138	56682	52.14	ug/ml	92
58) 4,6-Dinitro-2-Methylph...	8.012	198	47924	60.49	ug/ml	98
59) N-Nitrosodiphenylamine	8.105	169	144838	58.78	ug/ml	100
60) 1,2-Diphenylhydrazine	8.155	77	215220	54.70	ug/ml	98
61) 4-Bromophenyl phenyl e...	8.680	248	68092	57.07	ug/ml	98
62) Hexachlorobenzene	8.748	284	79917	55.68	ug/ml	98
63) Pentachlorophenol	9.100	266	53936	60.87	ug/ml	98
64) Pentachloronitrobenzene	9.124	295	13131	55.72	ug/ml	94
65) Phenanthrene	9.426	178	328890	51.43	ug/ml	100
66) Anthracene	9.513	178	332944	52.16	ug/ml	100
67) Carbazole	9.839	167	278916	49.31	ug/ml	99
68) Di-N-Butyl Phthalate	10.638	149	372348	48.10	ug/ml	100
69) Flouranthene	11.580	202	300281	45.13	ug/ml	100
72) Benzidine	11.944	184	167260	130.40	ug/ml	99
73) Pyrene	11.984	202	302212	59.87	ug/ml	100
74) Butylbenzyl phthalate	13.479	149	112754	57.14	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.368	252	129656	120.00	ug/ml	99
76) Benzo(a)anthracene	14.303	228	210752	52.76	ug/ml	100
77) Chrysene	14.368	228	204829	53.03	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.685	149	145937	57.77	ug/ml	99
80) Di-n-octylphthalate	15.875	149	222298	56.19	ug/ml	100
81) Benzo(b)fluoranthene	16.230	252	183202	50.66	ug/ml	99
82) Benzo(k)fluoranthene	16.282	252	174667	50.12	ug/ml	98
83) Benzo(a)pyrene	16.749	252	163982	51.03	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.443	276	144491	58.10	ug/ml	99
85) Dibenz(a,h)anthracene	18.502	278	139238	55.19	ug/ml	99
86) Benzo(g,h,i)perylene	18.850	276	149661	55.91	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\020212\
Data File : D020206.D
Acq On : 2 Feb 2012 10:59 am
Operator : BGL
Sample : 8270STD 50 PPM 011912 IS Inst : GCMSSV4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 02 11:28:45 2012
Quant Method : C:\msdchem\1\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Thu Feb 02 10:51:22 2012
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S001784-CCV1)			*Lab File ID: D020206.D*			*Analyzed: 02/02/12 10:59*			
1,4-Dichlorobenzene-d4	78233	4.372	65603	4.716	119	50 - 200	-0.3440	+/-0.50	
Naphthalene-d8	171157	5.326	152418	5.705	112	50 - 200	-0.3790	+/-0.50	
Acenaphthene-d10	125238	7.114	99370	7.638	126	50 - 200	-0.5240	+/-0.50	
Phenanthrene-d10	260337	9.382	224461	10.006	116	50 - 200	-0.6240	+/-0.50	
Chrysene-d12	156146	14.321	205503	14.982	76	50 - 200	-0.6610	+/-0.50	
Perylene-d12	122084	16.842	149939	17.475	81	50 - 200	-0.6330	+/-0.50	
Blank (B045341-BLK1)			*Lab File ID: D020207.D*			*Analyzed: 02/02/12 11:30*			
1,4-Dichlorobenzene-d4	65241	4.372	78233	4.372	83	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	146113	5.323	171157	5.326	85	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	87815	7.107	125238	7.114	70	50 - 200	-0.0070	+/-0.50	
Phenanthrene-d10	184462	9.373	260337	9.382	71	50 - 200	-0.0090	+/-0.50	
Chrysene-d12	221829	14.312	156146	14.321	142	50 - 200	-0.0090	+/-0.50	
Perylene-d12	141227	16.833	122084	16.842	116	50 - 200	-0.0090	+/-0.50	
LCS (B045341-BS1)			*Lab File ID: D020208.D*			*Analyzed: 02/02/12 11:56*			
1,4-Dichlorobenzene-d4	71227	4.372	78233	4.372	91	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	145136	5.326	171157	5.326	85	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	102932	7.11	125238	7.114	82	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	232854	9.379	260337	9.382	89	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	142567	14.306	156146	14.321	91	50 - 200	-0.0150	+/-0.50	
Perylene-d12	104238	16.82	122084	16.842	85	50 - 200	-0.0220	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B045341-BSD1)			*Lab File ID: D020209.D*			*Analyzed: 02/02/12 12:23*			
1,4-Dichlorobenzene-d4	74257	4.372	78233	4.372	95	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	154047	5.326	171157	5.326	90	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	96605	7.111	125238	7.114	77	50 - 200	-0.0030	+/-0.50	
Phenanthrene-d10	215872	9.379	260337	9.382	83	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	130265	14.306	156146	14.321	83	50 - 200	-0.0150	+/-0.50	
Perylene-d12	89140	16.817	122084	16.842	73	50 - 200	-0.0250	+/-0.50	
Matrix Spike (B045341-MS1)			*Lab File ID: D020210.D*			*Analyzed: 02/02/12 12:49*			
1,4-Dichlorobenzene-d4	75057	4.372	78233	4.372	96	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	150370	5.326	171157	5.326	88	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	92516	7.11	125238	7.114	74	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	219826	9.376	260337	9.382	84	50 - 200	-0.0060	+/-0.50	
Chrysene-d12	145469	14.296	156146	14.321	93	50 - 200	-0.0250	+/-0.50	
Perylene-d12	98616	16.808	122084	16.842	81	50 - 200	-0.0340	+/-0.50	
Matrix Spike Dup (B045341-MSD1)			*Lab File ID: D020211a.D*			*Analyzed: 02/02/12 14:35*			
1,4-Dichlorobenzene-d4	54950	4.369	78233	4.372	70	50 - 200	-0.0030	+/-0.50	
Naphthalene-d8	131971	5.323	171157	5.326	77	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	91084	7.11	125238	7.114	73	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	176411	9.379	260337	9.382	68	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	134638	14.303	156146	14.321	86	50 - 200	-0.0180	+/-0.50	
Perylene-d12	147498	16.814	122084	16.842	121	50 - 200	-0.0280	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB02 (12A0882-02)			*Lab File ID: D020214.D*			*Analyzed: 02/02/12 15:28*			
1,4-Dichlorobenzene-d4	55735	4.372	78233	4.372	71	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	164484	5.323	171157	5.326	96	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	123374	7.11	125238	7.114	99	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	158995	9.379	260337	9.382	61	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	189104	14.299	156146	14.321	121	50 - 200	-0.0220	+/-0.50	
Perylene-d12	123109	16.82	122084	16.842	101	50 - 200	-0.0220	+/-0.50	
FPC-SB02/D (12A0882-03)			*Lab File ID: D020215.D*			*Analyzed: 02/02/12 15:54*			
1,4-Dichlorobenzene-d4	60955	4.372	78233	4.372	78	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	169489	5.326	171157	5.326	99	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	120649	7.11	125238	7.114	96	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	170902	9.379	260337	9.382	66	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	242459	14.309	156146	14.321	155	50 - 200	-0.0120	+/-0.50	
Perylene-d12	146361	16.823	122084	16.842	120	50 - 200	-0.0190	+/-0.50	
FPC-SB03 (12A0882-04)			*Lab File ID: D020216.D*			*Analyzed: 02/02/12 16:20*			
1,4-Dichlorobenzene-d4	47325	4.372	78233	4.372	60	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	123278	5.323	171157	5.326	72	50 - 200	-0.0030	+/-0.50	
Acenaphthene-d10	86005	7.11	125238	7.114	69	50 - 200	-0.0040	+/-0.50	
Phenanthrene-d10	149271	9.379	260337	9.382	57	50 - 200	-0.0030	+/-0.50	
Chrysene-d12	183169	14.299	156146	14.321	117	50 - 200	-0.0220	+/-0.50	
Perylene-d12	129517	16.814	122084	16.842	106	50 - 200	-0.0280	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8270D

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001784	Instrument:	GCMSSV4
		Calibration:	1200012

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
FPC-SB01 (12A0882-01)			*Lab File ID: D020218.D*			*Analyzed: 02/02/12 16:50*			
1,4-Dichlorobenzene-d4	67504	4.372	78233	4.372	86	50 - 200	0.0000	+/-0.50	
Naphthalene-d8	182728	5.326	171157	5.326	107	50 - 200	0.0000	+/-0.50	
Acenaphthene-d10	109622	7.114	125238	7.114	88	50 - 200	0.0000	+/-0.50	
Phenanthrene-d10	165473	9.382	260337	9.382	64	50 - 200	0.0000	+/-0.50	
Chrysene-d12	234075	14.312	156146	14.321	150	50 - 200	-0.0090	+/-0.50	
Perylene-d12	121766	16.833	122084	16.842	100	50 - 200	-0.0090	+/-0.50	

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QC DATA

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene		0.080	0.17	
208-96-8	Acenaphthylene		0.080	0.17	
98-86-2	Acetophenone		0.12	0.34	
62-53-3	Aniline		0.11	0.34	
120-12-7	Anthracene		0.080	0.17	
92-87-5	Benzidine		0.080	0.34	L-04, V-20
56-55-3	Benzo(a)anthracene		0.080	0.17	
50-32-8	Benzo(a)pyrene		0.090	0.17	
205-99-2	Benzo(b)fluoranthene		0.090	0.17	
191-24-2	Benzo(g,h,i)perylene		0.070	0.17	
207-08-9	Benzo(k)fluoranthene		0.10	0.17	
65-85-0	Benzoic Acid		0.15	1.0	L-04, V-20
111-91-1	Bis(2-chloroethoxy)methane		0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether		0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether		0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate		0.10	0.34	
101-55-3	4-Bromophenylphenylether		0.070	0.34	
85-68-7	Butylbenzylphthalate		0.11	0.66	
86-74-8	Carbazole		0.080	0.17	
106-47-8	4-Chloroaniline		0.090	0.66	
59-50-7	4-Chloro-3-methylphenol		0.10	0.66	
91-58-7	2-Chloronaphthalene		0.070	0.34	
95-57-8	2-Chlorophenol		0.090	0.34	
7005-72-3	4-Chlorophenylphenylether		0.12	0.34	
218-01-9	Chrysene		0.080	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
53-70-3	Dibenz(a,h)anthracene		0.070	0.17	
132-64-9	Dibenzofuran		0.080	0.34	
84-74-2	Di-n-butylphthalate		0.080	0.34	
95-50-1	1,2-Dichlorobenzene		0.080	0.34	
541-73-1	1,3-Dichlorobenzene		0.080	0.34	
106-46-7	1,4-Dichlorobenzene		0.080	0.34	
91-94-1	3,3-Dichlorobenzidine		0.060	0.17	
120-83-2	2,4-Dichlorophenol		0.080	0.34	
84-66-2	Diethylphthalate		0.10	0.34	
105-67-9	2,4-Dimethylphenol		0.070	0.34	
131-11-3	Dimethylphthalate		0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol		0.040	0.34	V-20
51-28-5	2,4-Dinitrophenol		0.040	0.66	V-20
121-14-2	2,4-Dinitrotoluene		0.11	0.34	
606-20-2	2,6-Dinitrotoluene		0.11	0.34	
117-84-0	Di-n-octylphthalate		0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)		0.080	0.34	
206-44-0	Fluoranthene		0.070	0.17	
86-73-7	Fluorene		0.090	0.17	
118-74-1	Hexachlorobenzene		0.080	0.34	
87-68-3	Hexachlorobutadiene		0.060	0.34	
77-47-4	Hexachlorocyclopentadiene		0.060	0.66	
67-72-1	Hexachloroethane		0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene		0.070	0.17	
78-59-1	Isophorone		0.10	0.34	
90-12-0	1-Methylnaphthalene		0.10	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BLK1	File ID:	D020207.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:30
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
91-57-6	2-Methylnaphthalene		0.10	0.17	
95-48-7	2-Methylphenol		0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol		0.16	0.34	
91-20-3	Naphthalene		0.070	0.17	
88-74-4	2-Nitroaniline		0.10	0.34	
99-09-2	3-Nitroaniline		0.10	0.34	
100-01-6	4-Nitroaniline		0.12	0.34	
98-95-3	Nitrobenzene		0.070	0.34	
88-75-5	2-Nitrophenol		0.050	0.34	
100-02-7	4-Nitrophenol		0.040	0.66	
62-75-9	N-Nitrosodimethylamine		0.060	0.34	
86-30-6	N-Nitrosodiphenylamine		0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine		0.13	0.34	
82-68-8	Pentachloronitrobenzene		0.11	0.34	
87-86-5	Pentachlorophenol		0.060	0.34	V-20
85-01-8	Phenanthrene		0.080	0.17	
108-95-2	Phenol		0.090	0.34	
129-00-0	Pyrene		0.10	0.17	
110-86-1	Pyridine		0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene		0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene		0.060	0.34	
95-95-4	2,4,5-Trichlorophenol		0.10	0.34	
88-06-2	2,4,6-Trichlorophenol		0.070	0.34	
	No TICs Found	0.0			

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 09:15:18 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

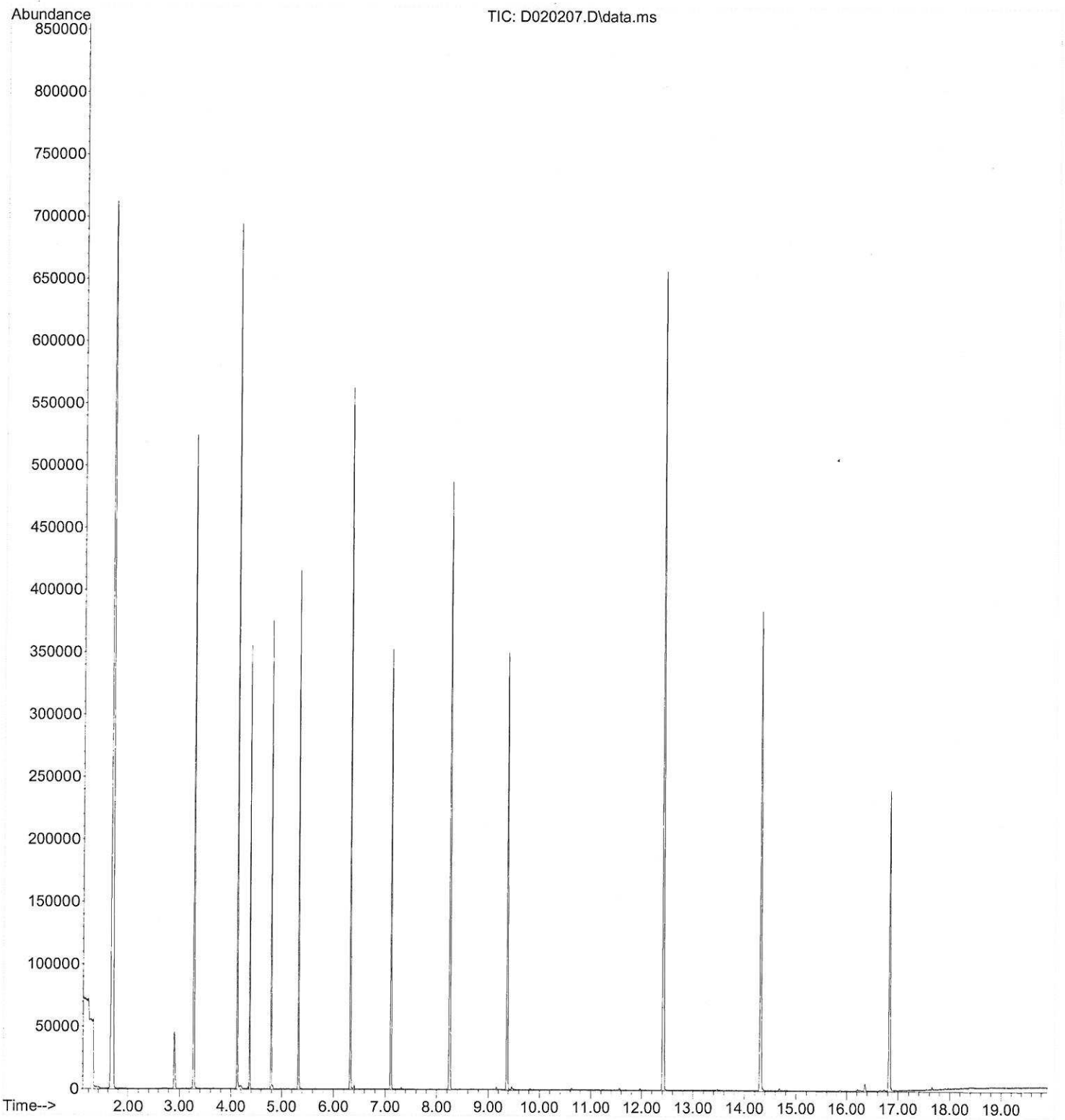
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	65241	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	146113	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.107	164	87815	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.373	188	184462	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.312	240	221829	40.00	ug/ml	0.00
79) PERYLENE-D12	16.833	264	141227	40.00	ug/ml	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	145398	134.89	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 67.44%			
3) Phenol-d6	4.127	99	187024	136.83	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 68.42%			
20) Nitrobenzene-d5	4.792	82	88087	64.19	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 64.19%			
36) 2-Fluorobiphenyl	6.321	172	168220	69.13	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 69.13%			
37) 2,4,6-Tribromophenol	8.248	330	64339	146.04	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.02%			
71) Terphenyl-d14	12.422	244	315777	72.64	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 72.64%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.199	42	1237	2.16	ug/ml#	1
17) N-Nitroso-Di-N-Propyla...	4.792	70	12299	16.18	ug/ml#	76

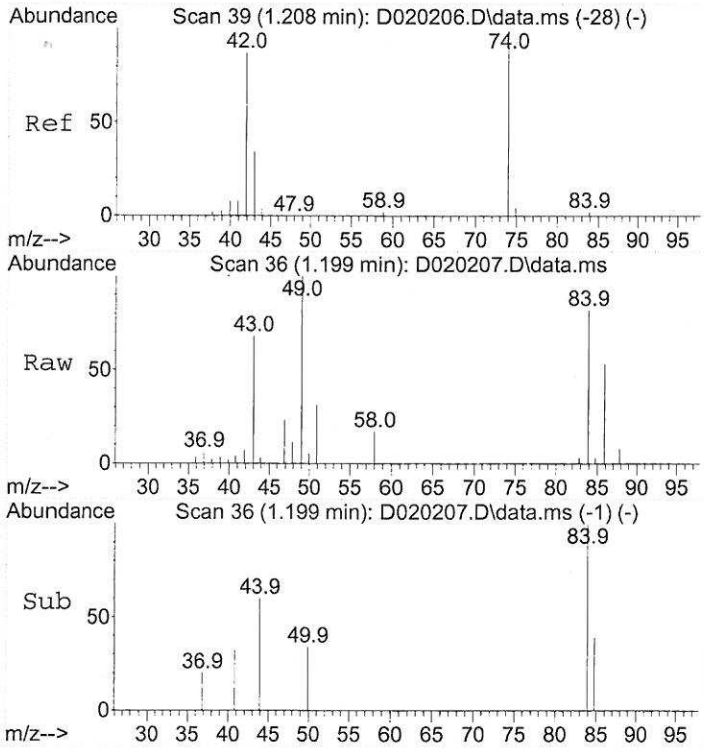
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S Inst : GCMSSV4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 03 09:15:18 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

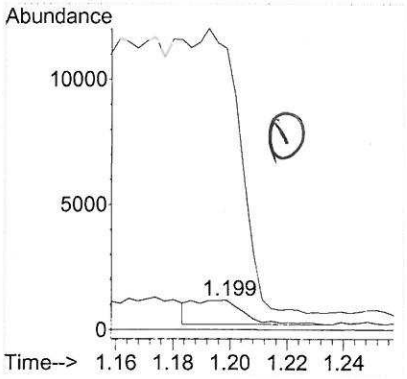


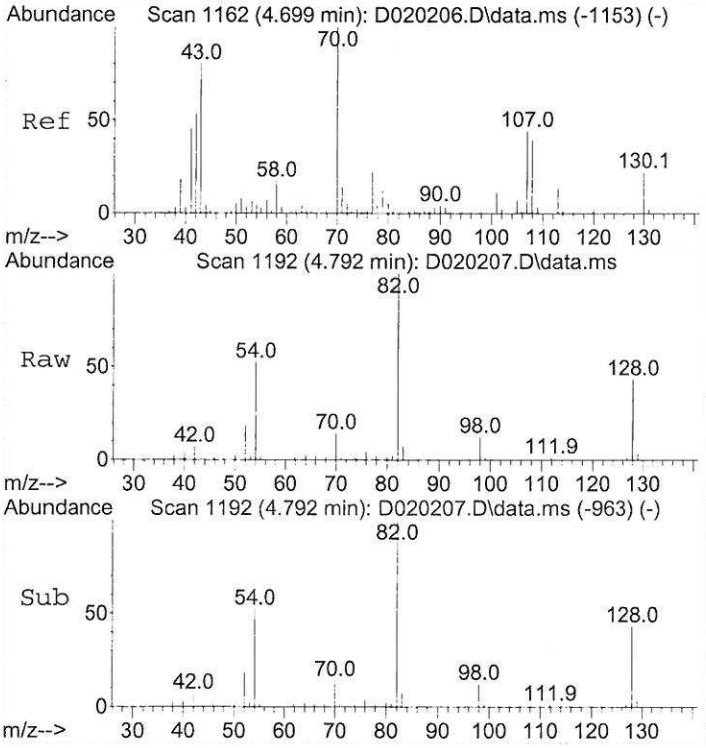


#4
N-Nitrosodimethylamine
Concen: 2.16 ug/ml
RT: 1.199 min Scan# 36
Delta R.T. -0.009 min
Lab File: D020207.D
Acq: 2 Feb 2012 11:30 am

Tgt Ion: 42 Resp: 1237

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.4	144.6#
43	919.0	34.2	51.4#

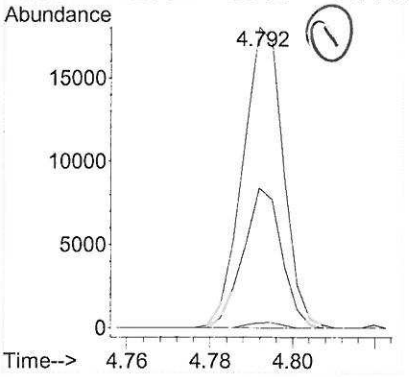




#17
N-Nitroso-Di-N-Propylamine
Concen: 16.18 ug/ml
RT: 4.792 min Scan# 1192
Delta R.T. 0.093 min
Lab File: D020207.D
Acq: 2 Feb 2012 11:30 am

Tgt Ion: 70 Resp: 12299

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.4	66.6#
101	0.0	8.2	12.4#
130	1.5	18.0	27.0#



Tentatively Identified Compound (LSC) summary

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Toluene	1.681	256.7	ug/ml	1579280	1	4.372	246136	40.0
2-Pentanone, 4-...	2.899	10.6	ug/ml	65064	1	4.372	246136	40.0

LSC Area Percent Report

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : O:\METHODS\BND01232.M
Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

Signal : TIC: D020207.D\data.ms

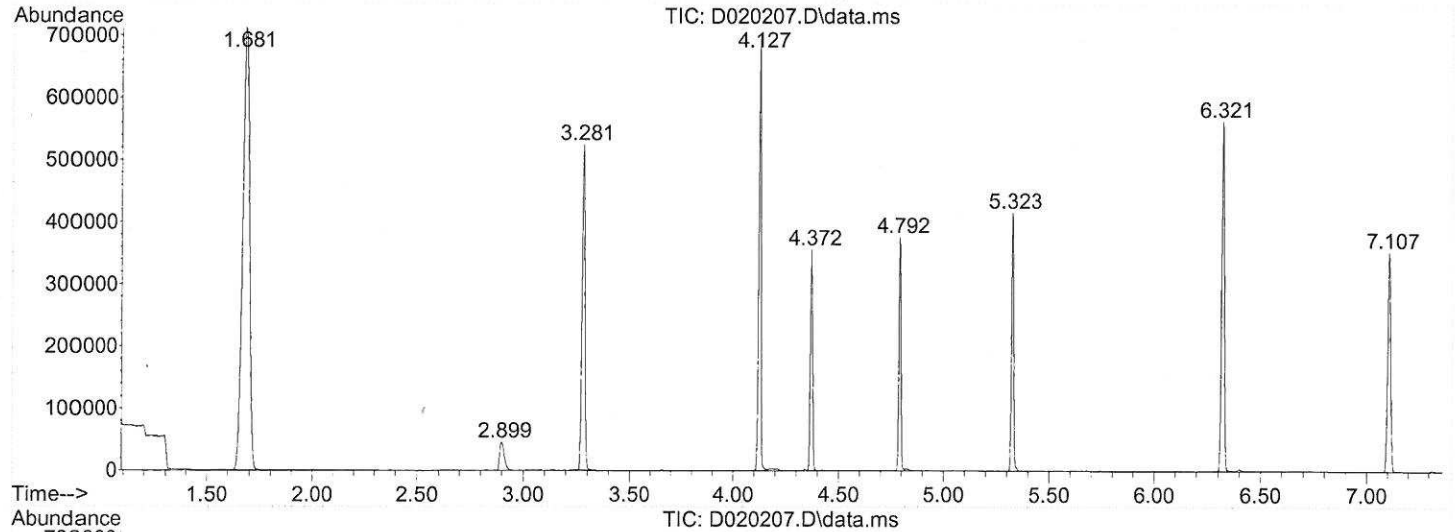
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	172	191	215	rVB	711620	1579278	100.00%	22.347%
2	2.899	576	583	601	rVB2	45367	65064	4.12%	0.921%
3	3.281	698	706	719	rBV	523874	496291	31.43%	7.023%
4	4.127	971	978	990	rBV	693985	515793	32.66%	7.299%
5	4.372	1051	1057	1071	rBV	354996	246136	15.59%	3.483%
6	4.792	1187	1192	1200	rBV	375170	256207	16.22%	3.625%
7	5.323	1358	1363	1377	rBV	415220	295793	18.73%	4.186%
8	6.321	1677	1684	1699	rBV	562482	478838	30.32%	6.776%
9	7.107	1929	1937	1945	rBV	352692	341009	21.59%	4.825%
10	8.248	2294	2304	2320	rBV	487228	544675	34.49%	7.707%
11	9.373	2654	2666	2681	rBV	350013	431206	27.30%	6.102%
12	12.422	3633	3647	3659	rBV2	656592	911598	57.72%	12.899%
13	14.312	4240	4255	4266	rBV	383963	551834	34.94%	7.809%
14	16.833	5051	5066	5084	rBV	240374	353345	22.37%	5.000%

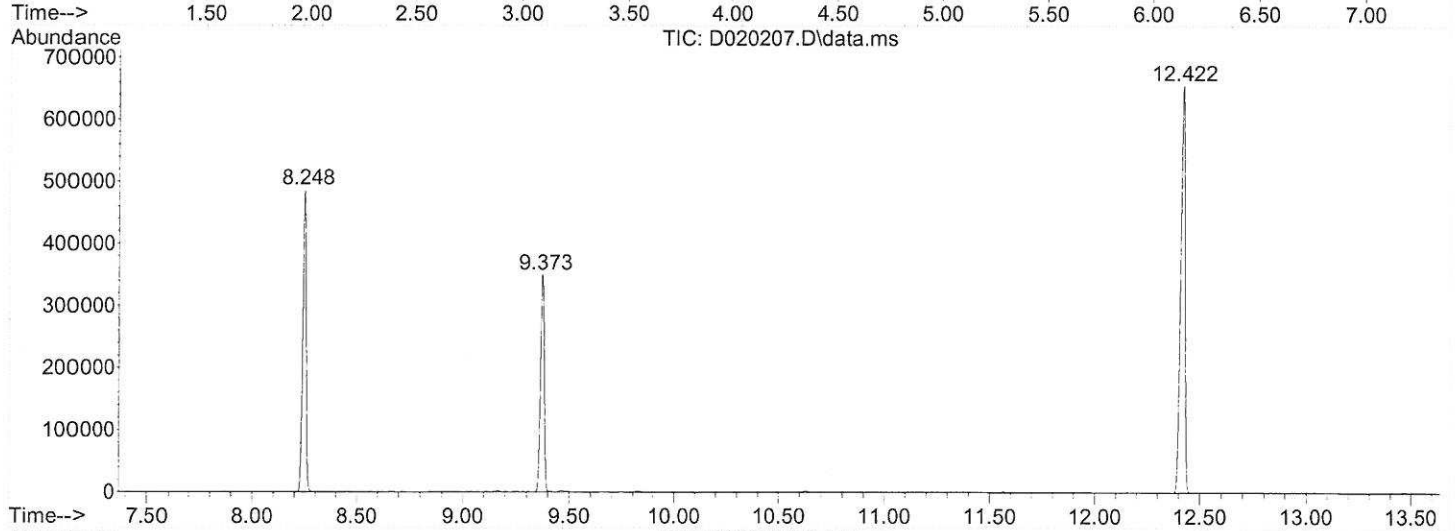
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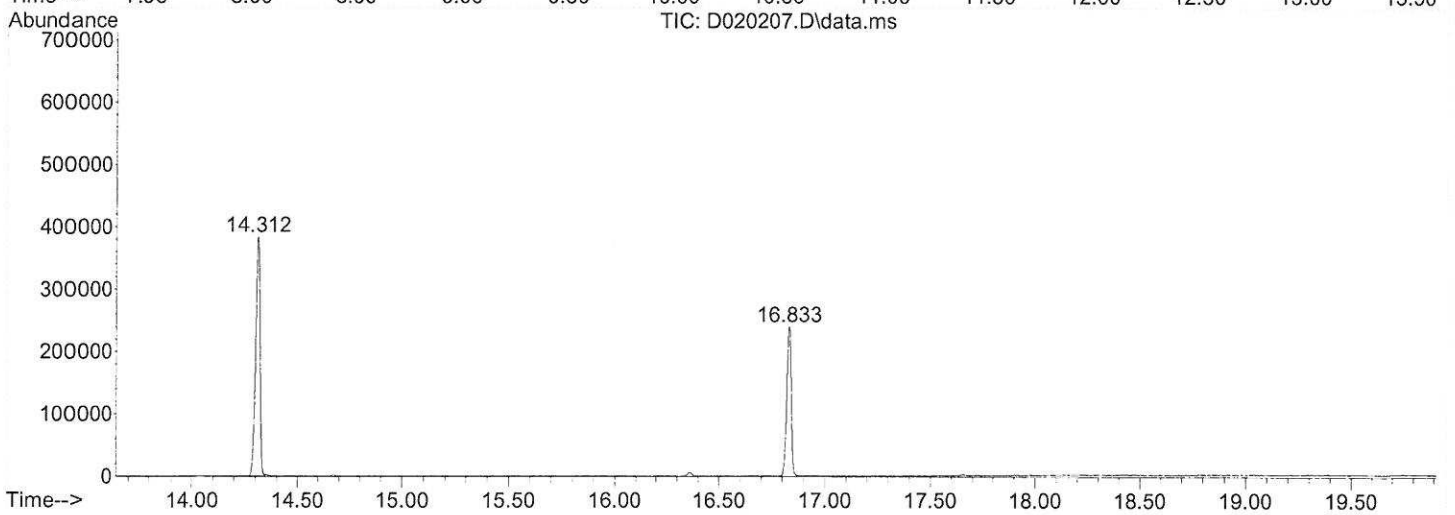
Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p







Library Search Compound Report

Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

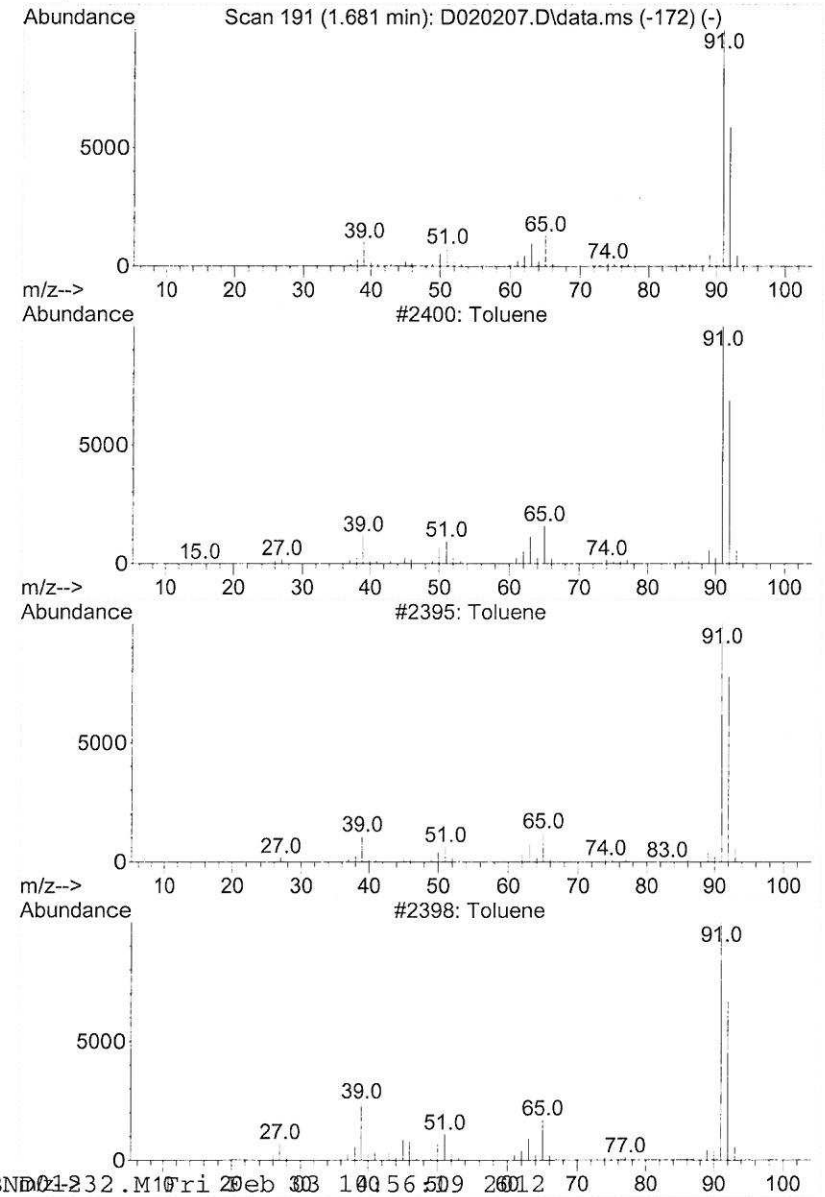
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

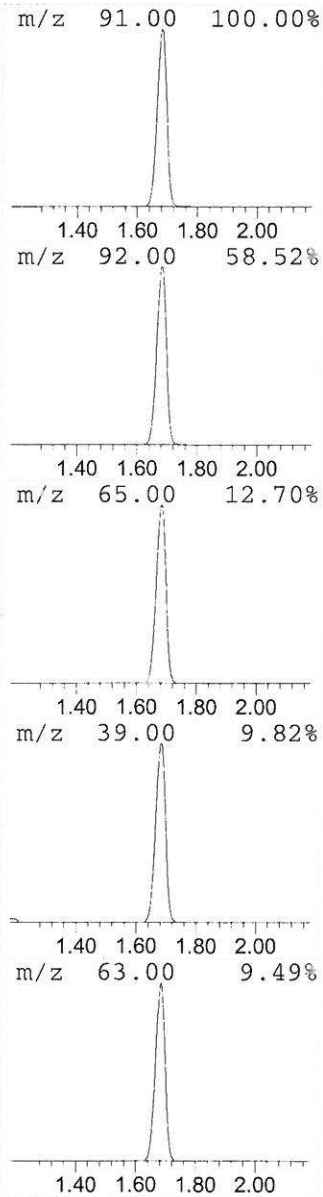
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Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.681	256.65 ug/ml	1579280	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





Data Path : O:\DATA\020212\
Data File : D020207.D
Acq On : 2 Feb 2012 11:30 am
Operator : BGL
Sample : b045341-blk1 @/ 1/31 8270S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)

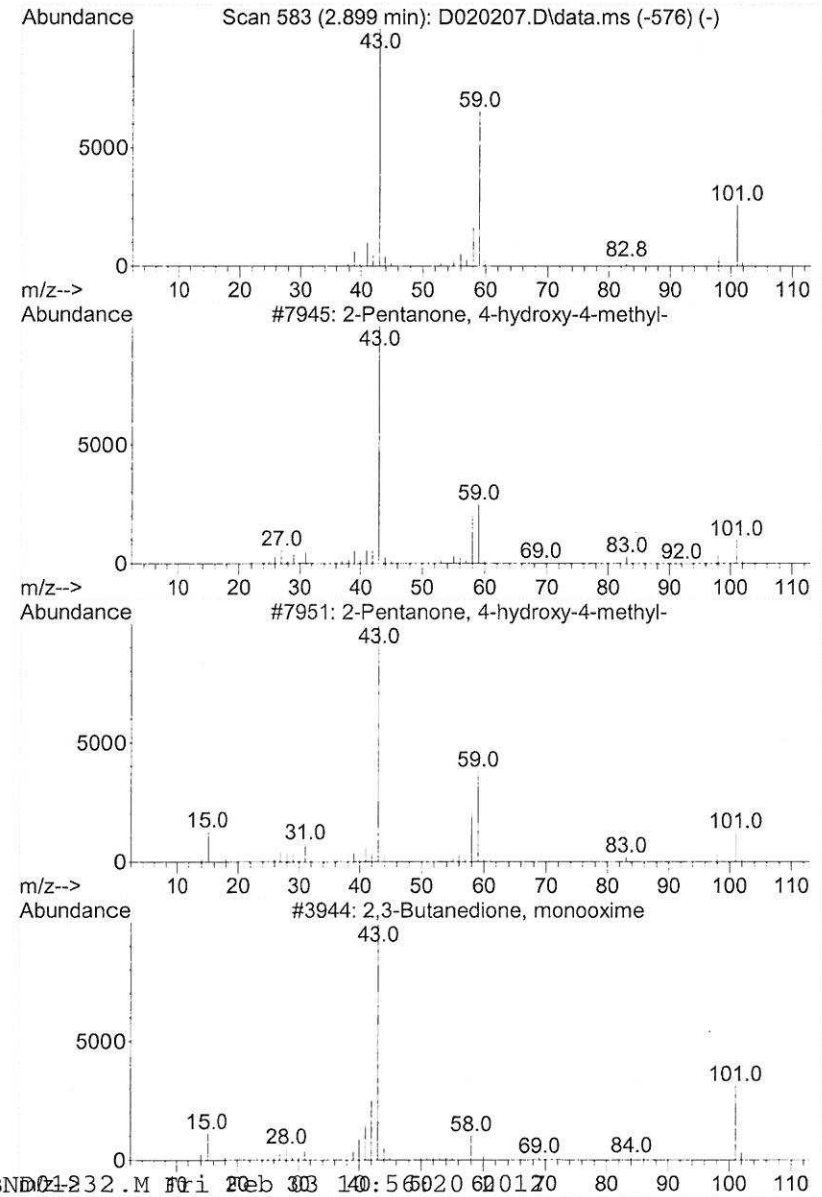
TIC Library : C:\Database\NIST05.L
TIC Integration Parameters: lscint.p

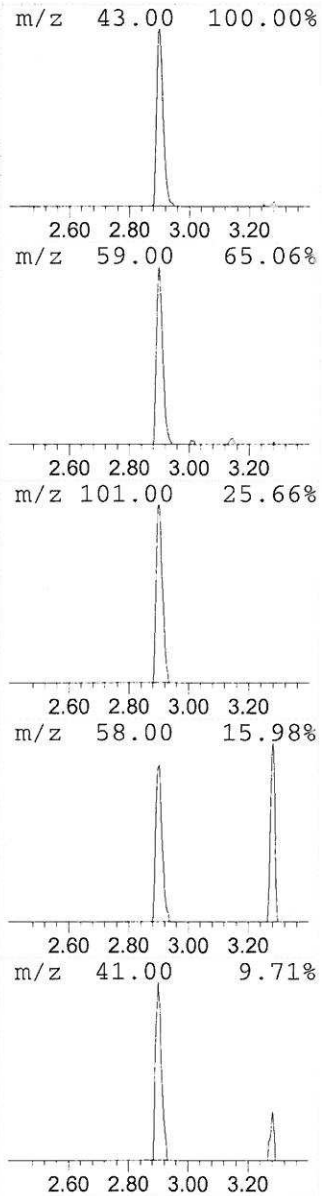
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.899	10.57 ug/ml	65064	1,4-Dichlorobenzene-D4	4.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene	1.34	0.080	0.17	
208-96-8	Acenaphthylene	1.32	0.080	0.17	
98-86-2	Acetophenone	1.17	0.12	0.34	
62-53-3	Aniline	0.622	0.11	0.34	
120-12-7	Anthracene	1.49	0.080	0.17	
92-87-5	Benzidine	0.551	0.080	0.34	L-04, V-06
56-55-3	Benzo(a)anthracene	1.50	0.080	0.17	
50-32-8	Benzo(a)pyrene	1.44	0.090	0.17	
205-99-2	Benzo(b)fluoranthene	1.42	0.090	0.17	
191-24-2	Benzo(g,h,i)perylene	1.50	0.070	0.17	
207-08-9	Benzo(k)fluoranthene	1.38	0.10	0.17	
65-85-0	Benzoic Acid		0.15	1.0	L-04, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.35	0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether	1.23	0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether	1.12	0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.85	0.10	0.34	
101-55-3	4-Bromophenylphenylether	1.54	0.070	0.34	
85-68-7	Butylbenzylphthalate	1.83	0.11	0.66	
86-74-8	Carbazole	1.52	0.080	0.17	
106-47-8	4-Chloroaniline	0.672	0.090	0.66	
59-50-7	4-Chloro-3-methylphenol	1.51	0.10	0.66	
91-58-7	2-Chloronaphthalene	1.17	0.070	0.34	
95-57-8	2-Chlorophenol	1.17	0.090	0.34	
7005-72-3	4-Chlorophenylphenylether	1.44	0.12	0.34	
218-01-9	Chrysene	1.43	0.080	0.17	
53-70-3	Dibenz(a,h)anthracene	1.51	0.070	0.17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
132-64-9	Dibenzofuran	1.34	0.080	0.34	
84-74-2	Di-n-butylphthalate	1.55	0.080	0.34	
95-50-1	1,2-Dichlorobenzene	1.14	0.080	0.34	
541-73-1	1,3-Dichlorobenzene	1.12	0.080	0.34	
106-46-7	1,4-Dichlorobenzene	1.12	0.080	0.34	
91-94-1	3,3-Dichlorobenzidine	1.17	0.060	0.17	
120-83-2	2,4-Dichlorophenol	1.35	0.080	0.34	
84-66-2	Diethylphthalate	1.60	0.10	0.34	
105-67-9	2,4-Dimethylphenol	1.40	0.070	0.34	
131-11-3	Dimethylphthalate	1.58	0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol	1.58	0.040	0.34	V-06
51-28-5	2,4-Dinitrophenol	1.49	0.040	0.66	V-06
121-14-2	2,4-Dinitrotoluene	1.51	0.11	0.34	
606-20-2	2,6-Dinitrotoluene	1.57	0.11	0.34	
117-84-0	Di-n-octylphthalate	1.74	0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.41	0.080	0.34	
206-44-0	Fluoranthene	1.48	0.070	0.17	
86-73-7	Fluorene	1.38	0.090	0.17	
118-74-1	Hexachlorobenzene	1.44	0.080	0.34	
87-68-3	Hexachlorobutadiene	1.28	0.060	0.34	
77-47-4	Hexachlorocyclopentadiene	1.27	0.060	0.66	
67-72-1	Hexachloroethane	1.19	0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene	1.56	0.070	0.17	
78-59-1	Isophorone	1.34	0.10	0.34	
90-12-0	1-Methylnaphthalene	1.34	0.10	0.17	
91-57-6	2-Methylnaphthalene	1.21	0.10	0.17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BS1	File ID:	D020208.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 11:56
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
95-48-7	2-Methylphenol	1.25	0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol	1.64	0.16	0.34	
91-20-3	Naphthalene	1.21	0.070	0.17	
88-74-4	2-Nitroaniline	1.41	0.10	0.34	
99-09-2	3-Nitroaniline	1.20	0.10	0.34	
100-01-6	4-Nitroaniline	1.40	0.12	0.34	
98-95-3	Nitrobenzene	1.24	0.070	0.34	
88-75-5	2-Nitrophenol	1.37	0.050	0.34	
100-02-7	4-Nitrophenol	1.63	0.040	0.66	
62-75-9	N-Nitrosodimethylamine	1.11	0.060	0.34	
86-30-6	N-Nitrosodiphenylamine	2.04	0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine	1.39	0.13	0.34	
82-68-8	Pentachloronitrobenzene	1.68	0.11	0.34	
87-86-5	Pentachlorophenol	1.69	0.060	0.34	V-06
85-01-8	Phenanthrene	1.46	0.080	0.17	
108-95-2	Phenol	1.16	0.090	0.34	
129-00-0	Pyrene	1.90	0.10	0.17	
110-86-1	Pyridine	0.893	0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.28	0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.29	0.060	0.34	
95-95-4	2,4,5-Trichlorophenol	1.45	0.10	0.34	
88-06-2	2,4,6-Trichlorophenol	1.51	0.070	0.34	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CA 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	71227	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	145136	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	102932	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	232854	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.306	240	142567	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.820	264	104238	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.284	112	169756	144.25	ug/ml	0.01
Spiked Amount 200.000	Range 30 - 130		Recovery = 72.13%			
3) Phenol-d6	4.130	99	217853	145.99	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.00%			
20) Nitrobenzene-d5	4.795	82	106158	77.88	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 77.88%			
36) 2-Fluorobiphenyl	6.324	172	228880	80.25	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 80.25%			
37) 2,4,6-Tribromophenol	8.257	330	114306	221.35	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 110.67%			
71) Terphenyl-d14	12.416	244	340386	121.84	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 121.84%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.239	42	20845m	33.40	ug/ml	
5) Pyridine	1.286	79	32056	26.78	ug/ml#	59
6) Aniline	4.120	93	34760	18.67	ug/ml#	44
7) Phenol	4.139	94	60952	34.90	ug/ml	92
8) Bis(2-chloroethyl)ether	4.189	93	43575	36.91	ug/ml	97
9) 2-Chlorophenol	4.214	128	46335	35.10	ug/ml	100
10) 1,3-Dichlorobenzene	4.325	146	54275	33.65	ug/ml	100
11) 1,4-Dichlorobenzene	4.385	146	55620	33.51	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	52397	34.24	ug/ml	99
13) 2- METHYLPHENOL	4.596	108	43906	37.36	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	51456	33.64	ug/ml	94
15) Acetophenone	4.686	105	64897	35.17	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	66913	49.13	ug/ml#	59
17) N-Nitroso-Di-N-Propyla...	4.698	70	34549	41.62	ug/ml#	88
18) Hexachloroethane	4.751	117	23110	35.58	ug/ml	99
21) NITROBENZENE	4.810	77	51681	37.13	ug/ml	98
22) Isophorone	4.987	82	94758	40.12	ug/ml	100
23) 2-Nitrophenol	5.043	139	27252	41.22	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	43116	42.10	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.155	93	52190	40.37	ug/ml#	95
26) Benzoic Acid	5.137	122	2875	4.36	ug/ml#	65
27) 2,4-Dichlorophenol	5.230	162	45321	40.49	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	50295	38.84	ug/ml	100
29) Naphthalene	5.342	128	131251	36.38	ug/ml	100
30) 4-Chloroaniline	5.395	127	28778	20.15	ug/ml	97
31) Hexachlorobutadiene	5.447	225	30740	38.27	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.827	107	52053	45.16	ug/ml	98
33) 2-MethylNaphthalene	5.942	142	95687	36.36	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	92515	40.16	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	31781	38.09	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.109	216	54473	38.42	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	42231	45.43	ug/ml	99
41) 2,4,5-Trichlorophenol	6.277	196	43466	43.42	ug/ml	95

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

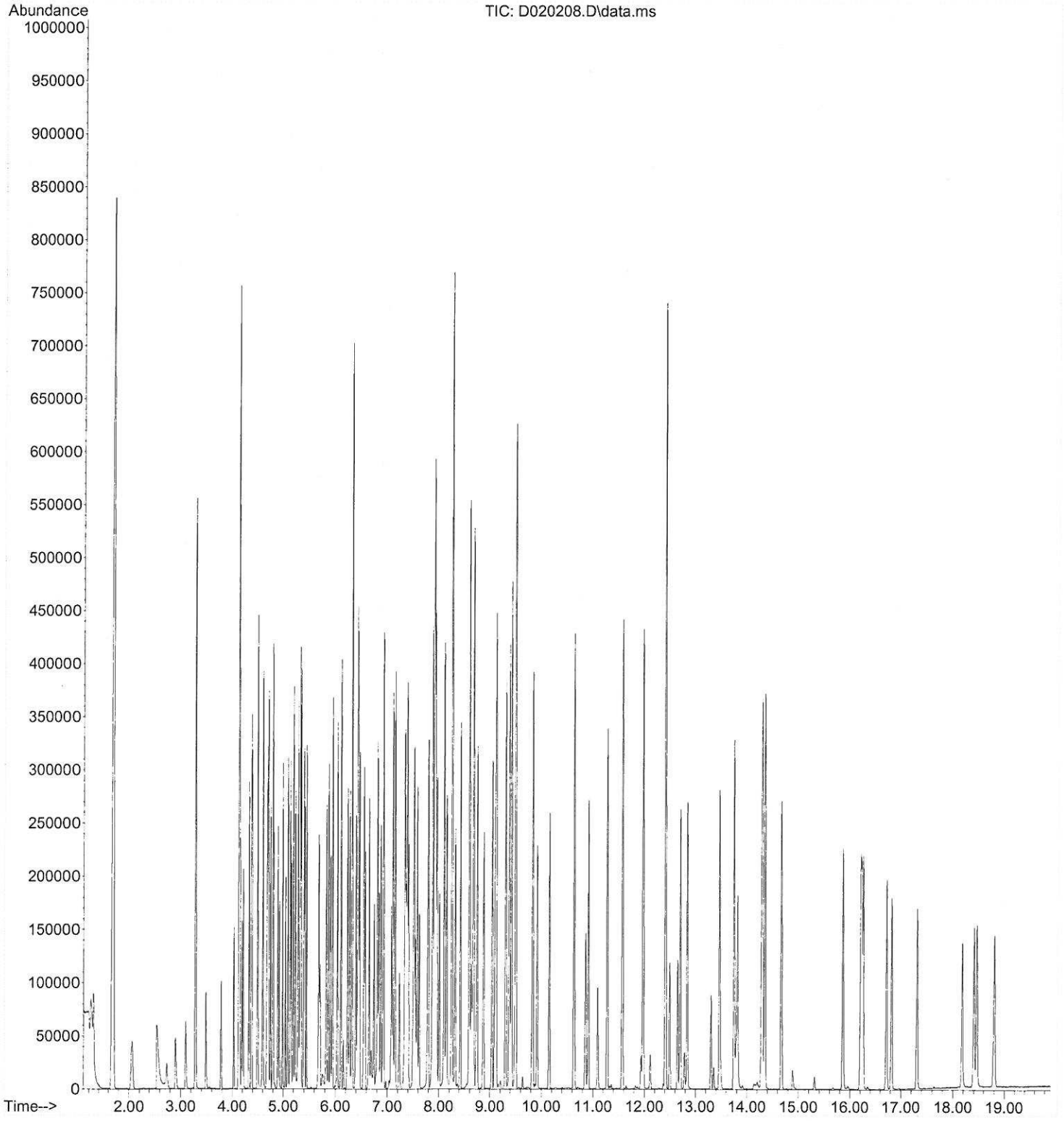
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-ChloroNaphthalene	6.442	162	107705	35.02	ug/ml	96
43) 2-Nitroaniline	6.573	65	36872	42.44	ug/ml	94
44) DIMETHYL PHTHALATE	6.812	163	147008	47.35	ug/ml	99
45) 2,6-DinitroToluene	6.877	165	36899	47.20	ug/ml	99
46) Acenaphthylene	6.927	152	173585	39.49	ug/ml	100
47) 3-Nitroaniline	7.079	138	29843	36.14	ug/ml	96
48) Acenaphthene	7.154	154	105440	40.33	ug/ml	99
49) 2,4-Dinitrophenol	7.235	184	18656	44.77	ug/ml	99
50) 4-Nitrophenol	7.365	109	29364	48.92	ug/ml#	13
51) Dibenzofuran	7.387	168	170769	40.29	ug/ml#	68
52) 2,4-Dinitrotoluene	7.412	165	54661	45.32	ug/ml#	89
53) DIETHYL PHTHALATE	7.794	149	171035	48.03	ug/ml	98
54) 4-Chlorophenyl phenyl ...	7.909	204	75000	43.29	ug/ml	98
55) Flourene	7.878	166	151618	41.55	ug/ml	99
56) 4-Nitroaniline	7.956	138	37548	42.02	ug/ml	98
58) 4,6-Dinitro-2-Methylph...	8.009	198	32027	47.50	ug/ml	100
59) N-Nitrosodiphenylamine	8.102	169	134999	61.25	ug/ml	98
60) 1,2-Diphenylhydrazine	8.152	77	148479	42.19	ug/ml	99
61) 4-Bromophenyl phenyl e...	8.677	248	49209	46.11	ug/ml	98
62) Hexachlorobenzene	8.745	284	55313	43.09	ug/ml	99
63) Pentachlorophenol	9.103	266	40142	50.65	ug/ml	98
64) Pentachloronitrobenzene	9.124	295	10593	50.26	ug/ml	95
65) Phenanthrene	9.423	178	251037	43.89	ug/ml	100
66) Anthracene	9.507	178	254892	44.64	ug/ml	100
67) Carbazole	9.836	167	230149	45.49	ug/ml	100
68) Di-N-Butyl Phthalate	10.635	149	321126	46.38	ug/ml	100
69) Flouranthene	11.574	202	263670	44.31	ug/ml	99
72) Benzidine	11.934	184	19362	16.53	ug/ml	99
73) Pyrene	11.978	202	263308	57.13	ug/ml	100
74) Butylbenzyl phthalate	13.466	149	99151	55.03	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.349	252	34558	35.03	ug/ml	99
76) Benzo(a)anthracene	14.293	228	164101	44.99	ug/ml	99
77) Chrysene	14.355	228	150829	42.77	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.672	149	128007	55.50	ug/ml	99
80) Di-n-octylphthalate	15.860	149	175876	52.07	ug/ml	100
81) Benzo(b)fluoranthene	16.208	252	131364	42.55	ug/ml	98
82) Benzo(k)fluoranthene	16.261	252	123648	41.55	ug/ml	97
83) Benzo(a)pyrene	16.724	252	118471	43.18	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.408	276	99137	46.69	ug/ml	99
85) Dibenz(a,h)anthracene	18.464	278	97646	45.33	ug/ml	99
86) Benzo(g,h,i)perylene	18.806	276	102989	45.06	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

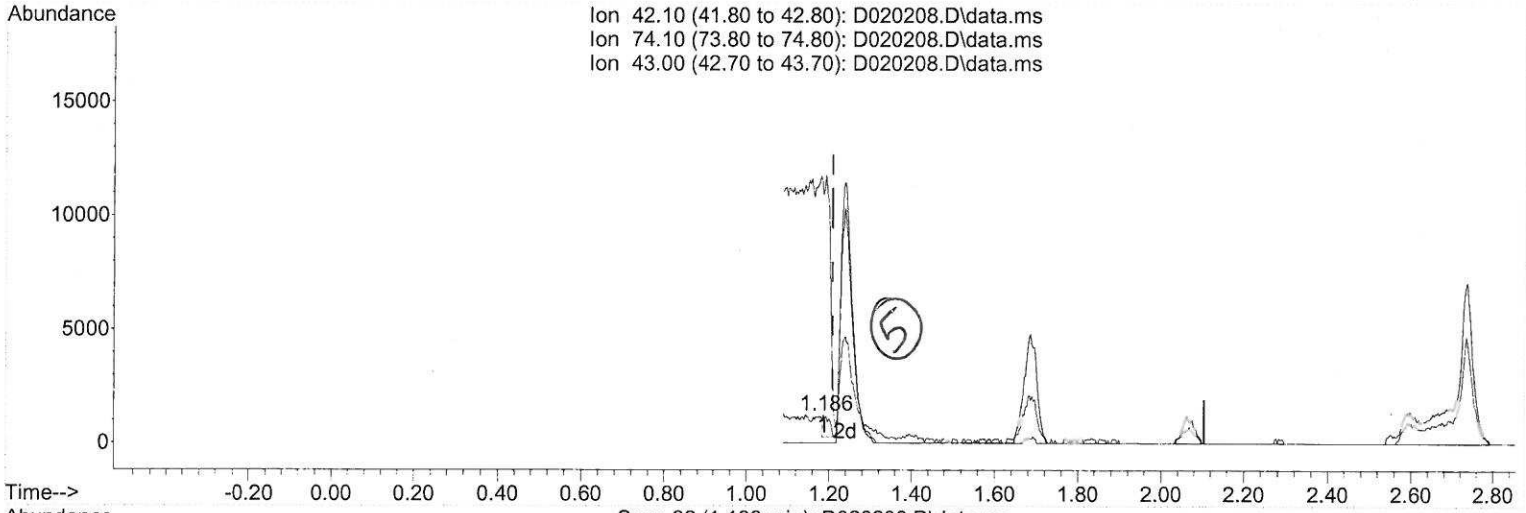
Quant Time: Feb 03 09:31:49 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

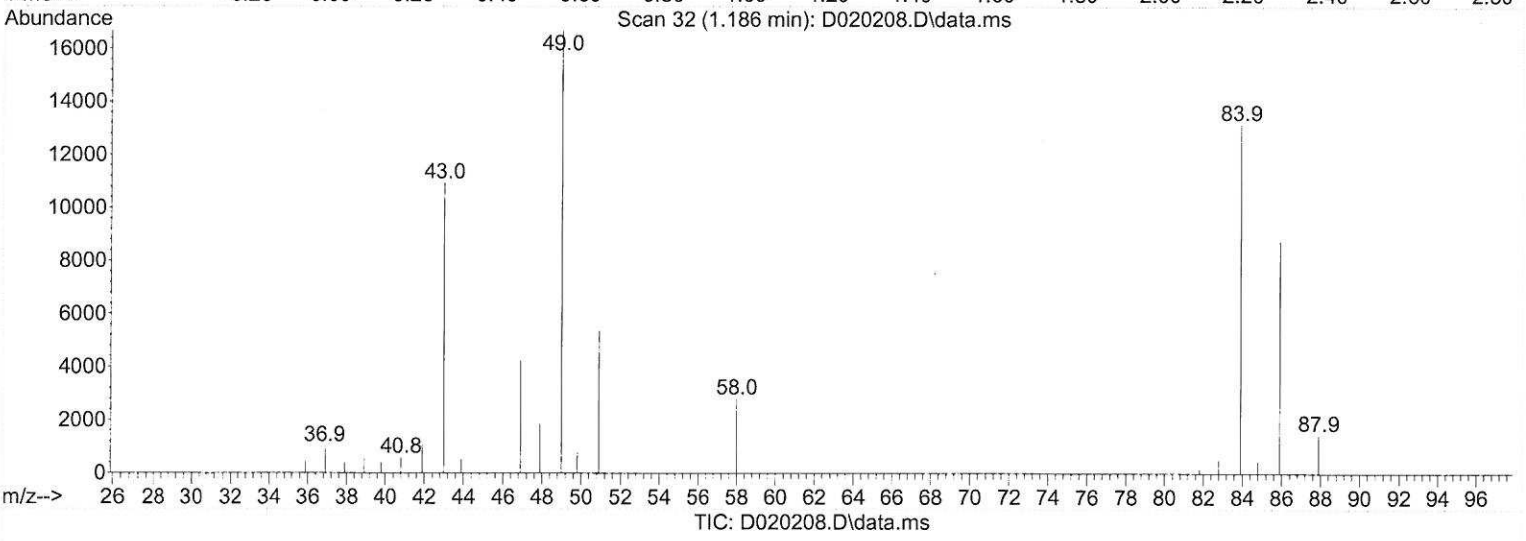


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:12:59 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(4) N-Nitrosodimethylamine

1.186min (-0.022) 1.67 ug/ml

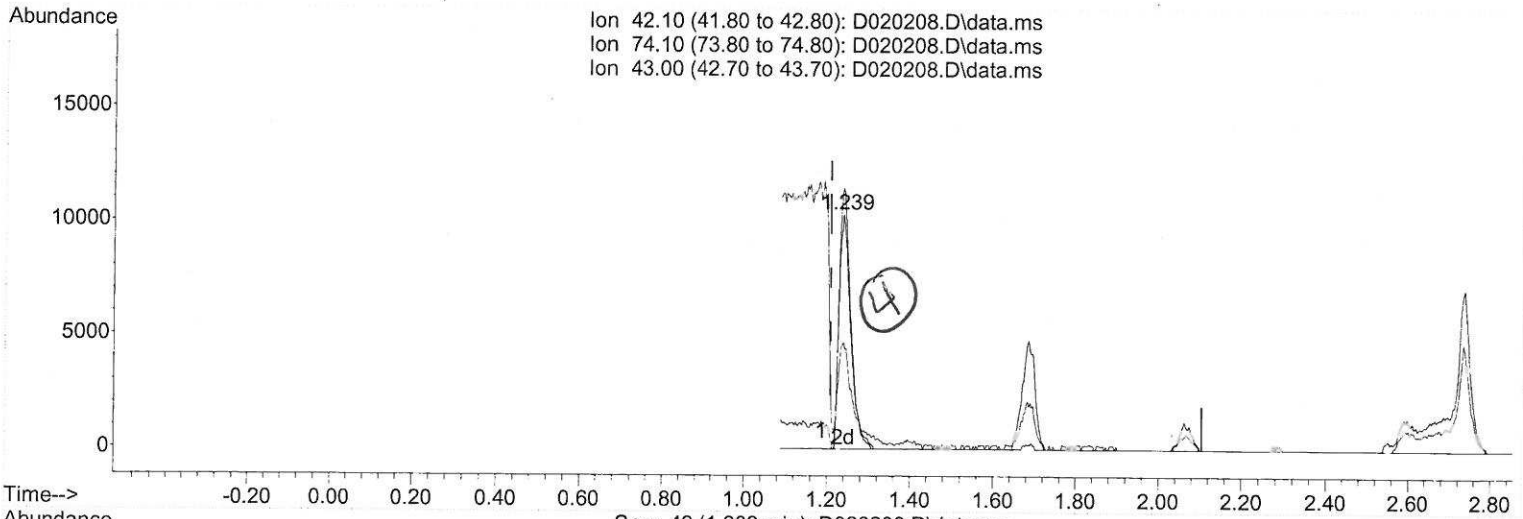
response 1045

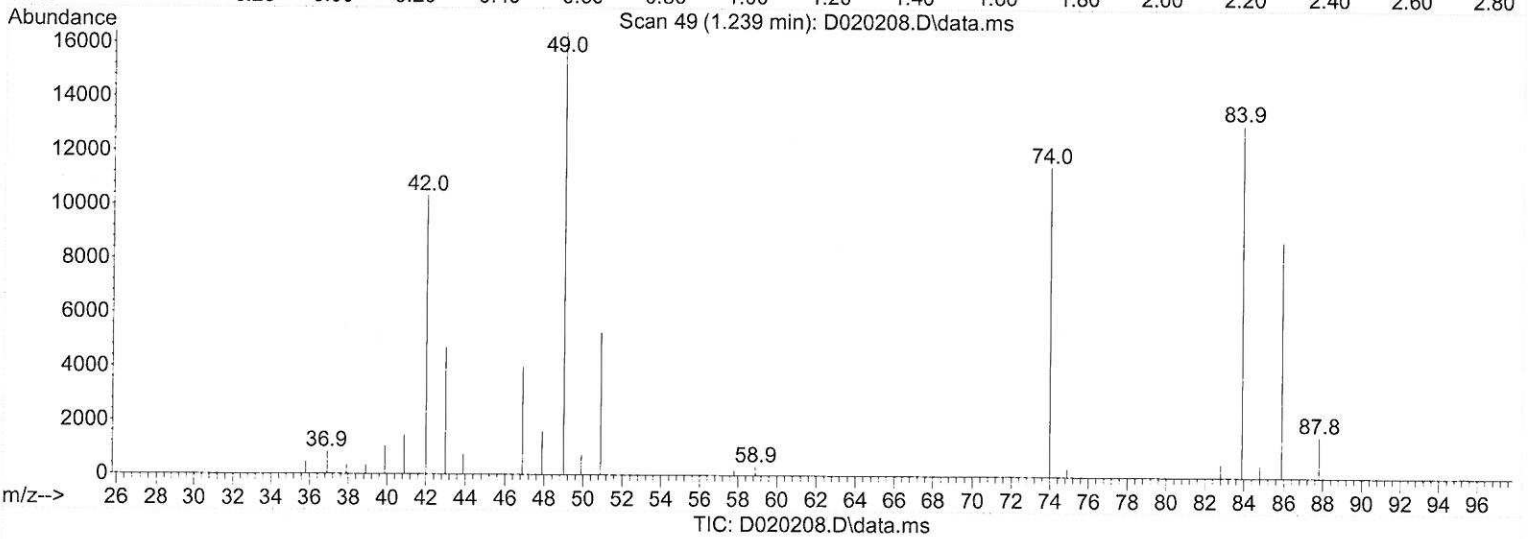
Ion	Exp%	Act%
42.10	100	100
74.10	120.50	0.00#
43.00	42.80	1014.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020208.D
Acq On : 2 Feb 2012 11:56 am
Operator : BGL
Sample : b045341-bS1 Inst : GCMSSV4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 09:12:59 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





(4) N-Nitrosodimethylamine

1.239min (+0.031) 33.40 ug/ml m

response 20845

Ion	Exp%	Act%
42.10	100	100
74.10	120.50	0.00#
43.00	42.80	50.84
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
83-32-9	Acenaphthene	1.47	0.080	0.17	
208-96-8	Acenaphthylene	1.46	0.080	0.17	
98-86-2	Acetophenone	1.31	0.12	0.34	
62-53-3	Aniline	0.777	0.11	0.34	
120-12-7	Anthracene	1.58	0.080	0.17	
92-87-5	Benzidine	0.592	0.080	0.34	L-04, V-06
56-55-3	Benzo(a)anthracene	1.60	0.080	0.17	
50-32-8	Benzo(a)pyrene	1.53	0.090	0.17	
205-99-2	Benzo(b)fluoranthene	1.57	0.090	0.17	
191-24-2	Benzo(g,h,i)perylene	1.64	0.070	0.17	
207-08-9	Benzo(k)fluoranthene	1.52	0.10	0.17	
65-85-0	Benzoic Acid	0.237	0.15	1.0	L-04, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.51	0.090	0.34	
111-44-4	Bis(2-chloroethyl)ether	1.38	0.10	0.34	
39638-32-9	Bis(2-chloroisopropyl)ether	1.24	0.10	0.34	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.98	0.10	0.34	
101-55-3	4-Bromophenylphenylether	1.60	0.070	0.34	
85-68-7	Butylbenzylphthalate	1.98	0.11	0.66	
86-74-8	Carbazole	1.63	0.080	0.17	
106-47-8	4-Chloroaniline	0.683	0.090	0.66	
59-50-7	4-Chloro-3-methylphenol	1.49	0.10	0.66	
91-58-7	2-Chloronaphthalene	1.32	0.070	0.34	
95-57-8	2-Chlorophenol	1.36	0.090	0.34	
7005-72-3	4-Chlorophenylphenylether	1.54	0.12	0.34	
218-01-9	Chrysene	1.51	0.080	0.17	
53-70-3	Dibenz(a,h)anthracene	1.60	0.070	0.17	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
132-64-9	Dibenzofuran	1.45	0.080	0.34	
84-74-2	Di-n-butylphthalate	1.67	0.080	0.34	
95-50-1	1,2-Dichlorobenzene	1.23	0.080	0.34	
541-73-1	1,3-Dichlorobenzene	1.22	0.080	0.34	
106-46-7	1,4-Dichlorobenzene	1.19	0.080	0.34	
91-94-1	3,3-Dichlorobenzidine	1.26	0.060	0.17	
120-83-2	2,4-Dichlorophenol	1.42	0.080	0.34	
84-66-2	Diethylphthalate	1.65	0.10	0.34	
105-67-9	2,4-Dimethylphenol	1.49	0.070	0.34	
131-11-3	Dimethylphthalate	1.67	0.10	0.66	
534-52-1	4,6-Dinitro-2-methylphenol	1.67	0.040	0.34	V-06
51-28-5	2,4-Dinitrophenol	1.59	0.040	0.66	V-06
121-14-2	2,4-Dinitrotoluene	1.61	0.11	0.34	
606-20-2	2,6-Dinitrotoluene	1.67	0.11	0.34	
117-84-0	Di-n-octylphthalate	2.00	0.13	0.66	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.51	0.080	0.34	
206-44-0	Fluoranthene	1.57	0.070	0.17	
86-73-7	Fluorene	1.46	0.090	0.17	
118-74-1	Hexachlorobenzene	1.49	0.080	0.34	
87-68-3	Hexachlorobutadiene	1.40	0.060	0.34	
77-47-4	Hexachlorocyclopentadiene	1.44	0.060	0.66	
67-72-1	Hexachloroethane	1.27	0.080	0.34	
193-39-5	Indeno(1,2,3-cd)pyrene	1.62	0.070	0.17	
78-59-1	Isophorone	1.42	0.10	0.34	
90-12-0	1-Methylnaphthalene	1.41	0.10	0.17	
91-57-6	2-Methylnaphthalene	1.28	0.10	0.17	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-BSD1	File ID:	D020209.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:23
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
95-48-7	2-Methylphenol	1.43	0.13	0.34	
108-39-4/106-44-5	3/4-Methylphenol	1.89	0.16	0.34	
91-20-3	Naphthalene	1.33	0.070	0.17	
88-74-4	2-Nitroaniline	1.50	0.10	0.34	
99-09-2	3-Nitroaniline	1.23	0.10	0.34	
100-01-6	4-Nitroaniline	1.49	0.12	0.34	
98-95-3	Nitrobenzene	1.36	0.070	0.34	
88-75-5	2-Nitrophenol	1.50	0.050	0.34	
100-02-7	4-Nitrophenol	1.68	0.040	0.66	
62-75-9	N-Nitrosodimethylamine	1.23	0.060	0.34	
86-30-6	N-Nitrosodiphenylamine	2.15	0.11	0.34	
621-64-7	N-Nitrosodi-n-propylamine	1.52	0.13	0.34	
82-68-8	Pentachloronitrobenzene	1.78	0.11	0.34	
87-86-5	Pentachlorophenol	1.77	0.060	0.34	V-06
85-01-8	Phenanthrene	1.55	0.080	0.17	
108-95-2	Phenol	1.36	0.090	0.34	
129-00-0	Pyrene	2.03	0.10	0.17	
110-86-1	Pyridine	0.910	0.080	0.34	
95-94-3	1,2,4,5-Tetrachlorobenzene	1.51	0.070	0.34	
120-82-1	1,2,4-Trichlorobenzene	1.40	0.060	0.34	
95-95-4	2,4,5-Trichlorophenol	1.64	0.10	0.34	
88-06-2	2,4,6-Trichlorophenol	1.59	0.070	0.34	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CA 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	74257	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	154047	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.111	164	96605	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	215872	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.306	240	130265	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.817	264	89140	40.00	ug/ml	-0.02
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	203814	166.12	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 83.06%			
3) Phenol-d6	4.130	99	258574	166.20	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 83.10%			
20) Nitrobenzene-d5	4.795	82	123734	85.53	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 85.53%			
36) 2-Fluorobiphenyl	6.324	172	245826	91.83	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 91.83%			
37) 2,4,6-Tribromophenol	8.257	330	109214	225.34	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 112.67%			
71) Terphenyl-d14	12.413	244	324695	127.20	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 127.20%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.224	42	24093	37.03	ug/ml#	86
5) Pyridine	1.270	79	34061	27.30	ug/ml#	54
6) Aniline	4.120	93	45244	23.31	ug/ml#	30
7) Phenol	4.139	94	74434	40.88	ug/ml#	85
8) Bis(2-chloroethyl)ether	4.189	93	50832	41.30	ug/ml	96
9) 2-Chlorophenol	4.214	128	56355	40.95	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	61335	36.47	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	61982	35.82	ug/ml	100
12) 1,2-Dichlorobenzene	4.500	146	58830	36.88	ug/ml	100
13) 2- METHYLPHENOL	4.599	108	52504	42.85	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	59123	37.07	ug/ml	92
15) Acetophenone	4.686	105	75373	39.19	ug/ml#	64
16) 3/4- METHYLPHENOL	4.711	107	80556	56.73	ug/ml#	59
17) N-Nitroso-Di-N-Propyla...	4.699	70	39482	45.62	ug/ml#	89
18) Hexachloroethane	4.751	117	25708	37.97	ug/ml	100
21) NITROBENZENE	4.811	77	60328	40.83	ug/ml	98
22) Isophorone	4.988	82	106756	42.58	ug/ml	100
23) 2-Nitrophenol	5.044	139	31500	44.89	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	48470	44.59	ug/ml	98
25) Bis(2-Chloroethoxy)met...	5.156	93	62327	45.43	ug/ml#	96
26) Benzoic Acid	5.137	122	4977	7.11	ug/ml#	79
27) 2,4-Dichlorophenol	5.230	162	50591	42.58	ug/ml	99
28) 1,2,4-Trichlorobenzene	5.286	180	57875	42.11	ug/ml	100
29) Naphthalene	5.342	128	153102	39.98	ug/ml	100
30) 4-Chloroaniline	5.395	127	31056	20.49	ug/ml	97
31) Hexachlorobutadiene	5.451	225	35820	42.01	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.827	107	54857	44.84	ug/ml	98
33) 2-MethylNaphthalene	5.942	142	107442	38.47	ug/ml	100
34) 1-Methylnaphthalene	6.038	142	103429	42.30	ug/ml	100
38) Hexachlorocyclopentadiene	6.103	237	33931	43.33	ug/ml	100
39) 1,2,4,5-Tetrachloroben...	6.110	216	60152	45.21	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	41571	47.65	ug/ml	99
41) 2,4,5-Trichlorophenol	6.278	196	46104	49.07	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

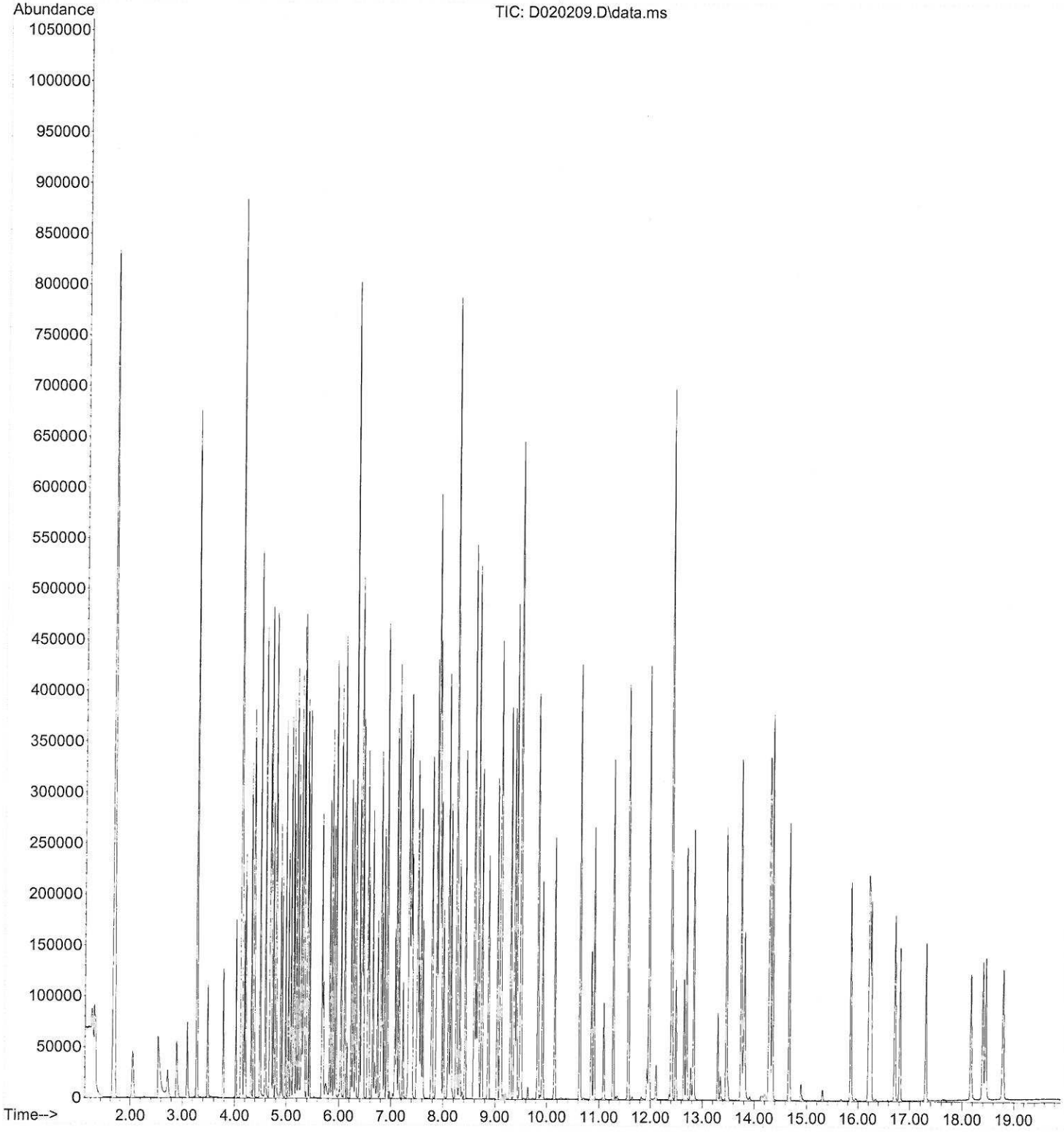
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-ChloroNaphthalene	6.442	162	114230	39.58	ug/ml	97
43) 2-Nitroaniline	6.573	65	36610	44.89	ug/ml	96
44) DIMETHYL PHTHALATE	6.812	163	145733	50.01	ug/ml	99
45) 2,6-DinitroToluene	6.877	165	36792	50.15	ug/ml	99
46) Acenaphthylene	6.927	152	180206	43.68	ug/ml	100
47) 3-Nitroaniline	7.079	138	28655	36.97	ug/ml	99
48) Acenaphthene	7.154	154	108094	44.05	ug/ml	99
49) 2,4-Dinitrophenol	7.232	184	19107	47.75	ug/ml	100
50) 4-Nitrophenol	7.365	109	28445m	50.32	ug/ml	
51) Dibenzofuran	7.387	168	173185	43.53	ug/ml#	68
52) 2,4-Dinitrotoluene	7.409	165	54770	48.39	ug/ml#	89
53) DIETHYL PHTHALATE	7.791	149	165758	49.59	ug/ml	100
54) 4-Chlorophenyl phenyl ...	7.909	204	75032	46.14	ug/ml	98
55) Flourene	7.875	166	149553	43.67	ug/ml	99
56) 4-Nitroaniline	7.956	138	37573	44.80	ug/ml	97
58) 4,6-Dinitro-2-Methylph...	8.009	198	31778	50.20	ug/ml	99
59) N-Nitrosodiphenylamine	8.102	169	131781	64.50	ug/ml	98
60) 1,2-Diphenylhydrazine	8.149	77	148203	45.42	ug/ml	99
61) 4-Bromophenyl phenyl e...	8.677	248	47543	48.05	ug/ml	98
62) Hexachlorobenzene	8.745	284	53331	44.81	ug/ml	99
63) Pentachlorophenol	9.100	266	38939	53.00	ug/ml	98
64) Pentachloronitrobenzene	9.118	295	10416	53.30	ug/ml	95
65) Phenanthrene	9.420	178	247019	46.59	ug/ml	100
66) Anthracene	9.507	178	251410	47.50	ug/ml	100
67) Carbazole	9.836	167	229684	48.97	ug/ml	100
68) Di-N-Butyl Phthalate	10.635	149	321560	50.09	ug/ml	100
69) Flouranthene	11.571	202	259717	47.08	ug/ml	100
72) Benzidine	11.931	184	19012	17.77	ug/ml	97
73) Pyrene	11.975	202	256104	60.82	ug/ml	100
74) Butylbenzyl phthalate	13.467	149	97872	59.45	ug/ml	100
75) 3,3'-Dichlorobenzidine	14.346	252	34097	37.83	ug/ml	100
76) Benzo(a)anthracene	14.287	228	160040	48.02	ug/ml	99
77) Chrysene	14.349	228	145976	45.30	ug/ml	100
78) Bis(2-ethylhexyl)phtha...	14.666	149	125473	59.54	ug/ml	98
80) Di-n-octylphthalate	15.854	149	173255	59.98	ug/ml	100
81) Benzo(b)fluoranthene	16.205	252	124071	46.99	ug/ml	98
82) Benzo(k)fluoranthene	16.255	252	116086	45.62	ug/ml	97
83) Benzo(a)pyrene	16.721	252	107886	45.98	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.399	276	88381	48.67	ug/ml	99
85) Dibenz(a,h)anthracene	18.455	278	88494	48.04	ug/ml	99
86) Benzo(g,h,i)perylene	18.794	276	95924	49.08	ug/ml	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

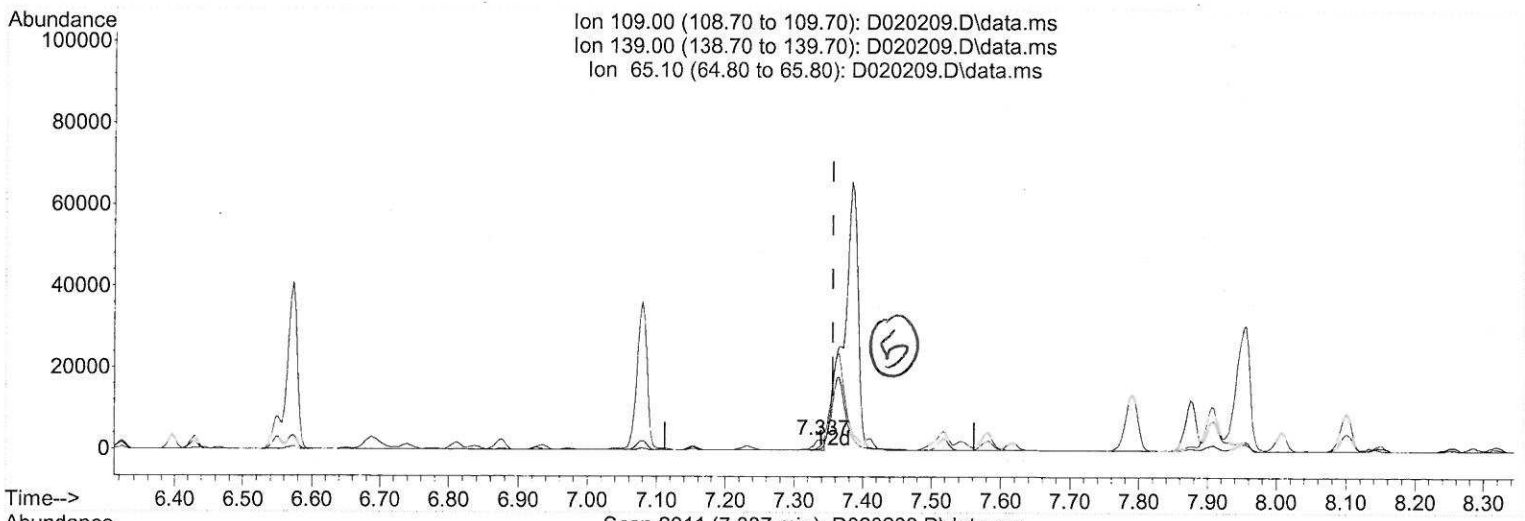
Quant Time: Feb 03 09:41:31 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

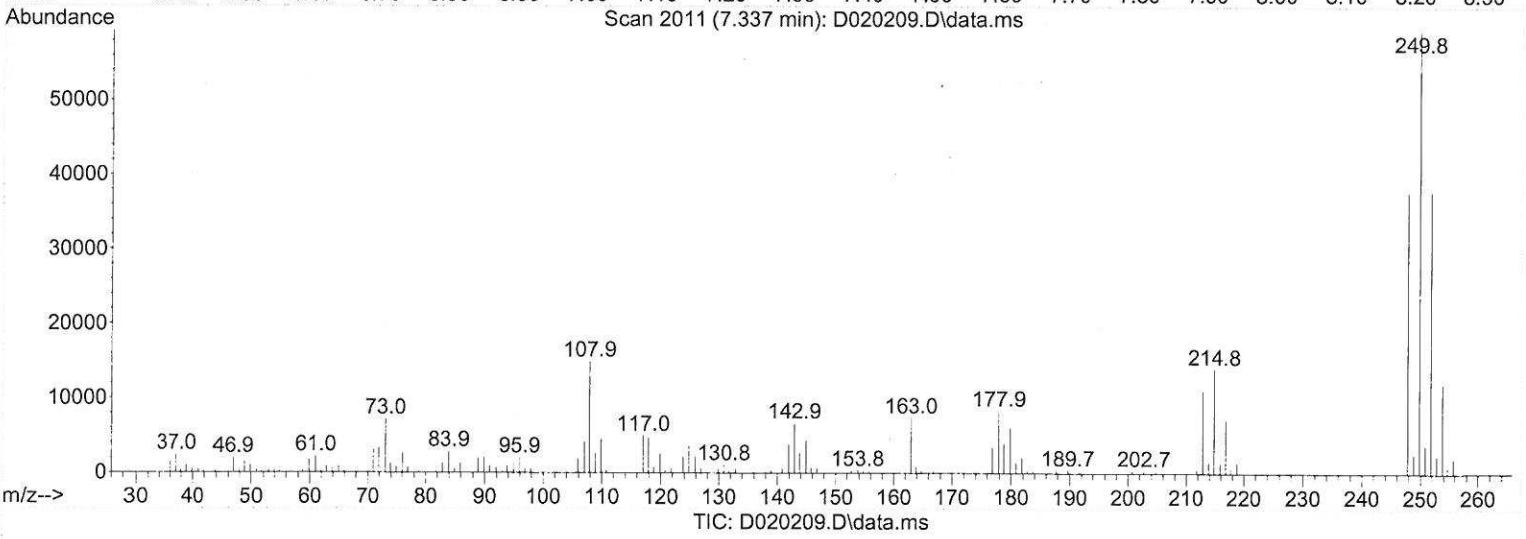


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:13:01 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020209.D\data.ms

(50) 4-Nitrophenol (P)

7.337min (-0.019) 9.36 ug/ml

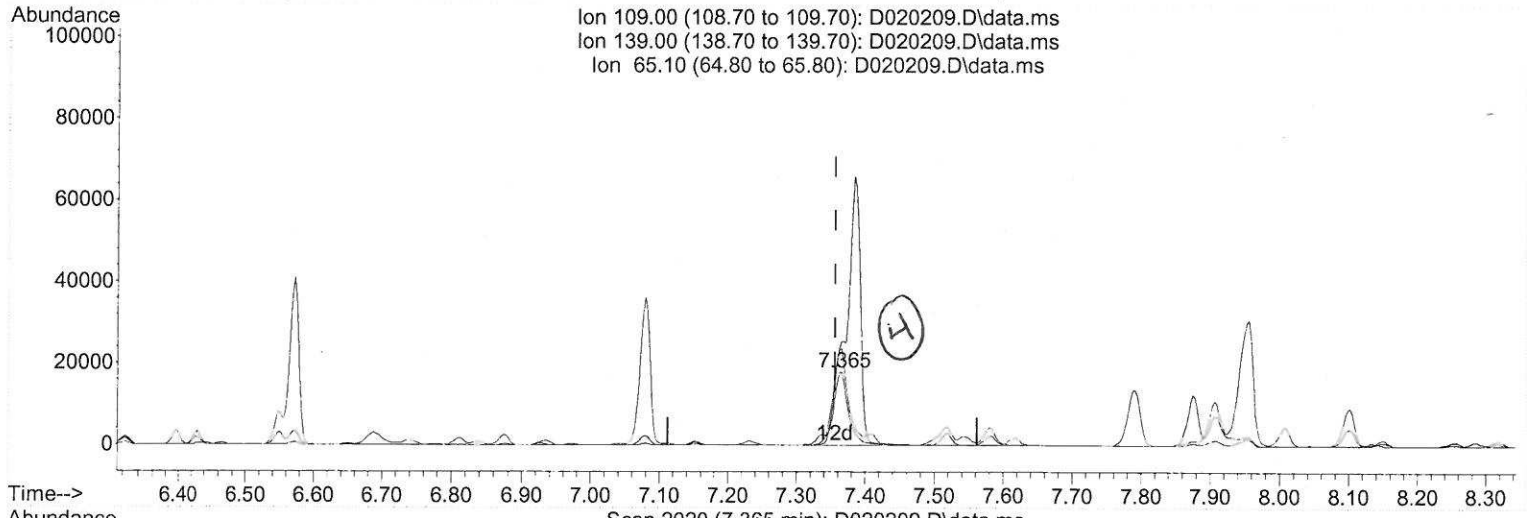
response 2529

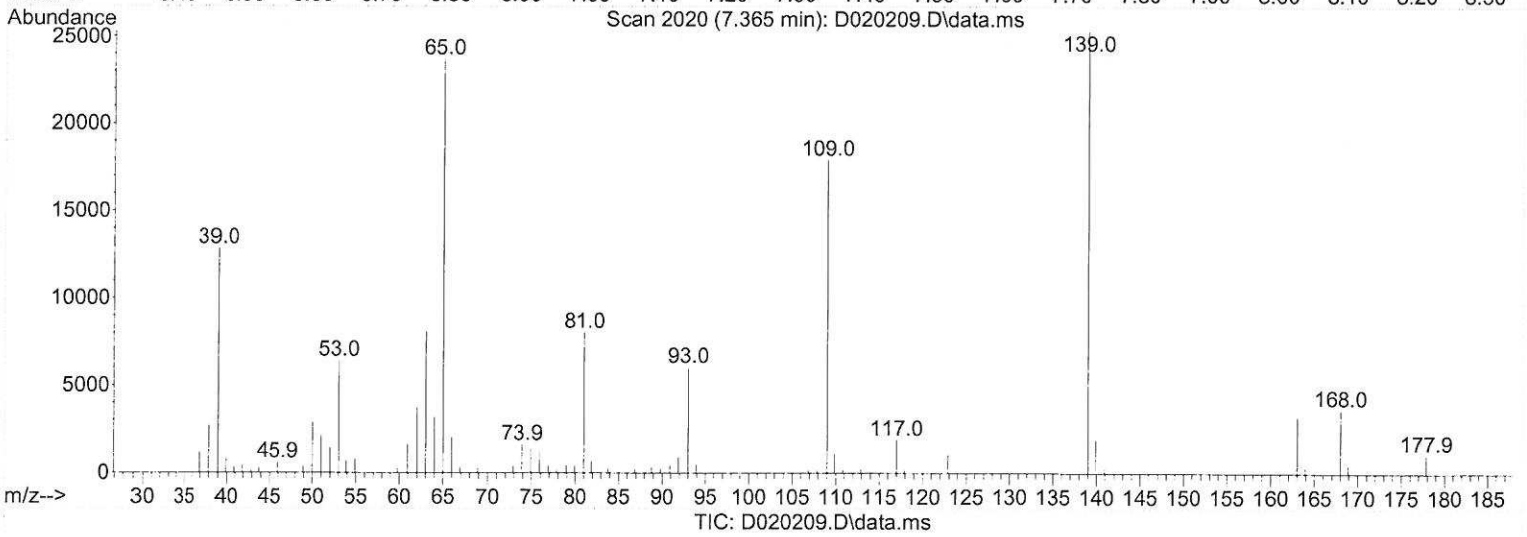
Ion	Exp%	Act%
109.00	100	100
139.00	135.20	0.00#
65.10	137.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020209.D
Acq On : 2 Feb 2012 12:23 pm
Operator : BGL
Sample : b045341-bSD1 Inst : GCMSSV4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 03 09:13:01 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020209.D\data.ms

(50) 4-Nitrophenol (P)

7.365min (+0.009) 50.32 ug/ml m

response 28445

Ion	Exp%	Act%
109.00	100	100
139.00	135.20	0.00#
65.10	137.30	0.00#
0.00	0.00	0.00

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene	1.01	0.087	0.19	
208-96-8	Acenaphthylene	0.984	0.087	0.19	
98-86-2	Acetophenone	0.907	0.13	0.37	
62-53-3	Aniline	0.605	0.12	0.37	MS-09
120-12-7	Anthracene	1.12	0.087	0.19	
92-87-5	Benzidine	0.432	0.087	0.37	MS-09, V-06
56-55-3	Benzo(a)anthracene	1.10	0.087	0.19	
50-32-8	Benzo(a)pyrene	1.07	0.098	0.19	
205-99-2	Benzo(b)fluoranthene	1.04	0.098	0.19	
191-24-2	Benzo(g,h,i)perylene	1.17	0.077	0.19	
207-08-9	Benzo(k)fluoranthene	1.05	0.11	0.19	
65-85-0	Benzoic Acid	0.482	0.16	1.1	V-06, MS-09
111-91-1	Bis(2-chloroethoxy)methane	1.01	0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether	0.948	0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether	0.858	0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.34	0.11	0.37	
101-55-3	4-Bromophenylphenylether	1.05	0.077	0.37	
85-68-7	Butylbenzylphthalate	1.40	0.12	0.72	
86-74-8	Carbazole	1.25	0.087	0.19	
106-47-8	4-Chloroaniline	0.647	0.098	0.72	MS-22
59-50-7	4-Chloro-3-methylphenol	0.977	0.11	0.72	
91-58-7	2-Chloronaphthalene	0.853	0.077	0.37	
95-57-8	2-Chlorophenol	0.899	0.098	0.37	
7005-72-3	4-Chlorophenylphenylether	1.05	0.13	0.37	
218-01-9	Chrysene	1.05	0.087	0.19	
53-70-3	Dibenz(a,h)anthracene	1.13	0.077	0.19	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
132-64-9	Dibenzofuran	0.975	0.087	0.37	
84-74-2	Di-n-butylphthalate	1.25	0.087	0.37	
95-50-1	1,2-Dichlorobenzene	0.856	0.087	0.37	
541-73-1	1,3-Dichlorobenzene	0.846	0.087	0.37	
106-46-7	1,4-Dichlorobenzene	0.845	0.087	0.37	
91-94-1	3,3-Dichlorobenzidine	0.900	0.066	0.19	R-06
120-83-2	2,4-Dichlorophenol	0.922	0.087	0.37	
84-66-2	Diethylphthalate	1.15	0.11	0.37	
105-67-9	2,4-Dimethylphenol	0.997	0.077	0.37	
131-11-3	Dimethylphthalate	1.11	0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol	1.24	0.044	0.37	V-06
51-28-5	2,4-Dinitrophenol	1.11	0.044	0.72	V-06
121-14-2	2,4-Dinitrotoluene	1.08	0.12	0.37	
606-20-2	2,6-Dinitrotoluene	1.10	0.12	0.37	
117-84-0	Di-n-octylphthalate	1.28	0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.00	0.087	0.37	
206-44-0	Fluoranthene	1.24	0.077	0.19	
86-73-7	Fluorene	1.02	0.098	0.19	
118-74-1	Hexachlorobenzene	1.01	0.087	0.37	
87-68-3	Hexachlorobutadiene	0.943	0.066	0.37	
77-47-4	Hexachlorocyclopentadiene	1.01	0.066	0.72	R-06
67-72-1	Hexachloroethane	0.882	0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene	1.19	0.077	0.19	
78-59-1	Isophorone	0.961	0.11	0.37	
90-12-0	1-Methylnaphthalene	0.932	0.11	0.19	
91-57-6	2-Methylnaphthalene	0.842	0.11	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MS1	File ID:	D020210.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 12:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-48-7	2-Methylphenol	0.906	0.14	0.37	
108-39-4/106-44-5	3/4-Methylphenol	1.46	0.17	0.37	
91-20-3	Naphthalene	0.891	0.077	0.19	
88-74-4	2-Nitroaniline	1.21	0.11	0.37	
99-09-2	3-Nitroaniline	1.07	0.11	0.37	
100-01-6	4-Nitroaniline	1.17	0.13	0.37	
98-95-3	Nitrobenzene	0.948	0.077	0.37	
88-75-5	2-Nitrophenol	1.01	0.055	0.37	
100-02-7	4-Nitrophenol	1.34	0.044	0.72	
62-75-9	N-Nitrosodimethylamine	0.886	0.066	0.37	
86-30-6	N-Nitrosodiphenylamine	1.38	0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine	1.03	0.14	0.37	
82-68-8	Pentachloronitrobenzene	1.20	0.12	0.37	
87-86-5	Pentachlorophenol	1.24	0.066	0.37	V-06
85-01-8	Phenanthrene	1.09	0.087	0.19	
108-95-2	Phenol	0.886	0.098	0.37	
129-00-0	Pyrene	1.48	0.11	0.19	
110-86-1	Pyridine	0.619	0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene	1.01	0.077	0.37	
120-82-1	1,2,4-Trichlorobenzene	0.945	0.066	0.37	
95-95-4	2,4,5-Trichlorophenol	1.07	0.11	0.37	
88-06-2	2,4,6-Trichlorophenol	1.05	0.077	0.37	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CQ 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.372	150	75057	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.326	136	150370	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	92516	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.376	188	219826	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.296	240	145469	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.808	264	98616	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.281	112	127706	102.98	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 51.49%			
3) Phenol-d6	4.127	99	156511	99.53	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 49.77%			
20) Nitrobenzene-d5	4.795	82	75003	53.11	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 53.11%			
36) 2-Fluorobiphenyl	6.321	172	143177	55.85	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 55.85%			
37) 2,4,6-Tribromophenol	8.248	330	66646	143.59	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 71.80%			
71) Terphenyl-d14	12.407	244	236782	83.06	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 83.06%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.227	42	15991	24.32	ug/ml	89
5) Pyridine	1.283	79	21440	17.00	ug/ml#	56
6) Aniline	4.117	93	32609	16.62	ug/ml#	66
7) Phenol	4.136	94	44751	24.31	ug/ml	97
8) Bis(2-chloroethyl)ether	4.186	93	32361	26.01	ug/ml	97
9) 2-Chlorophenol	4.211	128	34315	24.67	ug/ml	100
10) 1,3-Dichlorobenzene	4.326	146	39481	23.23	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	40576	23.20	ug/ml	99
12) 1,2-Dichlorobenzene	4.497	146	37887	23.50	ug/ml	99
13) 2- METHYLPHENOL	4.593	108	30789	24.86	ug/ml	99
14) Bis(2-Chloroisopropyl)...	4.596	45	37961	23.55	ug/ml	95
15) Acetophenone	4.683	105	48433	24.91	ug/ml#	62
16) 3/4- METHYLPHENOL	4.708	107	57497	40.06	ug/ml#	52
17) N-Nitroso-Di-N-Propyla...	4.695	70	24616	28.14	ug/ml#	88
18) Hexachloroethane	4.748	117	16578	24.22	ug/ml	99
21) NITROBENZENE	4.807	77	37530	26.02	ug/ml	97
22) Isophorone	4.985	82	64592	26.39	ug/ml	100
23) 2-Nitrophenol	5.040	139	18986	27.72	ug/ml	98
24) 2,4-Dimethylphenol	5.087	122	29026	27.36	ug/ml	100
25) Bis(2-Chloroethoxy)met...	5.152	93	37069	27.68	ug/ml	97
26) Benzoic Acid	5.149	122	9041m	13.24	ug/ml	
27) 2,4-Dichlorophenol	5.227	162	29352	25.31	ug/ml	98
28) 1,2,4-Trichlorobenzene	5.286	180	34791	25.93	ug/ml	100
29) Naphthalene	5.342	128	91424	24.46	ug/ml	100
30) 4-Chloroaniline	5.392	127	26267	17.75	ug/ml	98
31) Hexachlorobutadiene	5.448	225	21545	25.89	ug/ml	100
32) 4-Chloro-3-Methylphenol	5.821	107	32045	26.83	ug/ml	99
33) 2-MethylNaphthalene	5.942	142	63022	23.12	ug/ml	99
34) 1-Methylnaphthalene	6.035	142	61093	25.59	ug/ml	100
38) Hexachlorocyclopentadiene	6.103	237	20833	27.78	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.110	216	35456	27.82	ug/ml	100
40) 2,4,6-Trichlorophenol	6.234	196	24103	28.85	ug/ml	100
41) 2,4,5-Trichlorophenol	6.274	196	26384	29.32	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

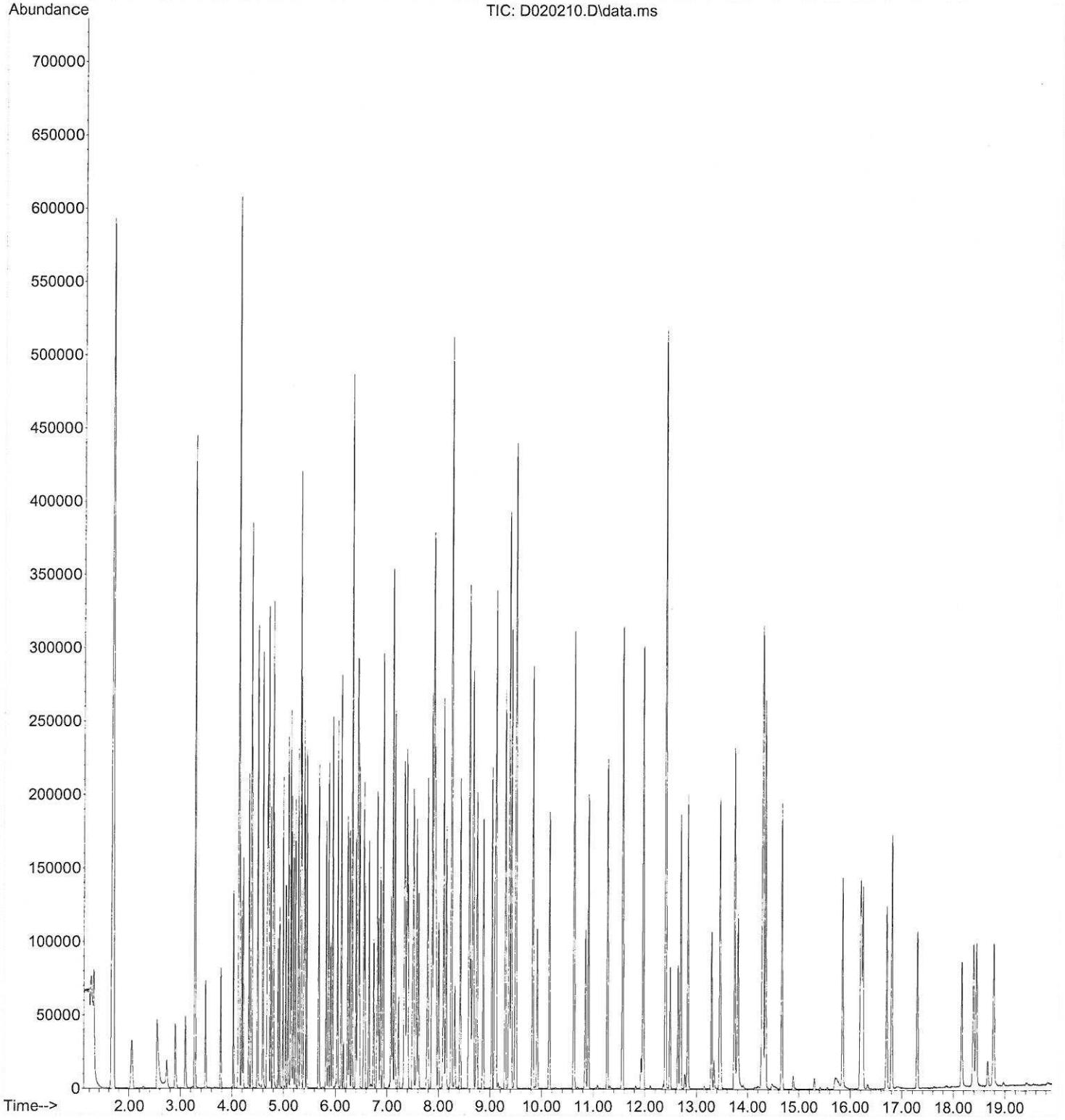
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2-ChloroNaphthalene	6.439	162	64704	23.41 ug/ml	96
43) 2-Nitroaniline	6.570	65	25976	33.26 ug/ml	86
44) DIMETHYL PHTHALATE	6.806	163	84831	30.40 ug/ml	99
45) 2,6-DinitroToluene	6.871	165	21118	30.06 ug/ml	100
46) Acenaphthylene	6.924	152	106680	27.00 ug/ml	100
47) 3-Nitroaniline	7.076	138	21751	29.31 ug/ml	99
48) Acenaphthene	7.151	154	65164	27.73 ug/ml	99
49) 2,4-Dinitrophenol	7.225	184	9396	30.41 ug/ml	98
50) 4-Nitrophenol	7.353	109	19034	36.78 ug/ml	85
51) Dibenzofuran	7.384	168	102005	26.77 ug/ml	98
52) 2,4-Dinitrotoluene	7.406	165	32087	29.60 ug/ml#	90
53) DIETHYL PHTHALATE	7.788	149	101416	31.68 ug/ml	99
54) 4-Chlorophenyl phenyl ...	7.906	204	44877	28.82 ug/ml	98
55) Flourene	7.872	166	92188	28.11 ug/ml	99
56) 4-Nitroaniline	7.943	138	25903	32.25 ug/ml	99
58) 4,6-Dinitro-2-Methylph...	8.002	198	19625	34.04 ug/ml	100
59) N-Nitrosodiphenylamine	8.096	169	78879	37.91 ug/ml	99
60) 1,2-Diphenylhydrazine	8.145	77	91548	27.55 ug/ml	99
61) 4-Bromophenyl phenyl e...	8.671	248	28920	28.70 ug/ml	99
62) Hexachlorobenzene	8.739	284	33702	27.81 ug/ml	99
63) Pentachlorophenol	9.093	266	25498	34.08 ug/ml	99
64) Pentachloronitrobenzene	9.118	295	6563	32.98 ug/ml	98
65) Phenanthrene	9.414	178	161369	29.89 ug/ml	100
66) Anthracene	9.504	178	165125	30.63 ug/ml	100
67) Carbazole	9.830	167	164167	34.37 ug/ml	100
68) Di-N-Butyl Phthalate	10.629	149	223743	34.23 ug/ml	100
69) Flouranthene	11.567	202	190610	33.93 ug/ml	100
72) Benzidine	11.928	184	14159	11.85 ug/ml	99
73) Pyrene	11.972	202	190616	40.54 ug/ml	100
74) Butylbenzyl phthalate	13.457	149	70471	38.33 ug/ml	100
75) 3,3'-Dichlorobenzidine	14.337	252	24858	24.70 ug/ml	100
76) Benzo(a)anthracene	14.281	228	112828	30.32 ug/ml	100
77) Chrysene	14.343	228	103314	28.71 ug/ml	99
78) Bis(2-ethylhexyl)phtha...	14.663	149	86604	36.80 ug/ml	98
80) Di-n-octylphthalate	15.847	149	112657	35.25 ug/ml	100
81) Benzo(b)fluoranthene	16.195	252	83587	28.62 ug/ml	99
82) Benzo(k)fluoranthene	16.242	252	81007	28.77 ug/ml	99
83) Benzo(a)pyrene	16.708	252	75972	29.27 ug/ml	100
84) Indeno(1,2,3-cd)pyrene	18.390	276	65731	32.72 ug/ml	99
85) Dibenz(a,h)anthracene	18.446	278	63178	31.00 ug/ml	99
86) Benzo(g,h,i)perylene	18.781	276	69508	32.15 ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

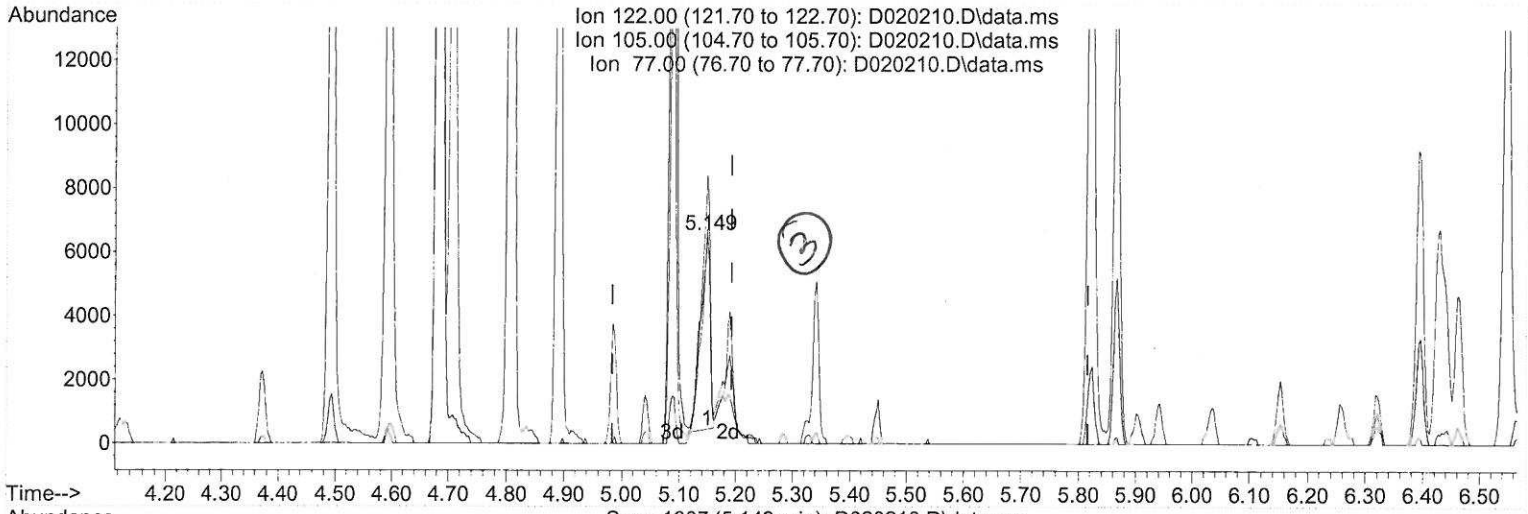
Quant Time: Feb 03 09:42:44 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

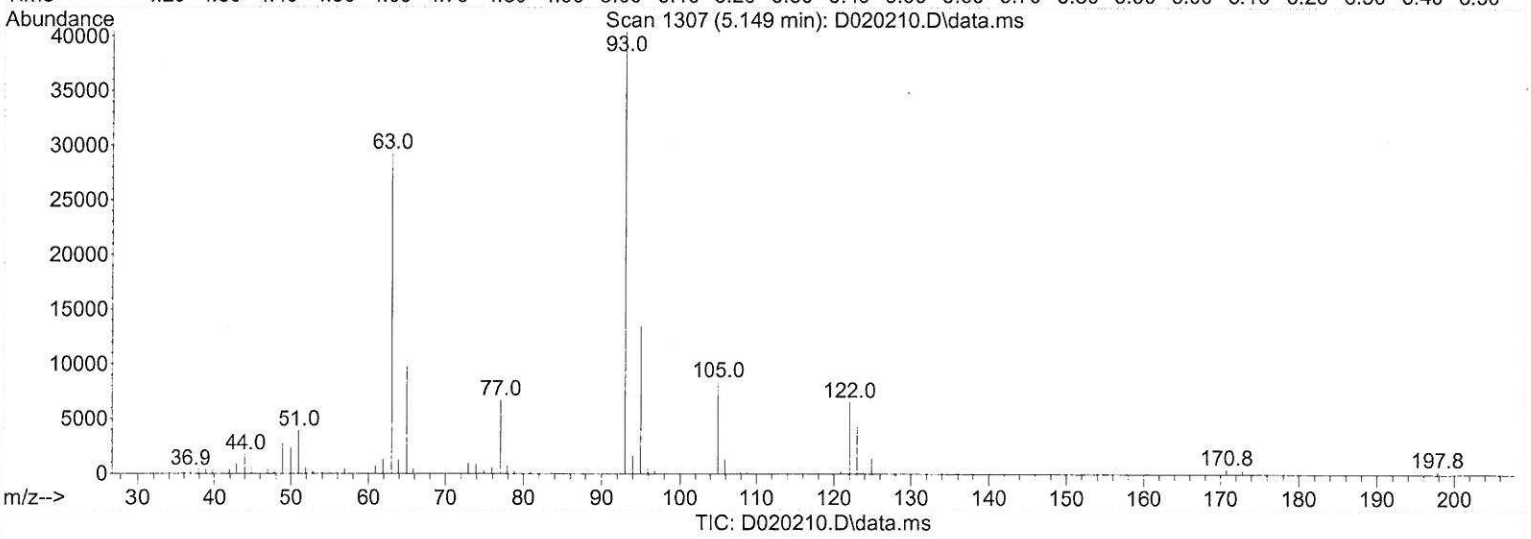


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:13:03 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020210.D\data.ms

(26) Benzoic Acid

5.149min (-0.043) 11.12 ug/ml

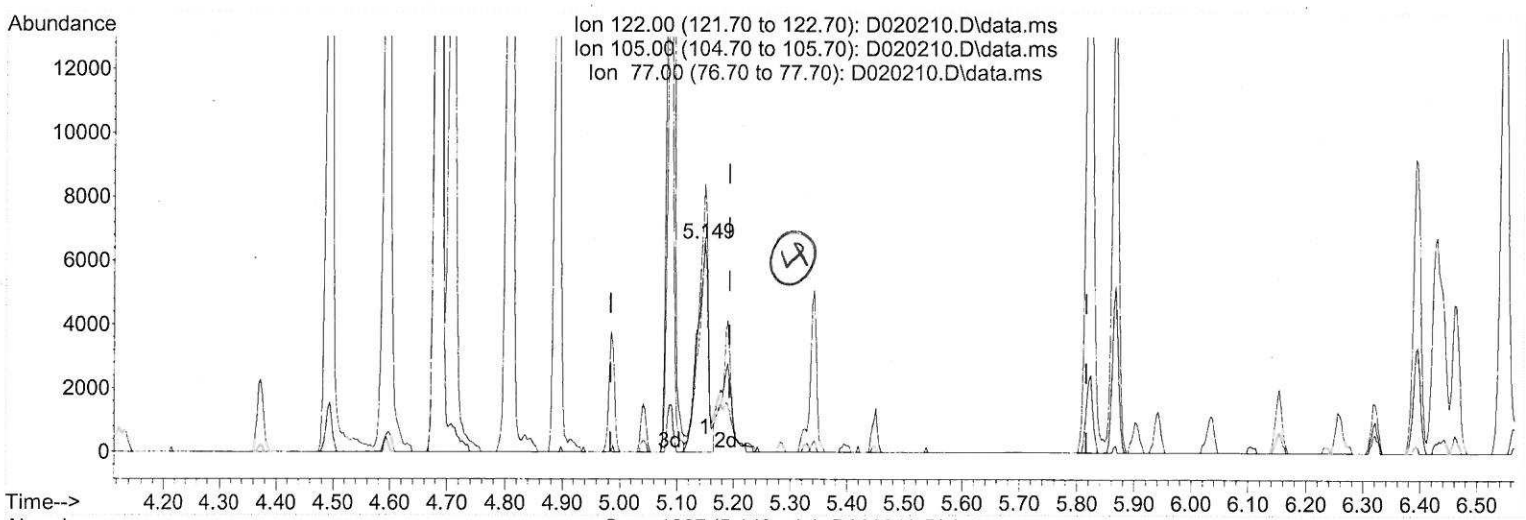
response 7596

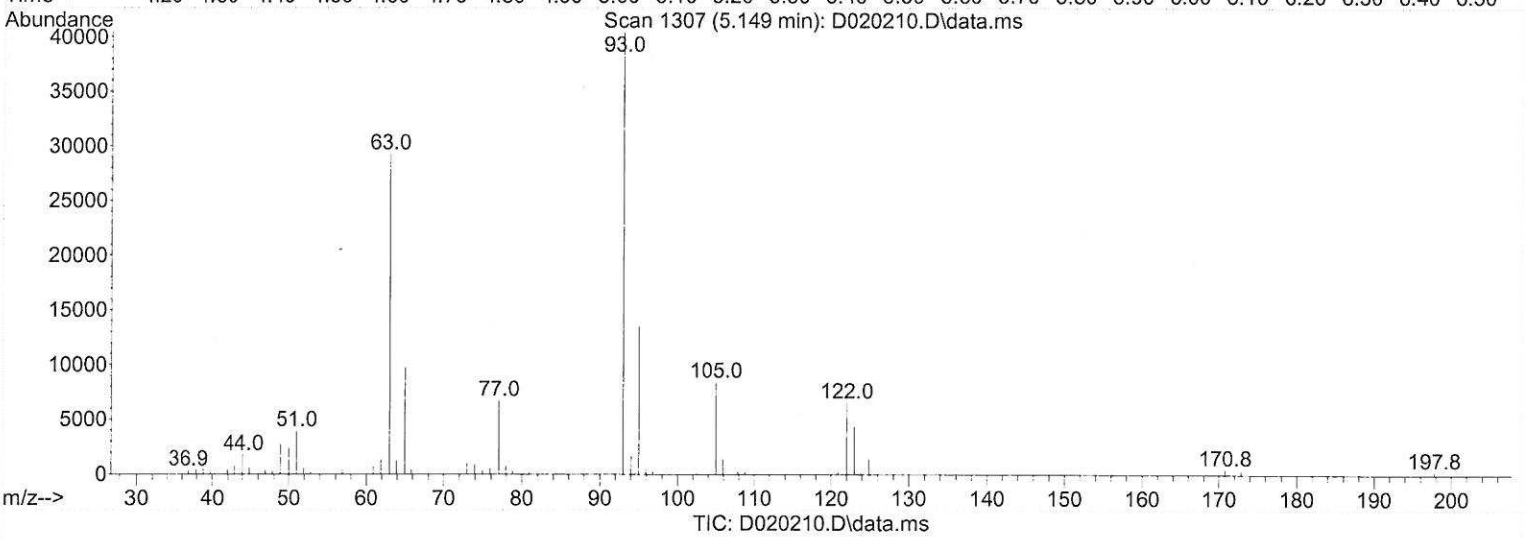
Ion	Exp%	Act%
122.00	100	100
105.00	131.00	132.79
77.00	99.80	103.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020210.D
Acq On : 2 Feb 2012 12:49 pm
Operator : BGL
Sample : B045341-MS1 Inst : GCMSSV4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 03 09:13:03 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020210.D\data.ms

(26) Benzoic Acid

5.149min (-0.043) 13.24 ug/ml m

response 9041

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	111.57
77.00	99.80	87.00
0.00	0.00	0.00

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
83-32-9	Acenaphthene	1.04	0.087	0.19	
208-96-8	Acenaphthylene	1.01	0.087	0.19	
98-86-2	Acetophenone	1.02	0.13	0.37	
62-53-3	Aniline	0.572	0.12	0.37	MS-09
120-12-7	Anthracene	1.24	0.087	0.19	
92-87-5	Benzidine	0.505	0.087	0.37	MS-09, V-06
56-55-3	Benzo(a)anthracene	1.24	0.087	0.19	
50-32-8	Benzo(a)pyrene	1.18	0.098	0.19	
205-99-2	Benzo(b)fluoranthene	1.10	0.098	0.19	
191-24-2	Benzo(g,h,i)perylene	1.06	0.077	0.19	
207-08-9	Benzo(k)fluoranthene	1.13	0.11	0.19	
65-85-0	Benzoic Acid	0.522	0.16	1.1	MS-09, V-06
111-91-1	Bis(2-chloroethoxy)methane	1.08	0.098	0.37	
111-44-4	Bis(2-chloroethyl)ether	0.993	0.11	0.37	
39638-32-9	Bis(2-chloroisopropyl)ether	0.938	0.11	0.37	
117-81-7	Bis(2-Ethylhexyl)phthalate	1.29	0.11	0.37	
101-55-3	4-Bromophenylphenylether	1.34	0.077	0.37	
85-68-7	Butylbenzylphthalate	1.26	0.12	0.72	
86-74-8	Carbazole	1.28	0.087	0.19	
106-47-8	4-Chloroaniline	0.753	0.098	0.72	
59-50-7	4-Chloro-3-methylphenol	1.20	0.11	0.72	
91-58-7	2-Chloronaphthalene	0.842	0.077	0.37	
95-57-8	2-Chlorophenol	0.982	0.098	0.37	
7005-72-3	4-Chlorophenylphenylether	1.11	0.13	0.37	
218-01-9	Chrysene	1.20	0.087	0.19	
53-70-3	Dibenz(a,h)anthracene	1.14	0.077	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
132-64-9	Dibenzofuran	1.02	0.087	0.37	
84-74-2	Di-n-butylphthalate	1.32	0.087	0.37	
95-50-1	1,2-Dichlorobenzene	0.874	0.087	0.37	
541-73-1	1,3-Dichlorobenzene	0.834	0.087	0.37	
106-46-7	1,4-Dichlorobenzene	0.835	0.087	0.37	
91-94-1	3,3-Dichlorobenzidine	1.30	0.066	0.19	R-06
120-83-2	2,4-Dichlorophenol	1.02	0.087	0.37	
84-66-2	Diethylphthalate	1.22	0.11	0.37	
105-67-9	2,4-Dimethylphenol	1.08	0.077	0.37	
131-11-3	Dimethylphthalate	1.19	0.11	0.72	
534-52-1	4,6-Dinitro-2-methylphenol	1.27	0.044	0.37	V-06
51-28-5	2,4-Dinitrophenol	1.03	0.044	0.72	V-06
121-14-2	2,4-Dinitrotoluene	1.11	0.12	0.37	
606-20-2	2,6-Dinitrotoluene	1.18	0.12	0.37	
117-84-0	Di-n-octylphthalate	1.03	0.14	0.72	
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	1.31	0.087	0.37	
206-44-0	Fluoranthene	1.10	0.077	0.19	
86-73-7	Fluorene	1.07	0.098	0.19	
118-74-1	Hexachlorobenzene	1.23	0.087	0.37	
87-68-3	Hexachlorobutadiene	0.916	0.066	0.37	
77-47-4	Hexachlorocyclopentadiene	0.742	0.066	0.72	R-06
67-72-1	Hexachloroethane	0.905	0.087	0.37	
193-39-5	Indeno(1,2,3-cd)pyrene	1.15	0.077	0.19	
78-59-1	Isophorone	1.04	0.11	0.37	
90-12-0	1-Methylnaphthalene	1.03	0.11	0.19	
91-57-6	2-Methylnaphthalene	0.933	0.11	0.19	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045341-MSD1	File ID:	D020211a.D
Sampled:		Prepared:	01/31/12 16:28	Analyzed:	02/02/12 14:35
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045341	Sequence:	S001784	Calibration:	1200012
Instrument:	GCMSSV4				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-48-7	2-Methylphenol	1.13	0.14	0.37	
108-39-4/106-44-5	3/4-Methylphenol	1.81	0.17	0.37	
91-20-3	Naphthalene	0.904	0.077	0.19	
88-74-4	2-Nitroaniline	1.07	0.11	0.37	
99-09-2	3-Nitroaniline	1.13	0.11	0.37	
100-01-6	4-Nitroaniline	1.12	0.13	0.37	
98-95-3	Nitrobenzene	0.900	0.077	0.37	
88-75-5	2-Nitrophenol	0.988	0.055	0.37	
100-02-7	4-Nitrophenol	1.30	0.044	0.72	
62-75-9	N-Nitrosodimethylamine	0.783	0.066	0.37	
86-30-6	N-Nitrosodiphenylamine	1.84	0.12	0.37	
621-64-7	N-Nitrosodi-n-propylamine	1.24	0.14	0.37	
82-68-8	Pentachloronitrobenzene	1.37	0.12	0.37	
87-86-5	Pentachlorophenol	1.34	0.066	0.37	V-06
85-01-8	Phenanthrene	1.22	0.087	0.19	
108-95-2	Phenol	1.02	0.098	0.37	
129-00-0	Pyrene	1.13	0.11	0.19	
110-86-1	Pyridine	0.514	0.087	0.37	MS-09
95-94-3	1,2,4,5-Tetrachlorobenzene	0.987	0.077	0.37	
120-82-1	1,2,4-Trichlorobenzene	0.925	0.066	0.37	
95-95-4	2,4,5-Trichlorophenol	1.21	0.11	0.37	
88-06-2	2,4,6-Trichlorophenol	1.13	0.077	0.37	

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

CF 2/3/12

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-D4	4.369	150	54950	40.00	ug/ml	0.00
19) NAPHTHALENE-d8	5.323	136	131971	40.00	ug/ml	0.00
35) ACENAPHTHENE-D10	7.110	164	91084	40.00	ug/ml	0.00
57) PHENANTHRENE-D10	9.379	188	176411	40.00	ug/ml	0.00
70) CHRYSENE-D12	14.303	240	134638	40.00	ug/ml	-0.02
79) PERYLENE-D12	16.814	264	147498	40.00	ug/ml	-0.03
System Monitoring Compounds						
2) 2-Fluorophenol	3.275	112	95251	104.91	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 52.45%			
3) Phenol-d6	4.127	99	132201	114.83	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 57.41%			
20) Nitrobenzene-d5	4.792	82	62933	50.78	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 50.78%			
36) 2-Fluorobiphenyl	6.324	172	140851	55.81	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 55.81%			
37) 2,4,6-Tribromophenol	8.254	330	66974	146.56	ug/ml	0.00
Spiked Amount 200.000	Range 30 - 130		Recovery = 73.28%			
71) Terphenyl-d14	12.410	244	167304	63.41	ug/ml	0.00
Spiked Amount 100.000	Range 30 - 130		Recovery = 63.41%			
Target Compounds						Qvalue
4) N-Nitrosodimethylamine	1.208	42	10352	21.50	ug/ml#	43
5) Pyridine	1.264	79	13019	14.10	ug/ml#	22
6) Aniline	4.117	93	22559	15.70	ug/ml#	30
7) Phenol	4.136	94	37641	27.93	ug/ml#	86
8) Bis(2-chloroethyl)ether	4.183	93	24842	27.27	ug/ml	99
9) 2-Chlorophenol	4.211	128	27456	26.96	ug/ml	100
10) 1,3-Dichlorobenzene	4.322	146	28493	22.90	ug/ml	99
11) 1,4-Dichlorobenzene	4.385	146	29328	22.91	ug/ml	98
12) 1,2-Dichlorobenzene	4.496	146	28332	24.00	ug/ml	100
13) 2- METHYLPHENOL	4.596	108	28184	31.08	ug/ml	97
14) Bis(2-Chloroisopropyl)...	4.596	45	30373	25.74	ug/ml	89
15) Acetophenone	4.683	105	39767	27.94	ug/ml#	62
16) 3/4- METHYLPHENOL	4.708	107	52337	49.81	ug/ml#	53
17) N-Nitroso-Di-N-Propyla...	4.695	70	21882	34.17	ug/ml#	84
18) Hexachloroethane	4.748	117	12440	24.83	ug/ml	98
21) NITROBENZENE	4.807	77	31258	24.70	ug/ml	97
22) Isophorone	4.984	82	61130	28.46	ug/ml	100
23) 2-Nitrophenol	5.040	139	16310	27.13	ug/ml	98
24) 2,4-Dimethylphenol	5.090	122	27688	29.73	ug/ml	99
25) Bis(2-Chloroethoxy)met...	5.152	93	34744	29.56	ug/ml#	97
26) Benzoic Acid	5.155	122	8595m	14.34	ug/ml	
27) 2,4-Dichlorophenol	5.227	162	28612	28.11	ug/ml	100
28) 1,2,4-Trichlorobenzene	5.283	180	29881	25.38	ug/ml	99
29) Naphthalene	5.342	128	81411	24.82	ug/ml	100
30) 4-Chloroaniline	5.392	127	26856	20.68	ug/ml	98
31) Hexachlorobutadiene	5.448	225	18369	25.15	ug/ml	99
32) 4-Chloro-3-Methylphenol	5.824	107	34432	32.85	ug/ml	100
33) 2-MethylNaphthalene	5.942	142	61309	25.62	ug/ml	100
34) 1-Methylnaphthalene	6.035	142	59309	28.31	ug/ml	99
38) Hexachlorocyclopentadiene	6.103	237	15043	20.38	ug/ml	99
39) 1,2,4,5-Tetrachloroben...	6.110	216	33992	27.10	ug/ml	100
40) 2,4,6-Trichlorophenol	6.237	196	25483	30.98	ug/ml	99
41) 2,4,5-Trichlorophenol	6.277	196	29491	33.29	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

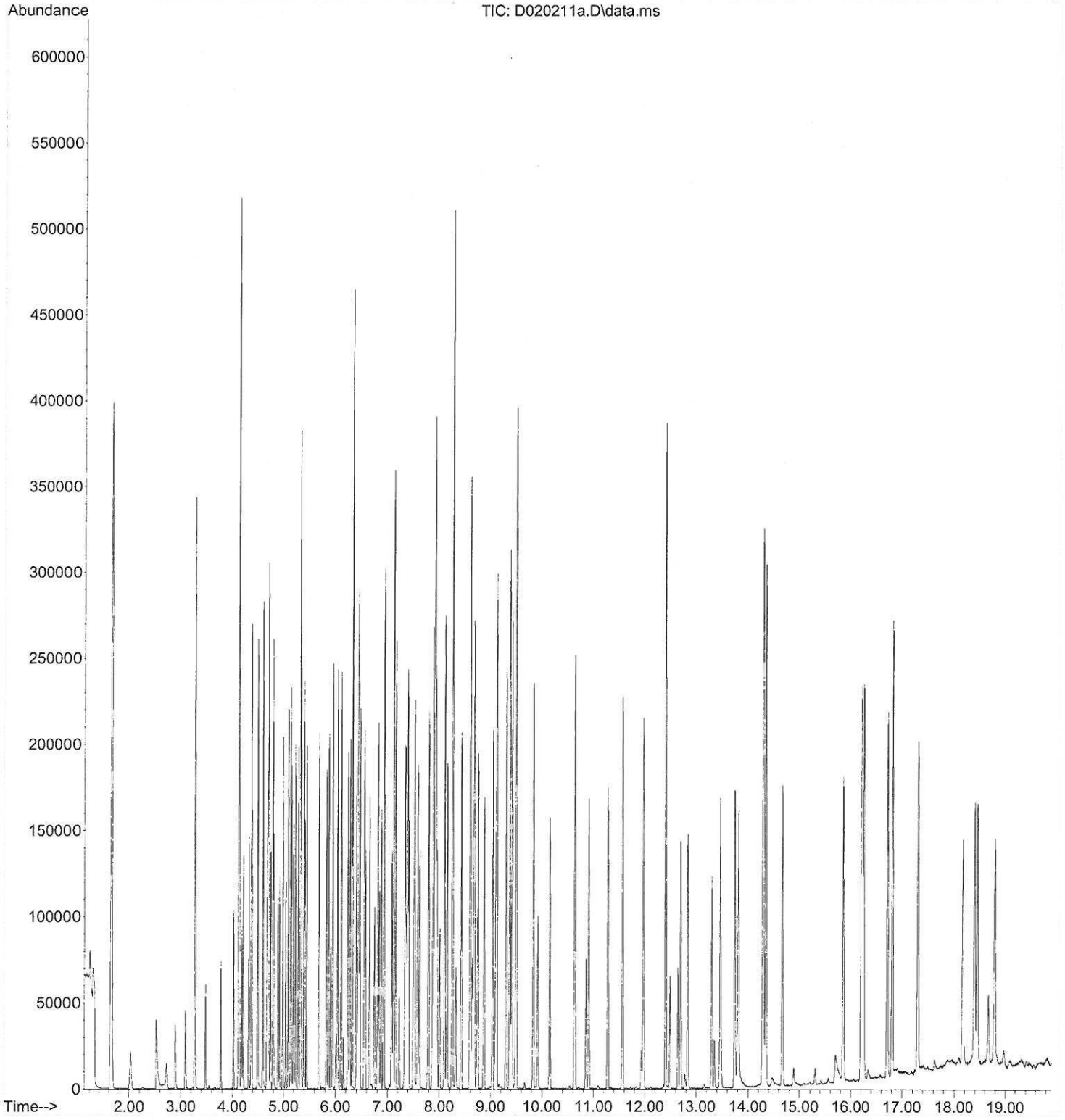
Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2-ChloroNaphthalene	6.442	162	62911	23.12	ug/ml	94
43) 2-Nitroaniline	6.570	65	22559	29.34	ug/ml	97
44) DIMETHYL PHTHALATE	6.809	163	89988	32.75	ug/ml	100
45) 2,6-DinitroToluene	6.874	165	22315	32.26	ug/ml	99
46) Acenaphthylene	6.927	152	107821	27.72	ug/ml	100
47) 3-Nitroaniline	7.079	138	22643	30.99	ug/ml	99
48) Acenaphthene	7.154	154	65915	28.49	ug/ml	99
49) 2,4-Dinitrophenol	7.229	184	8137	28.20	ug/ml	98
50) 4-Nitrophenol	7.362	109	18062	35.64	ug/ml	83
51) Dibenzofuran	7.387	168	105197	28.04	ug/ml	98
52) 2,4-Dinitrotoluene	7.409	165	32539	30.49	ug/ml#	90
53) DIETHYL PHTHALATE	7.791	149	105506	33.48	ug/ml	99
54) 4-Chlorophenyl phenyl ...	7.909	204	46646	30.43	ug/ml	98
55) Flourene	7.875	166	94908	29.39	ug/ml	99
56) 4-Nitroaniline	7.950	138	24370	30.82	ug/ml	99
58) 4,6-Dinitro-2-Methylph...	8.006	198	16352	34.99	ug/ml	100
59) N-Nitrosodiphenylamine	8.102	169	84269	50.47	ug/ml	98
60) 1,2-Diphenylhydrazine	8.149	77	96131	36.05	ug/ml	100
61) 4-Bromophenyl phenyl e...	8.677	248	29819	36.88	ug/ml	98
62) Hexachlorobenzene	8.745	284	32897	33.82	ug/ml	100
63) Pentachlorophenol	9.100	266	22133	36.86	ug/ml	98
64) Pentachloronitrobenzene	9.121	295	6019	37.69	ug/ml	98
65) Phenanthrene	9.420	178	145036	33.47	ug/ml	100
66) Anthracene	9.507	178	147695	34.14	ug/ml	99
67) Carbazole	9.836	167	134138	35.00	ug/ml	100
68) Di-N-Butyl Phthalate	10.635	149	189461	36.12	ug/ml	100
69) Flouranthene	11.571	202	136599	30.30	ug/ml	100
72) Benzidine	11.934	184	15334	13.86	ug/ml	97
73) Pyrene	11.975	202	135084	31.04	ug/ml	100
74) Butylbenzyl phthalate	13.460	149	58632	34.46	ug/ml	99
75) 3,3'-Dichlorobenzidine	14.343	252	33215	35.65	ug/ml	99
76) Benzo(a)anthracene	14.284	228	117572	34.13	ug/ml	99
77) Chrysene	14.346	228	109639	32.92	ug/ml	99
78) Bis(2-ethylhexyl)phtha...	14.663	149	77251	35.46	ug/ml	98
80) Di-n-octylphthalate	15.850	149	135282	28.30	ug/ml	100
81) Benzo(b)fluoranthene	16.202	252	131965	30.21	ug/ml	99
82) Benzo(k)fluoranthene	16.251	252	130185	30.92	ug/ml	99
83) Benzo(a)pyrene	16.718	252	125322	32.28	ug/ml	99
84) Indeno(1,2,3-cd)pyrene	18.396	276	94834	31.56	ug/ml	98
85) Dibenz(a,h)anthracene	18.452	278	95042	31.18	ug/ml	99
86) Benzo(g,h,i)perylene	18.791	276	94424	29.20	ug/ml	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

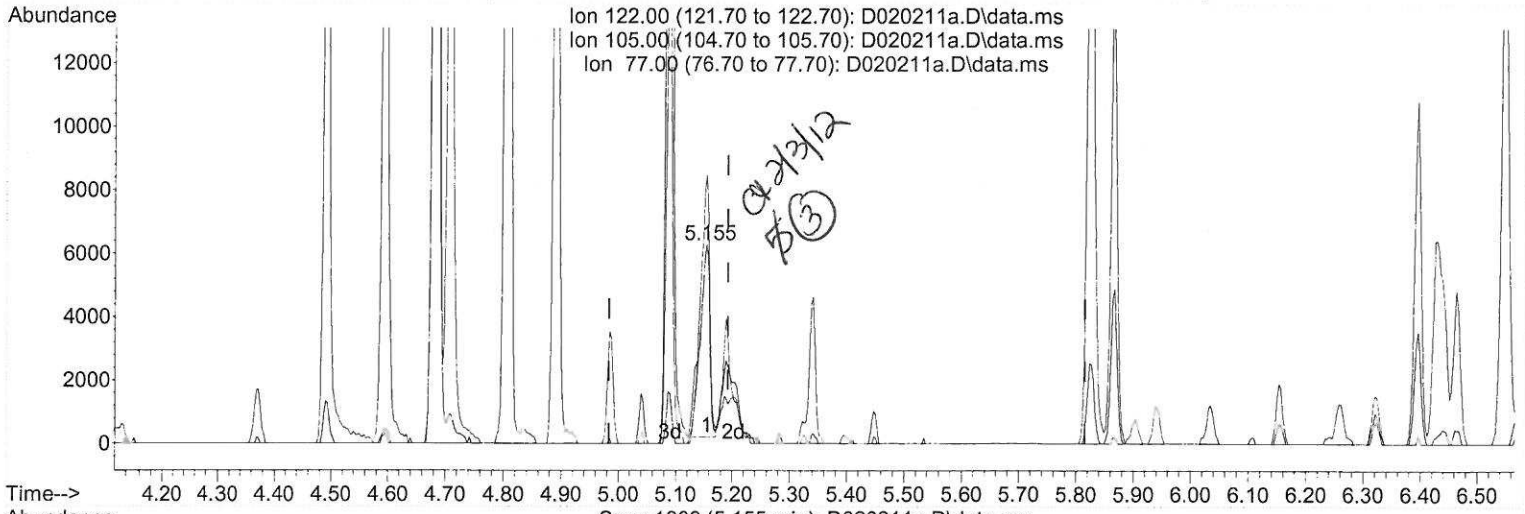
Quant Time: Feb 03 09:44:34 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration

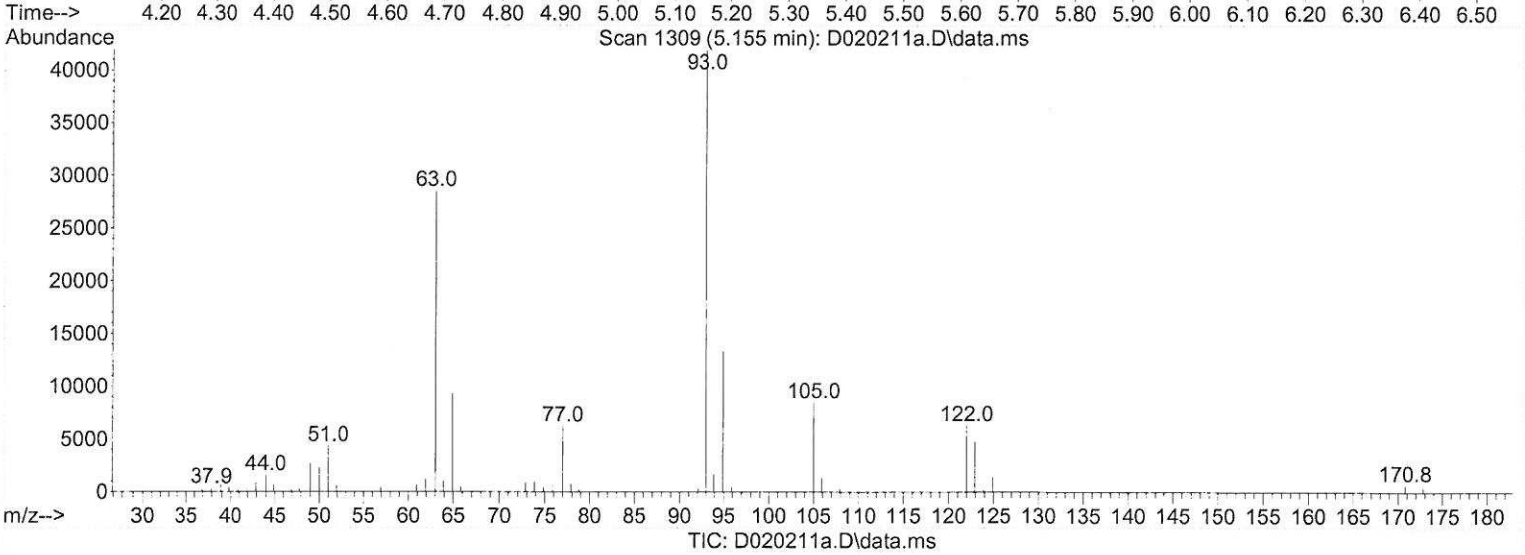


Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:13:07 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020211a.D\data.ms

(26) Benzoic Acid

5.155min (-0.037) 13.29 ug/ml

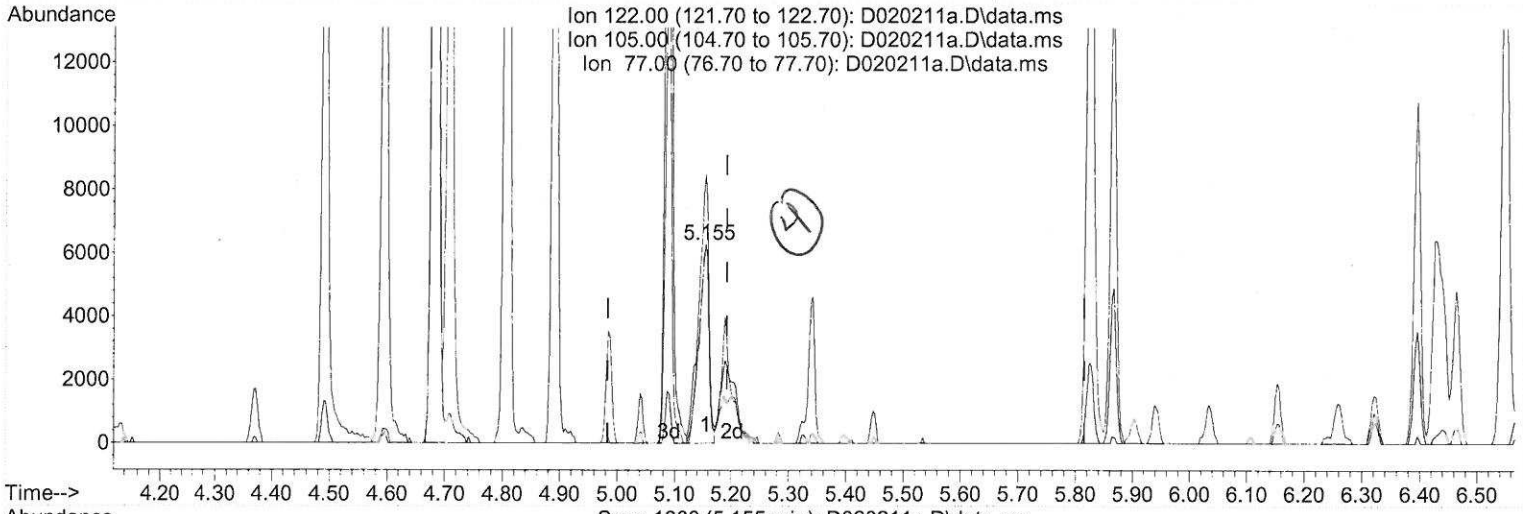
response 7965

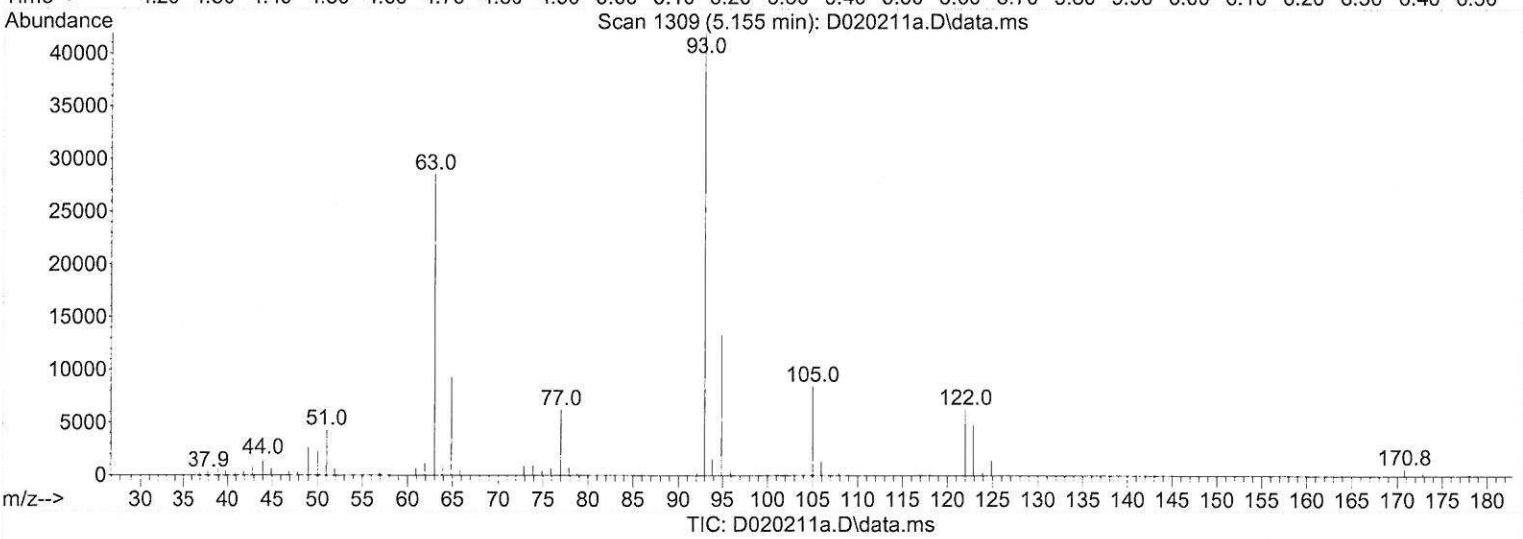
Ion	Exp%	Act%
122.00	100	100
105.00	131.00	128.65
77.00	99.80	100.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : O:\DATA\020212\
Data File : D020211a.D
Acq On : 2 Feb 2012 2:35 pm
Operator : BGL
Sample : B045341-MSD1 @/rris Inst : GCMSSV4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 03 09:13:07 2012
Quant Method : O:\METHODS\BND01232.M
Quant Title : 8270STD SVMS4 (d)method D criteria only(rsd20%)
QLast Update : Fri Feb 03 09:11:06 2012
Response via : Initial Calibration





TIC: D020211a.D\data.ms

(26) Benzoic Acid

5.155min (-0.037) 14.34 ug/ml m

response 8595

Ion	Exp%	Act%
122.00	100	100
105.00	131.00	119.22
77.00	99.80	92.95
0.00	0.00	0.00

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PEST

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SAMPLE DATA

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	F0201045.d
Sampled:	01/27/12 10:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 22:46
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011	Instrument:	ECD6

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0011	0.021	
309-00-2	Aldrin		0.00051	0.0051	
319-84-6	alpha-BHC		0.00062	0.0051	
319-85-7	beta-BHC		0.00092	0.0051	
319-86-8	delta-BHC		0.00072	0.0051	
58-89-9	gamma-BHC (Lindane)		0.00082	0.0021	
57-74-9	Chlordane		0.0029	0.021	
72-54-8	4,4'-DDD		0.00010	0.0041	
72-55-9	4,4'-DDE		0.00010	0.0041	
50-29-3	4,4'-DDT [2C]		0.00010	0.0041	
60-57-1	Dieldrin		0.00010	0.0041	
959-98-8	Endosulfan I		0.00082	0.0051	
33213-65-9	Endosulfan II		0.0010	0.0082	
1031-07-8	Endosulfan Sulfate		0.0013	0.0082	
72-20-8	Endrin		0.00021	0.0082	
7421-93-4	Endrin Aldehyde		0.0011	0.0082	
53494-70-5	Endrin Ketone		0.0012	0.0082	
76-44-8	Heptachlor		0.00051	0.0051	
1024-57-3	Heptachlor Epoxide		0.00062	0.0051	
118-74-1	Hexachlorobenzene		0.0014	0.0051	
72-43-5	Methoxychlor [2C]		0.00031	0.051	
8001-35-2	Toxaphene		0.0090	0.10	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:46 pm
Operator : JMB
Sample : 12A0882-01@SEP Inst : ECD 6
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:45:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1096.0E6	1162.6E6	114.301	110.841
	Spiked Amount	200.000	Range 60 - 300	Recovery =		57.15%#	55.42%#
24) S	Decachlor...	8.450	8.972	861.7E6	895.4E6	99.386	109.911
	Spiked Amount	200.000	Range 60 - 300	Recovery =		49.69%#	54.96%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

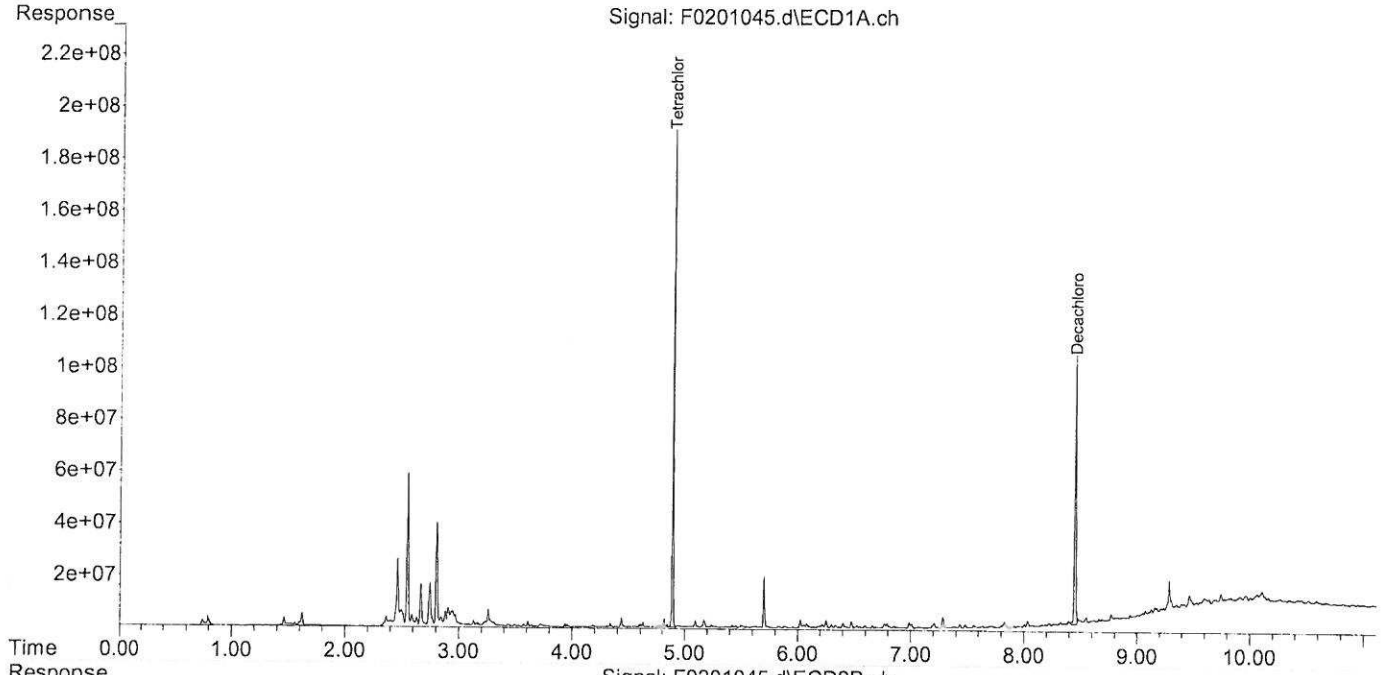
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

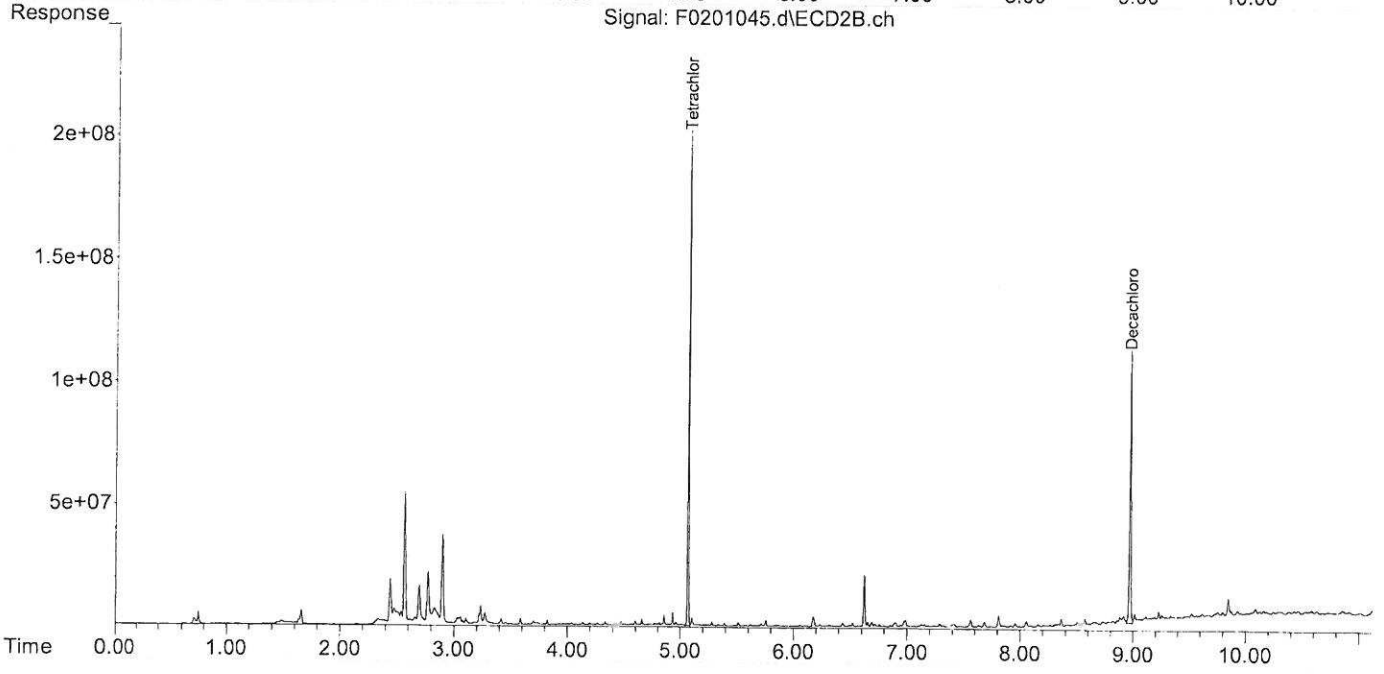
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:46 pm
Operator : JMB
Sample : 12A0882-01@SEP Inst : ECD 6
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:45:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	F0201046.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 23:03
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011	Instrument:	ECD6

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00063	0.0053	
319-85-7	beta-BHC		0.00095	0.0053	
319-86-8	delta-BHC		0.00074	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00084	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0042	
72-55-9	4,4'-DDE		0.00011	0.0042	
50-29-3	4,4'-DDT [2C]		0.00011	0.0042	
60-57-1	Dieldrin		0.00011	0.0042	
959-98-8	Endosulfan I		0.00084	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0084	
1031-07-8	Endosulfan Sulfate		0.0014	0.0084	
72-20-8	Endrin		0.00021	0.0084	
7421-93-4	Endrin Aldehyde		0.0012	0.0084	
53494-70-5	Endrin Ketone		0.0013	0.0084	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00063	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor [2C]		0.00032	0.053	
8001-35-2	Toxaphene		0.0093	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:03 pm
Operator : JMB
Sample : 12A0882-02@SEP Inst : ECD 6
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:03 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1400.3E6	1484.6E6	146.036	141.534
	Spiked Amount	200.000	Range 60 - 300	Recovery =		73.02%	70.77%
24) S	Decachlor...	8.449	8.971	1129.2E6	1139.0E6	130.238	139.818
	Spiked Amount	200.000	Range 60 - 300	Recovery =		65.12%	69.91%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

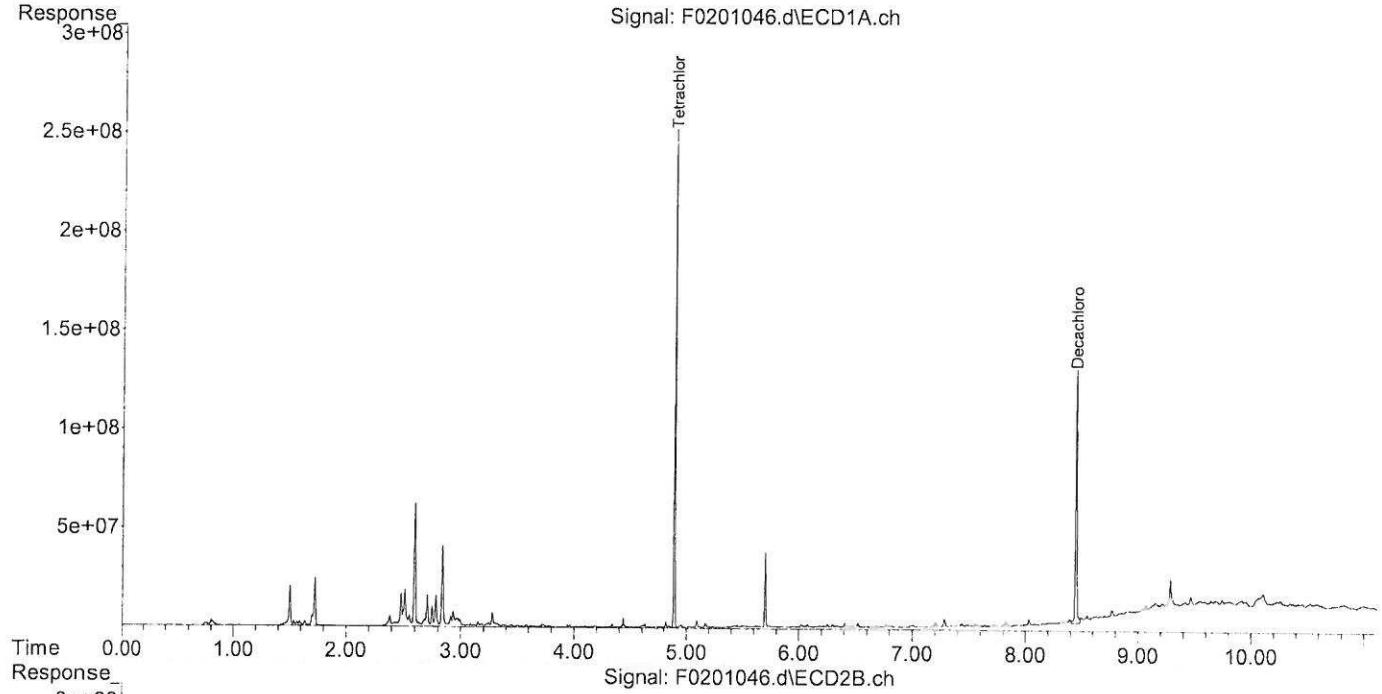
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

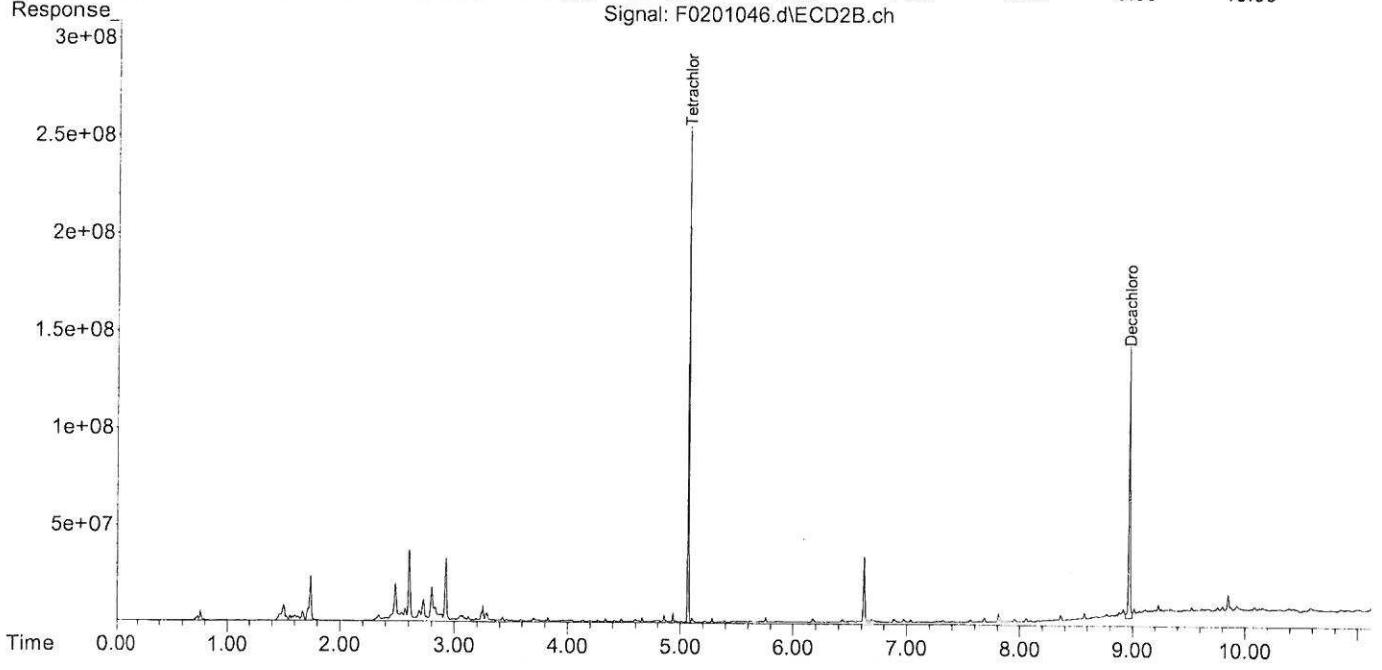
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:03 pm
Operator : JMB
Sample : 12A0882-02@SEP Inst : ECD 6
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:03 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	F0201047.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 23:19
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011	Instrument:	ECD6

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00064	0.0053	
319-85-7	beta-BHC		0.00096	0.0053	
319-86-8	delta-BHC		0.00075	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00085	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0043	
72-55-9	4,4'-DDE		0.00011	0.0043	
50-29-3	4,4'-DDT [2C]		0.00011	0.0043	
60-57-1	Dieldrin		0.00011	0.0043	
959-98-8	Endosulfan I		0.00085	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0085	
1031-07-8	Endosulfan Sulfate		0.0014	0.0085	
72-20-8	Endrin		0.00021	0.0085	
7421-93-4	Endrin Aldehyde		0.0012	0.0085	
53494-70-5	Endrin Ketone		0.0013	0.0085	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00064	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor [2C]		0.00032	0.053	
8001-35-2	Toxaphene		0.0094	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:19 pm
Operator : JMB
Sample : 12A0882-03@SEP Inst : ECD 6
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.890	5.068	1391.3E6	1462.9E6	145.093	139.472
	Spiked Amount	200.000	Range 60 - 300	Recovery =		72.55%	69.74%
24)	S Decachlor...	8.449	8.971	1114.5E6	1110.7E6	128.548	136.337
	Spiked Amount	200.000	Range 60 - 300	Recovery =		64.27%	68.17%
	Target Compounds						
2)	T Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3)	T alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4)	T gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5)	T Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6)	T Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7)	T Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8)	T Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9)	T Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10)	T Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11)	T Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12)	T A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13)	T 4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14)	T Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15)	T Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16)	T Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17)	T 4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18)	T Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19)	T 4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20)	T Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21)	T Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22)	T End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23)	T Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

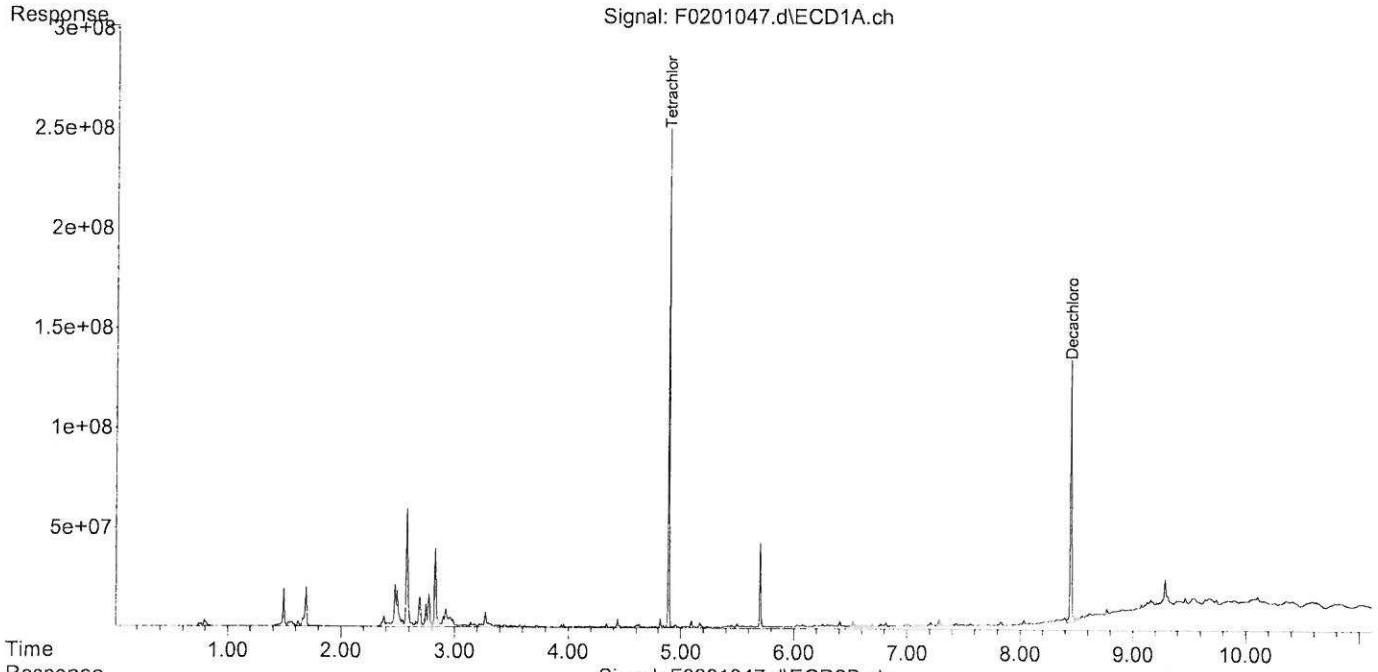
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

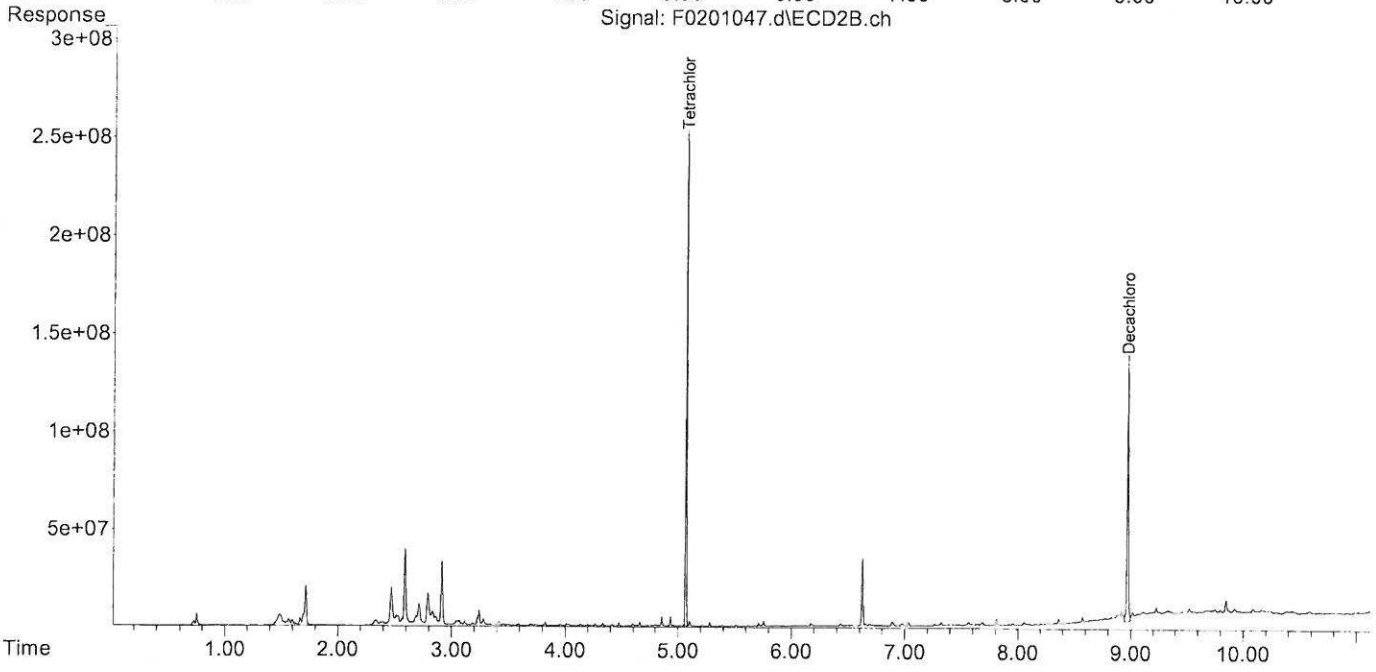
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:19 pm
Operator : JMB
Sample : 12A0882-03@SEP Inst : ECD 6
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:23:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	F0201034.d
Sampled:	01/27/12 12:00	Prepared:	01/31/12 02:02	Analyzed:	02/01/12 19:42
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	1
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor		0.0012	0.021	
309-00-2	Aldrin		0.00053	0.0053	
319-84-6	alpha-BHC		0.00064	0.0053	
319-85-7	beta-BHC		0.00095	0.0053	
319-86-8	delta-BHC		0.00074	0.0053	
58-89-9	gamma-BHC (Lindane)		0.00085	0.0021	
57-74-9	Chlordane		0.0030	0.021	
72-54-8	4,4'-DDD		0.00011	0.0042	
72-55-9	4,4'-DDE		0.00011	0.0042	
50-29-3	4,4'-DDT		0.00011	0.0042	
60-57-1	Dieldrin		0.00011	0.0042	
959-98-8	Endosulfan I		0.00085	0.0053	
33213-65-9	Endosulfan II		0.0011	0.0085	
1031-07-8	Endosulfan Sulfate		0.0014	0.0085	
72-20-8	Endrin		0.00021	0.0085	
7421-93-4	Endrin Aldehyde		0.0012	0.0085	
53494-70-5	Endrin Ketone		0.0013	0.0085	
76-44-8	Heptachlor		0.00053	0.0053	
1024-57-3	Heptachlor Epoxide		0.00064	0.0053	
118-74-1	Hexachlorobenzene		0.0015	0.0053	
72-43-5	Methoxychlor		0.00032	0.053	
8001-35-2	Toxaphene		0.0093	0.11	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:42 pm
Operator : JMB
Sample : 12A0882-04 Inst : ECD 6
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:12:43 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.891	5.069	1497.0E6	1634.4E6	156.114	155.820
	Spiked Amount	200.000	Range 60 - 300	Recovery =		78.06%	77.91%
24) S	Decachlor...	8.450	8.971	1299.2E6	1268.2E6	149.849	155.674
	Spiked Amount	200.000	Range 60 - 300	Recovery =		74.92%	77.84%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

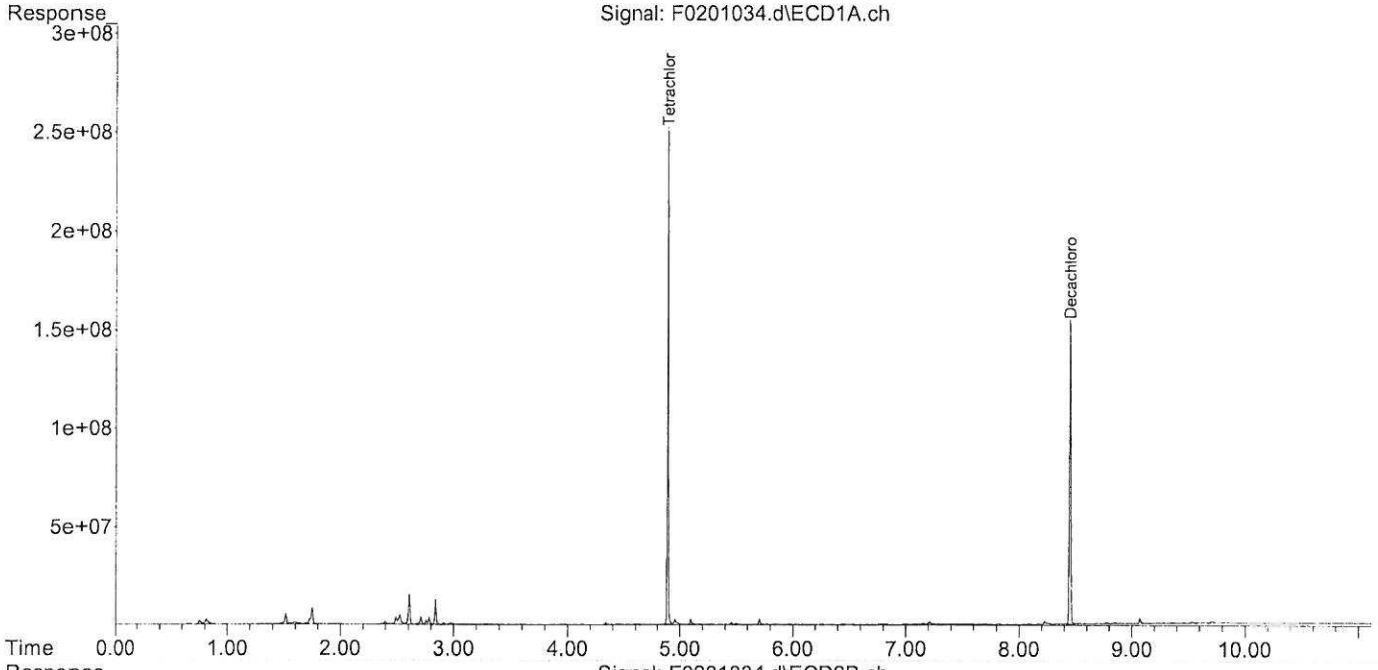
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

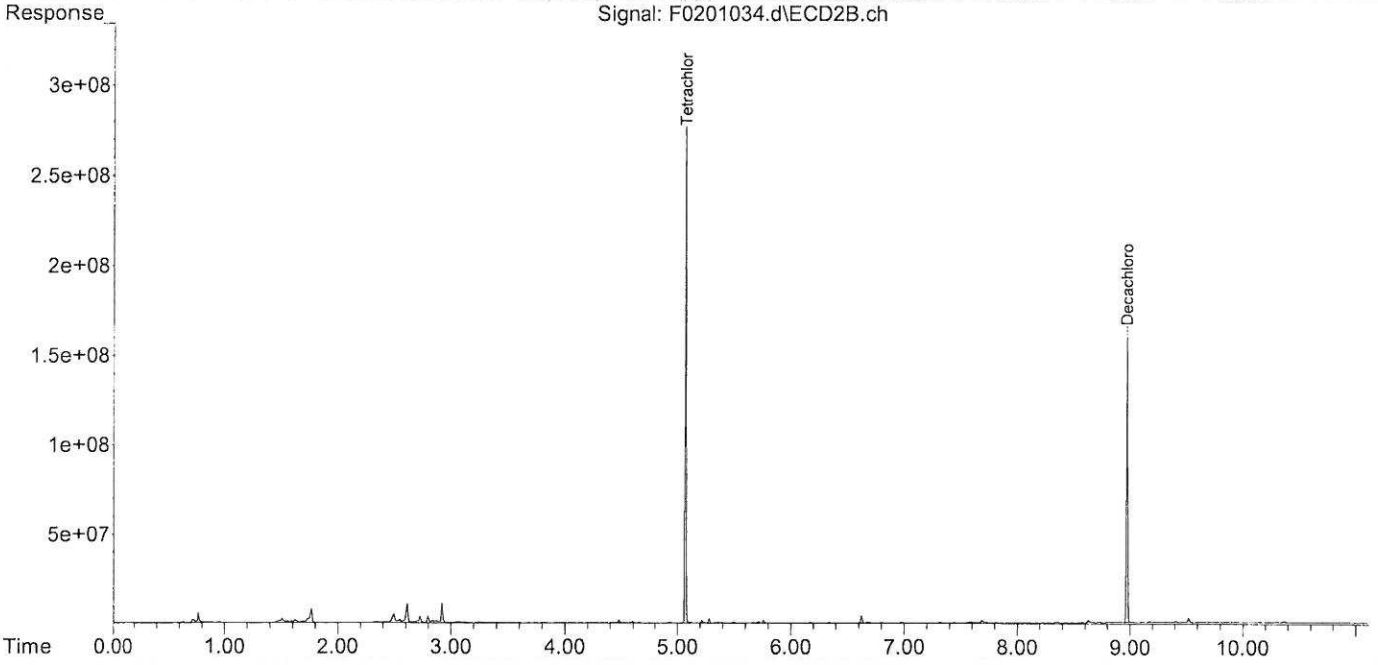
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:42 pm
Operator : JMB
Sample : 12A0882-04 Inst : ECD 6
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:12:43 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC SUMMARY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	ECD6

	DCB 1 (30% - 150%)	DCB 2 (30% - 150%)	TCX 1 (30% - 150%)	TCX 2 (30% - 150%)
12A0882-01	49.7	55.0	57.2	55.4
12A0882-02	65.1	69.9	73.0	70.8
12A0882-03	64.3	68.2	72.5	69.7
12A0882-04	74.9	77.8	78.1	77.9
B045472-BLK1	91.2	93.1	93.6	88.6
B045472-BS1	87.3	89.0	89.2	83.2
B045472-BSD1	80.6	81.9	82.6	80.0
B045472-MS1	79.6	84.5	86.5	84.7
B045472-MSD1	62.4	64.4	66.7	65.3

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MS1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Alachlor	0.0216	ND	0.018	82.8	30 - 150
Aldrin	0.0216	ND	0.020	92.1	30 - 150
alpha-BHC	0.0216	ND	0.021	95.3	30 - 150
beta-BHC	0.0216	ND	0.020	91.3	30 - 150
delta-BHC	0.0216	ND	0.020	90.5	30 - 150
gamma-BHC (Lindane)	0.0216	ND	0.019	88.6	30 - 150
4,4'-DDD	0.0216	ND	0.020	92.6	30 - 150
4,4'-DDE	0.0216	ND	0.020	92.7	30 - 150
4,4'-DDT	0.0216	ND	0.023	107	30 - 150
Dieldrin	0.0216	ND	0.020	93.6	30 - 150
Endosulfan I	0.0216	ND	0.019	89.8	30 - 150
Endosulfan II	0.0216	ND	0.020	90.2	30 - 150
Endosulfan Sulfate	0.0216	ND	0.019	89.8	30 - 150
Endrin	0.0216	ND	0.021	95.7	30 - 150
Endrin Aldehyde	0.0216	ND	0.015	67.7	30 - 150
Endrin Ketone	0.0216	ND	0.019	86.7	30 - 150
Heptachlor	0.0216	ND	0.020	92.6	30 - 150
Heptachlor Epoxide	0.0216	ND	0.020	91.3	30 - 150
Hexachlorobenzene	0.0216	ND	0.020	90.9	30 - 150
Methoxychlor	0.0216	ND	0.024	110	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MSD1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Alachlor	0.0216	0.014	63.7	26.1	30	30 - 150
Aldrin	0.0216	0.015	71.4	25.3	30	30 - 150
alpha-BHC	0.0216	0.016	73.8	25.4	30	30 - 150
beta-BHC	0.0216	0.015	71.6	24.1	30	30 - 150
delta-BHC	0.0216	0.015	68.2	28.2	30	30 - 150
gamma-BHC (Lindane)	0.0216	0.015	68.5	25.6	30	30 - 150
4,4'-DDD	0.0216	0.015	71.2	26.1	30	30 - 150
4,4'-DDE	0.0216	0.015	71.6	25.7	30	30 - 150
4,4'-DDT	0.0216	0.018	82.6	26.1	30	30 - 150
Dieldrin	0.0216	0.016	72.7	25.1	30	30 - 150
Endosulfan I	0.0216	0.015	70.0	24.8	30	30 - 150
Endosulfan II	0.0216	0.015	70.3	24.8	30	30 - 150
Endosulfan Sulfate	0.0216	0.015	69.8	25.1	30	30 - 150
Endrin	0.0216	0.016	75.3	23.9	30	30 - 150
Endrin Aldehyde	0.0216	0.012	53.2	23.9	30	30 - 150
Endrin Ketone	0.0216	0.015	68.1	24.1	30	30 - 150
Heptachlor	0.0216	0.016	71.9	25.3	30	30 - 150
Heptachlor Epoxide	0.0216	0.015	71.3	24.5	30	30 - 150
Hexachlorobenzene	0.0216	0.016	72.7	22.2	30	30 - 150
Methoxychlor	0.0216	0.019	85.9	24.8	30	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MS1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Alachlor [2C]	0.0216	ND	0.018	81.8	30 - 150
Aldrin [2C]	0.0216	ND	0.020	93.3	30 - 150
alpha-BHC [2C]	0.0216	ND	0.019	88.8	30 - 150
beta-BHC [2C]	0.0216	ND	0.019	89.1	30 - 150
delta-BHC [2C]	0.0216	ND	0.019	87.4	30 - 150
gamma-BHC (Lindane) [2C]	0.0216	ND	0.019	87.5	30 - 150
4,4'-DDD [2C]	0.0216	ND	0.020	93.0	30 - 150
4,4'-DDE [2C]	0.0216	ND	0.020	93.1	30 - 150
4,4'-DDT [2C]	0.0216	ND	0.021	99.3	30 - 150
Dieldrin [2C]	0.0216	ND	0.021	95.7	30 - 150
Endosulfan I [2C]	0.0216	ND	0.020	92.7	30 - 150
Endosulfan II [2C]	0.0216	ND	0.020	91.3	30 - 150
Endosulfan Sulfate [2C]	0.0216	ND	0.020	90.5	30 - 150
Endrin [2C]	0.0216	ND	0.021	98.6	30 - 150
Endrin Aldehyde [2C]	0.0216	ND	0.014	66.7	30 - 150
Endrin Ketone [2C]	0.0216	ND	0.019	87.2	30 - 150
Heptachlor [2C]	0.0216	ND	0.020	93.1	30 - 150
Heptachlor Epoxide [2C]	0.0216	ND	0.020	91.2	30 - 150
Hexachlorobenzene [2C]	0.0216	ND	0.018	85.2	30 - 150
Methoxychlor [2C]	0.0216	ND	0.022	101	30 - 150

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8081B
Batch:	B045472	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045472-MSD1
Initial/Final:	10.1 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Alachlor [2C]	0.0216	0.013	62.3	27.1	30	30 - 150
Aldrin [2C]	0.0216	0.016	72.3	25.3	30	30 - 150
alpha-BHC [2C]	0.0216	0.015	68.8	25.4	30	30 - 150
beta-BHC [2C]	0.0216	0.015	70.5	23.4	30	30 - 150
delta-BHC [2C]	0.0216	0.015	67.4	26.0	30	30 - 150
gamma-BHC (Lindane) [2C]	0.0216	0.015	68.4	24.5	30	30 - 150
4,4'-DDD [2C]	0.0216	0.016	72.8	24.4	30	30 - 150
4,4'-DDE [2C]	0.0216	0.016	71.9	25.7	30	30 - 150
4,4'-DDT [2C]	0.0216	0.017	76.7	25.6	30	30 - 150
Dieldrin [2C]	0.0216	0.016	73.8	25.8	30	30 - 150
Endosulfan I [2C]	0.0216	0.016	72.1	24.9	30	30 - 150
Endosulfan II [2C]	0.0216	0.015	71.1	24.9	30	30 - 150
Endosulfan Sulfate [2C]	0.0216	0.015	71.3	23.6	30	30 - 150
Endrin [2C]	0.0216	0.017	77.6	23.9	30	30 - 150
Endrin Aldehyde [2C]	0.0216	0.011	51.6	25.4	30	30 - 150
Endrin Ketone [2C]	0.0216	0.015	67.8	25.1	30	30 - 150
Heptachlor [2C]	0.0216	0.016	72.2	25.3	30	30 - 150
Heptachlor Epoxide [2C]	0.0216	0.015	71.5	24.2	30	30 - 150
Hexachlorobenzene [2C]	0.0216	0.015	68.6	21.6	30	30 - 150
Methoxychlor [2C]	0.0216	0.017	79.7	23.7	30	30 - 150

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BS1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Alachlor	0.0200	0.018	92.0	40 - 140
Aldrin	0.0200	0.020	101	40 - 140
alpha-BHC	0.0200	0.019	94.2	40 - 140
beta-BHC	0.0200	0.020	100	40 - 140
delta-BHC	0.0200	0.019	93.8	40 - 140
gamma-BHC (Lindane)	0.0200	0.019	93.7	40 - 140
4,4'-DDD	0.0200	0.020	98.2	40 - 140
4,4'-DDE	0.0200	0.020	99.3	40 - 140
4,4'-DDT	0.0200	0.021	106	40 - 140
Dieldrin	0.0200	0.021	103	40 - 140
Endosulfan I	0.0200	0.020	100	40 - 140
Endosulfan II	0.0200	0.020	99.2	40 - 140
Endosulfan Sulfate	0.0200	0.020	99.1	40 - 140
Endrin	0.0200	0.020	102	40 - 140
Endrin Aldehyde	0.0200	0.015	75.0	40 - 140
Endrin Ketone	0.0200	0.019	96.2	40 - 140
Heptachlor	0.0200	0.020	99.3	40 - 140
Heptachlor Epoxide	0.0200	0.020	99.4	40 - 140
Hexachlorobenzene	0.0200	0.020	98.4	40 - 140
Methoxychlor	0.0200	0.021	106	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Alachlor	0.0200	0.016	82.0	11.5	30	40 - 140
Aldrin	0.0200	0.018	91.2	10.2	30	40 - 140
alpha-BHC	0.0200	0.017	86.4	8.63	30	40 - 140
beta-BHC	0.0200	0.018	87.7	13.5	30	40 - 140
delta-BHC	0.0200	0.017	84.6	10.4	30	40 - 140
gamma-BHC (Lindane)	0.0200	0.017	84.8	9.87	30	40 - 140
4,4'-DDD	0.0200	0.018	88.3	10.6	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BSD1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDE	0.0200	0.018	89.3	10.6	30	40 - 140
4,4'-DDT	0.0200	0.019	93.3	12.3	30	40 - 140
Dieldrin	0.0200	0.019	92.5	10.4	30	40 - 140
Endosulfan I	0.0200	0.018	89.8	10.9	30	40 - 140
Endosulfan II	0.0200	0.018	88.9	10.9	30	40 - 140
Endosulfan Sulfate	0.0200	0.018	89.4	10.3	30	40 - 140
Endrin	0.0200	0.018	91.6	10.4	30	40 - 140
Endrin Aldehyde	0.0200	0.014	68.3	9.31	30	40 - 140
Endrin Ketone	0.0200	0.017	85.5	11.8	30	40 - 140
Heptachlor	0.0200	0.018	89.9	9.87	30	40 - 140
Heptachlor Epoxide	0.0200	0.018	90.2	9.67	30	40 - 140
Hexachlorobenzene	0.0200	0.018	87.8	11.3	30	40 - 140
Methoxychlor	0.0200	0.019	94.9	10.7	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BS1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Alachlor [2C]	0.0200	0.019	94.1	40 - 140
Aldrin [2C]	0.0200	0.020	101	40 - 140
alpha-BHC [2C]	0.0200	0.019	92.8	40 - 140
beta-BHC [2C]	0.0200	0.019	95.0	40 - 140
delta-BHC [2C]	0.0200	0.018	90.4	40 - 140
gamma-BHC (Lindane) [2C]	0.0200	0.019	94.2	40 - 140
4,4'-DDD [2C]	0.0200	0.020	98.8	40 - 140
4,4'-DDE [2C]	0.0200	0.020	101	40 - 140
4,4'-DDT [2C]	0.0200	0.021	103	40 - 140
Dieldrin [2C]	0.0200	0.021	103	40 - 140
Endosulfan I [2C]	0.0200	0.020	100	40 - 140
Endosulfan II [2C]	0.0200	0.020	99.1	40 - 140
Endosulfan Sulfate [2C]	0.0200	0.020	99.7	40 - 140
Endrin [2C]	0.0200	0.021	103	40 - 140
Endrin Aldehyde [2C]	0.0200	0.016	77.6	40 - 140
Endrin Ketone [2C]	0.0200	0.019	96.1	40 - 140
Heptachlor [2C]	0.0200	0.020	100	40 - 140
Heptachlor Epoxide [2C]	0.0200	0.020	100	40 - 140
Hexachlorobenzene [2C]	0.0200	0.018	92.4	40 - 140
Methoxychlor [2C]	0.0200	0.020	102	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Alachlor [2C]	0.0200	0.017	83.9	11.5	30	40 - 140
Aldrin [2C]	0.0200	0.018	91.2	10.2	30	40 - 140
alpha-BHC [2C]	0.0200	0.017	84.7	9.17	30	40 - 140
beta-BHC [2C]	0.0200	0.017	86.5	9.46	30	40 - 140
delta-BHC [2C]	0.0200	0.017	83.1	8.34	30	40 - 140
gamma-BHC (Lindane) [2C]	0.0200	0.017	84.0	11.4	30	40 - 140
4,4'-DDD [2C]	0.0200	0.018	88.4	11.1	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045472	Laboratory ID:	B045472-BSD1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
4,4'-DDE [2C]	0.0200	0.018	90.2	10.8	30	40 - 140
4,4'-DDT [2C]	0.0200	0.018	92.0	10.9	30	40 - 140
Dieldrin [2C]	0.0200	0.019	92.8	10.8	30	40 - 140
Endosulfan I [2C]	0.0200	0.018	90.4	10.3	30	40 - 140
Endosulfan II [2C]	0.0200	0.018	89.3	10.5	30	40 - 140
Endosulfan Sulfate [2C]	0.0200	0.018	89.8	10.4	30	40 - 140
Endrin [2C]	0.0200	0.018	92.2	10.7	30	40 - 140
Endrin Aldehyde [2C]	0.0200	0.014	70.7	9.23	30	40 - 140
Endrin Ketone [2C]	0.0200	0.017	86.3	10.7	30	40 - 140
Heptachlor [2C]	0.0200	0.018	90.8	9.75	30	40 - 140
Heptachlor Epoxide [2C]	0.0200	0.018	90.3	10.3	30	40 - 140
Hexachlorobenzene [2C]	0.0200	0.017	82.8	10.9	30	40 - 140
Methoxychlor [2C]	0.0200	0.019	93.2	9.48	30	40 - 140

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045472-BLK1	Batch:	B045472

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045472-MSD1	F0201038.d	20:49
Matrix Spike	B045472-MS1	F0201037.d	20:33
LCS Dup	B045472-BSD1	F0201030.d	18:36
LCS	B045472-BS1	F0201029.d	18:19
FPC-SB03	12A0882-04	F0201034.d	19:42
FPC-SB02/D	12A0882-03	F0201047.d	23:19
FPC-SB02	12A0882-02	F0201046.d	23:03
FPC-SB01	12A0882-01	F0201045.d	22:46

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CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane												
alpha-Chlordane [2C]												
gamma-Chlordane												
gamma-Chlordane [2C]												
Alachlor												
Alachlor [2C]												
Aldrin												
Aldrin [2C]												
alpha-BHC												
alpha-BHC [2C]												
beta-BHC												
beta-BHC [2C]												
delta-BHC												
delta-BHC [2C]												
gamma-BHC (Lindane)												
gamma-BHC (Lindane) [2C]												
4,4'-DDD												
4,4'-DDD [2C]												
4,4'-DDE												
4,4'-DDE [2C]												
4,4'-DDT												
4,4'-DDT [2C]												
Dieldrin												
Dieldrin [2C]												
Endosulfan I												
Endosulfan I [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Endosulfan II												
Endosulfan II [2C]												
Endosulfan Sulfate												
Endosulfan Sulfate [2C]												
Endrin												
Endrin [2C]												
Endrin Aldehyde												
Endrin Aldehyde [2C]												
Endrin Ketone												
Endrin Ketone [2C]												
Heptachlor												
Heptachlor [2C]												
Heptachlor Epoxide												
Heptachlor Epoxide [2C]												
Hexachlorobenzene												
Hexachlorobenzene [2C]												
Methoxychlor												
Methoxychlor [2C]												
Toxaphene												
Toxaphene [2C]												
Chlordane (1)	20	418886	50	418399	100	422930.6	200	451361.2	250	443600	500	451600
Chlordane (1) [2C]	20	401946.9	50	388419.6	100	408945.4	200	442055.8	250	432400	500	441200
Chlordane (2)	20	574127	50	562532	100	586311.1	200	625000	250	613200	500	619200
Chlordane (2) [2C]	20	547681.5	50	537917	100	579506	200	629000	250	610000	500	618600
Chlordane (3)	20	486636.6	50	447652.8	100	447456.5	200	454938.3	250	446000	500	439000
Chlordane (3) [2C]	20	459247.3	50	416568	100	422079	200	443225	250	423600	500	414400

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Chlordane (4)	20	1404551	50	1374626	100	1467000	200	1549500	250	1510400	500	1511600
Chlordane (4) [2C]	20	1059101	50	1014811	100	1115000	200	1199000	250	1152000	500	1169800
Chlordane (5)	20	2100259	50	2106000	100	2255000	200	2387500	250	2312400	500	2301600
Chlordane (5) [2C]	20	1032621	50	1004391	100	1105000	200	1185000	250	1138800	500	1152200
Decachlorobiphenyl												
Decachlorobiphenyl [2C]												
Tetrachloro-m-xylene												
Tetrachloro-m-xylene [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane												
alpha-Chlordane [2C]												
gamma-Chlordane												
gamma-Chlordane [2C]												
Alachlor												
Alachlor [2C]												
Aldrin												
Aldrin [2C]												
alpha-BHC												
alpha-BHC [2C]												
beta-BHC												
beta-BHC [2C]												
delta-BHC												
delta-BHC [2C]												
gamma-BHC (Lindane)												
gamma-BHC (Lindane) [2C]												
4,4'-DDD												
4,4'-DDD [2C]												
4,4'-DDE												
4,4'-DDE [2C]												
4,4'-DDT												
4,4'-DDT [2C]												
Dieldrin												
Dieldrin [2C]												
Endosulfan I												
Endosulfan I [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Endosulfan II												
Endosulfan II [2C]												
Endosulfan Sulfate												
Endosulfan Sulfate [2C]												
Endrin												
Endrin [2C]												
Endrin Aldehyde												
Endrin Aldehyde [2C]												
Endrin Ketone												
Endrin Ketone [2C]												
Heptachlor												
Heptachlor [2C]												
Heptachlor Epoxide												
Heptachlor Epoxide [2C]												
Hexachlorobenzene												
Hexachlorobenzene [2C]												
Methoxychlor												
Methoxychlor [2C]												
Toxaphene	50	6908000	100	6779001	200	6840500	250	8337200	500	8451800	750	7045067
Toxaphene [2C]	50	7674000	100	7396000	200	7296500	250	8518400	500	8824800	750	7276933
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Chlordane (4)												
Chlordane (4) [2C]												
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl												
Decachlorobiphenyl [2C]												
Tetrachloro-m-xylene												
Tetrachloro-m-xylene [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane					5	1.015585E+07	10	1.067E+07	20	1.1285E+07	50	1.0796E+07
alpha-Chlordane [2C]					5	1.066807E+07	10	1.122E+07	20	1.181E+07	50	1.1182E+07
gamma-Chlordane					5	1.020493E+07	10	1.081E+07	20	1.1435E+07	50	1.112E+07
gamma-Chlordane [2C]					5	1.079314E+07	10	1.157E+07	20	1.2195E+07	50	1.1594E+07
Alachlor					5	1606735	10	1529601	20	1481439	50	1284015
Alachlor [2C]					5	1819673	10	1782519	20	1749100	50	1497210
Aldrin			1	1.061585E+07	5	1.075679E+07	10	1.152E+07	20	1.239E+07	50	1.1914E+07
Aldrin [2C]			1	1.095532E+07	5	1.113966E+07	10	1.197E+07	20	1.275E+07	50	1.2038E+07
alpha-BHC					5	1.148607E+07	10	1.302E+07	20	1.451E+07	50	1.4178E+07
alpha-BHC [2C]					5	1.211374E+07	10	1.284E+07	20	1.3475E+07	50	1.2792E+07
beta-BHC					5	5012836	10	5050252	20	5360000	50	5076000
beta-BHC [2C]					5	5526028	10	5593555	20	5695000	50	5282000
delta-BHC					5	1.133297E+07	10	1.231E+07	20	1.331E+07	50	1.3046E+07
delta-BHC [2C]					5	1.208869E+07	10	1.314E+07	20	1.4165E+07	50	1.3356E+07
gamma-BHC (Lindane)			1	1.147387E+07	5	1.212052E+07	10	1.303E+07	20	1.41E+07	50	1.3562E+07
gamma-BHC (Lindane) [2C]			1	1.228345E+07	5	1.258505E+07	10	1.34E+07	20	1.412E+07	50	1.3332E+07
4,4'-DDD			1	7748516	5	7871762	10	8406826	20	9045000	50	8780000
4,4'-DDD [2C]			1	8181296	5	8164890	10	8727479	20	9375000	50	9026000
4,4'-DDE			1	9029967	5	9165374	10	9982048	20	1.082E+07	50	1.0478E+07
4,4'-DDE [2C]			1	9689221	5	9886070	10	1.075E+07	20	1.1585E+07	50	1.1168E+07
4,4'-DDT			1	6568086	5	6656250	10	7310024	20	8075000	50	8092000
4,4'-DDT [2C]			1	8147067	5	7955927	10	8480556	20	9235000	50	9062000
Dieldrin	0.2	1.028629E+07	1	1.047782E+07	5	1.019796E+07	10	1.091E+07	20	1.1645E+07	50	1.109E+07
Dieldrin [2C]	0.2	1.089355E+07	1	1.063358E+07	5	1.040368E+07	10	1.125E+07	20	1.198E+07	50	1.1396E+07
Endosulfan I					5	9479044	10	1.036E+07	20	1.0875E+07	50	1.0224E+07
Endosulfan I [2C]					5	9847940	10	1.036E+07	20	1.0845E+07	50	1.013E+07
Endosulfan II					5	9020732	10	9457114	20	9855000	50	9276000

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
Endosulfan II [2C]					5	9321422	10	9751782	20	1.023E+07	50	9586000
Endosulfan Sulfate					5	8090399	10	8552795	20	8895000	50	8420000
Endosulfan Sulfate [2C]					5	8693794	10	8912789	20	9305000	50	8696000
Endrin					5	9307280	10	9890642	20	1.0555E+07	50	9994000
Endrin [2C]					5	9480608	10	1.005E+07	20	1.065E+07	50	1.0052E+07
Endrin Aldehyde					5	1.118919E+07	10	8413744	20	8545000	50	7888000
Endrin Aldehyde [2C]					5	8126220	10	8337324	20	8645000	50	8046000
Endrin Ketone					5	1.086266E+07	10	1.093E+07	20	1.134E+07	50	1.064E+07
Endrin Ketone [2C]					5	1.119312E+07	10	1.105E+07	20	1.1465E+07	50	1.067E+07
Heptachlor					5	1.134334E+07	10	1.205E+07	20	1.2885E+07	50	1.2246E+07
Heptachlor [2C]					5	1.177837E+07	10	1.246E+07	20	1.322E+07	50	1.2218E+07
Heptachlor Epoxide					5	1.027797E+07	10	1.081E+07	20	1.134E+07	50	1.064E+07
Heptachlor Epoxide [2C]					5	1.073569E+07	10	1.127E+07	20	1.1755E+07	50	1.0862E+07
Hexachlorobenzene					5	9983888	10	1.043E+07	20	1.086E+07	50	1.0378E+07
Hexachlorobenzene [2C]					5	9522430	10	9402502	20	9460000	50	8734000
Methoxychlor					5	3695346	10	3976867	20	4101951	50	3886000
Methoxychlor [2C]					5	4659700	10	4465551	20	4513235	50	4182000
Toxaphene												
Toxaphene [2C]												
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												
Chlordane (4)												
Chlordane (4) [2C]												

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 13		Level 14		Level 15		Level 16		Level 17		Level 18	
		RF		RF		RF		RF		RF		RF
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl					5	9088234	10	8817023	20	8915000	50	8284000
Decachlorobiphenyl [2C]					5	8380144	10	8269896	20	8375000	50	7814000
Tetrachloro-m-xylene					5	8947244	10	9426505	20	9990000	50	9592000
Tetrachloro-m-xylene [2C]					5	1.1057E+07	10	1.071E+07	20	1.1205E+07	50	9600000

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
alpha-Chlordane	100	1.1174E+07	200	1.10845E+07								
alpha-Chlordane [2C]	100	1.1535E+07	200	1.13655E+07								
gamma-Chlordane	100	1.1426E+07	200	1.1384E+07								
gamma-Chlordane [2C]	100	1.1995E+07	200	1.1828E+07								
Alachlor	100	1262000	200	1206500								
Alachlor [2C]	100	1461000	200	1395000								
Aldrin	100	1.2222E+07	200	1.19365E+07								
Aldrin [2C]	100	1.2338E+07	200	1.19845E+07								
alpha-BHC	100	1.4537E+07	200	1.4374E+07								
alpha-BHC [2C]	100	1.3229E+07	200	1.3022E+07								
beta-BHC	100	5246000	200	5273500								
beta-BHC [2C]	100	5405000	200	5347000								
delta-BHC	100	1.35E+07	200	1.379E+07								
delta-BHC [2C]	100	1.3769E+07	200	1.3911E+07								
gamma-BHC (Lindane)	100	1.4114E+07	200	1.41635E+07								
gamma-BHC (Lindane) [2C]	100	1.3719E+07	200	1.35835E+07								
4,4'-DDD	100	9147000	200	9135500								
4,4'-DDD [2C]	100	9330000	200	9298000								
4,4'-DDE	100	1.0964E+07	200	1.08615E+07								
4,4'-DDE [2C]	100	1.1535E+07	200	1.1319E+07								
4,4'-DDT	100	8781000	200	8997500								
4,4'-DDT [2C]	100	9582000	200	9617500								
Dieldrin	100	1.1376E+07	200	1.11575E+07								
Dieldrin [2C]	100	1.1639E+07	200	1.13505E+07								
Endosulfan I	100	1.0275E+07	200	1.00405E+07								
Endosulfan I [2C]	100	1.0274E+07	200	1.00095E+07								
Endosulfan II	100	9544000	200	9397500								

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
Endosulfan II [2C]	100	9767000	200	9632000								
Endosulfan Sulfate	100	8670000	200	8586500								
Endosulfan Sulfate [2C]	100	8900000	200	8814500								
Endrin	100	1.0273E+07	200	1.0121E+07								
Endrin [2C]	100	1.0278E+07	200	1.0089E+07								
Endrin Aldehyde	100	8015001	200	7936500								
Endrin Aldehyde [2C]	100	8217000	200	8054000								
Endrin Ketone	100	1.077E+07	200	1.0577E+07								
Endrin Ketone [2C]	100	1.0781E+07	200	1.0684E+07								
Heptachlor	100	1.2539E+07	200	1.2327E+07								
Heptachlor [2C]	100	1.2518E+07	200	1.216E+07								
Heptachlor Epoxide	100	1.0778E+07	200	1.05455E+07								
Heptachlor Epoxide [2C]	100	1.1014E+07	200	1.071E+07								
Hexachlorobenzene	100	1.0742E+07	200	1.06185E+07								
Hexachlorobenzene [2C]	100	8913000	200	8682500								
Methoxychlor	100	4024000	200	4045000								
Methoxychlor [2C]	100	4306000	200	4261000								
Toxaphene												
Toxaphene [2C]												
Chlordane (1)												
Chlordane (1) [2C]												
Chlordane (2)												
Chlordane (2) [2C]												
Chlordane (3)												
Chlordane (3) [2C]												
Chlordane (4)												
Chlordane (4) [2C]												

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200011 Instrument: ECD6

Calibration Date: 2/1/2012 12:00:59AM

Compound	Level 19		Level 20		Level 21		Level 22		Level 23		Level 24	
		RF		RF		RF		RF		RF		RF
Chlordane (5)												
Chlordane (5) [2C]												
Decachlorobiphenyl	100	8505000	200	8412500								
Decachlorobiphenyl [2C]	100	8070000	200	7973000								
Tetrachloro-m-xylene	100	9912000	200	9667500								
Tetrachloro-m-xylene [2C]	100	1.036E+07	200	1.0007E+07								

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
alpha-Chlordane	1.086089E+07	3.8			15	
alpha-Chlordane [2C]	1.129676E+07	3.4			15	
gamma-Chlordane	1.106332E+07	4.4			15	
gamma-Chlordane [2C]	1.166252E+07	4.2			15	
Alachlor	1395048	11.8	0.9995694		0.99	
Alachlor [2C]	1617417	11.5	0.9994675		0.99	
Aldrin	1.162216E+07	6.0			15	
Aldrin [2C]	1.188221E+07	5.3			15	
alpha-BHC	1.368418E+07	8.9			15	
alpha-BHC [2C]	1.291196E+07	3.6			15	
beta-BHC	5169765	2.7			15	
beta-BHC [2C]	5474764	2.9			15	
delta-BHC	1.288149E+07	7.1			15	
delta-BHC [2C]	1.340495E+07	5.6			15	
gamma-BHC (Lindane)	1.322341E+07	8.1			15	
gamma-BHC (Lindane) [2C]	1.3289E+07	4.8			15	
4,4'-DDD	8590658	6.9			15	
4,4'-DDD [2C]	8871809	5.9			15	
4,4'-DDE	1.018584E+07	8.0			15	
4,4'-DDE [2C]	1.084747E+07	7.2			15	
4,4'-DDT	7782837	12.4			15	
4,4'-DDT [2C]	8868579	7.6			15	
Dieldrin	1.089257E+07	4.8			15	
Dieldrin [2C]	1.119329E+07	4.7			15	
Endosulfan I	1.020892E+07	4.5			15	
Endosulfan I [2C]	1.024441E+07	3.4			15	
Endosulfan II	9425058	2.9			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Endosulfan II [2C]	9714701	3.1			15	
Endosulfan Sulfate	8535782	3.2			15	
Endosulfan Sulfate [2C]	8887014	2.5			15	
Endrin	1.002349E+07	4.2			15	
Endrin [2C]	1.009993E+07	3.8			15	
Endrin Aldehyde	8664572	14.6			15	
Endrin Aldehyde [2C]	8237591	2.8			15	
Endrin Ketone	1.085328E+07	2.5			15	
Endrin Ketone [2C]	1.097385E+07	2.9			15	
Heptachlor	1.223172E+07	4.3			15	
Heptachlor [2C]	1.239239E+07	3.9			15	
Heptachlor Epoxide	1.073191E+07	3.3			15	
Heptachlor Epoxide [2C]	1.105778E+07	3.6			15	
Hexachlorobenzene	1.050206E+07	3.0			15	
Hexachlorobenzene [2C]	9119072	4.2			15	
Methoxychlor	3954861	3.7			15	
Methoxychlor [2C]	4397914	4.1			15	
Toxaphene	7393595	10.6			15	
Toxaphene [2C]	7831106	8.6			15	
Chlordane (1)	434462.8	3.7			15	
Chlordane (1) [2C]	419161.3	5.4			15	
Chlordane (2)	596728.4	4.3			15	
Chlordane (2) [2C]	587117.4	6.5			15	
Chlordane (3)	453614	3.7			15	
Chlordane (3) [2C]	429853.2	4.1			15	
Chlordane (4)	1469613	4.6			15	
Chlordane (4) [2C]	1118285	6.3			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200011	Instrument:	ECD6
		Calibration Date:	2/1/2012 12:00:59AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Chlordane (5)	2243793	5.2			15	
Chlordane (5) [2C]	1103002	6.4			15	
Decachlorobiphenyl	8670293	3.6			15	
Decachlorobiphenyl [2C]	8147007	2.8			15	
Tetrachloro-m-xylene	9589208	3.9			15	
Tetrachloro-m-xylene [2C]	1.048983E+07	5.9			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001304	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111217	Chlordane Standard 20 ppb	S001304-CAL1	F1014021.d	10/14/11 18:16
1111218	Chlordane Standard 50 ppb	S001304-CAL2	F1014022.d	10/14/11 18:33
1111219	Chlordane Standard 100 ppb	S001304-CAL3	F1014023.d	10/14/11 18:51
1111220	Chlordane Standard 200 ppb	S001304-CAL4	F1014024.d	10/14/11 19:09
1111221	Chlordane Standard 250 ppb	S001304-CAL5	F1014025.d	10/14/11 19:27
1111222	Chlordane Standard 500 ppb	S001304-CAL6	F1014026.d	10/14/11 19:45

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001758	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1201076	Pesticide Standard=0.2 ppb	S001758-CAL1	F0131010.d	01/31/12 14:05
1201074	Pesticide Standard=5 ppb	S001758-CAL3	F0131012.d	01/31/12 14:39
1201073	Pesticide Standard=10 ppb	S001758-CAL4	F0131013.d	01/31/12 14:56
1201072	Pesticide Standard=20 ppb	S001758-CAL5	F0131014.d	01/31/12 15:13
1201071	Pesticide Standard=50 ppb	S001758-CAL6	F0131015.d	01/31/12 15:30
1201069	Pesticide Standard CCV=100 ppb	S001758-CAL7	F0131016.d	01/31/12 15:47
1201070	Pesticide Standard=200 ppb	S001758-CAL8	F0131017.d	01/31/12 16:04
1201075	Pesticide Standard=1 ppb	S001758-CAL2	F0131019.d	01/31/12 16:38

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INITIAL CALIBRATION STANDARDS

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001759	Instrument:	ECD6
Calibration:	1200011		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1111211	Toxaphene Standard 50 ppb	S001759-CAL1	F0201010.d	02/01/12 12:56
1111212	Toxaphene Standard 100 ppb	S001759-CAL2	F0201011.d	02/01/12 13:13
1111213	Toxaphene Standard 200 ppb	S001759-CAL3	F0201012.d	02/01/12 13:30
1111214	Toxaphene Standard 250 ppb	S001759-CAL4	F0201013.d	02/01/12 13:47
1111215	Toxaphene Standard 500 ppb	S001759-CAL5	F0201014.d	02/01/12 14:04
1111216	Toxaphene Standard 750 ppb	S001759-CAL6	F0201015.d	02/01/12 14:21

Response Factor Report ECD 6

Method Path : C:\msdchem\1\methods\Pest methods\
Method File : 6PEST020112C.M
Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Last Update : Wed Feb 01 14:52:09 2012
Response Via : Initial Calibration

Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
1)	S	Tetrachloro-m...		8.947	9.427	9.989	9.591	9.589	E6	3.93
2)	T	Hexachloroben...		0.998	1.043	1.086	1.038	1.050	E7	2.97
3)	T	alpha-BHC		1.149	1.302	1.451	1.418	1.368	E7	8.89
4)	T	gamma-BHC	1.147	1.212	1.303	1.410	1.356	1.322	E7	8.10
5)	T	Beta-BHC		5.013	5.050	5.361	5.076	5.170	E6	2.75
6)	T	Delta-BHC		1.133	1.231	1.331	1.305	1.288	E7	7.07
7)	T	Heptachlor		1.134	1.205	1.288	1.225	1.223	E7	4.25
8)	T	Aldrin	1.062	1.076	1.152	1.239	1.191	1.162	E7	5.98
9)	T	Alachlor		1.607	1.530	1.481	1.284	1.395	E6	11.81
10)	T	Heptachlor Ep...		1.028	1.081	1.134	1.064	1.073	E7	3.30
11)	T	Y-Chlordane		1.020	1.081	1.143	1.112	1.106	E7	4.38
12)	T	A-Chlordane		1.016	1.067	1.129	1.080	1.086	E7	3.84
13)	T	4,4-DDE	0.903	0.917	0.998	1.082	1.048	1.019	E7	7.98
14)	T	Endo-I		0.948	1.036	1.087	1.022	1.021	E7	4.45
15)	T	Dieldrin	1.029	1.048	1.020	1.091	1.165	1.109	1.089	E7 4.83
16)	T	Endrin		0.931	0.989	1.056	0.999	1.002	E7	4.20
17)	T	4,4-DDD	7.749	7.872	8.407	9.047	8.780	8.591	E6	6.90
18)	T	Endo-II		9.021	9.457	9.856	9.275	9.425	E6	2.95
19)	T	4,4-DDT	6.568	6.656	7.310	8.074	8.091	7.783	E6	12.44
20)	T	Endrin Aldehyde		1.119	0.841	0.854	0.789	0.866	E7	14.60
21)	T	Methoxychlor		3.695	3.977	4.102	3.885	3.955	E6	3.70
22)	T	End Sulf		8.090	8.553	8.894	8.419	8.536	E6	3.15
23)	T	Endrin Ketone		1.086	1.093	1.134	1.064	1.085	E7	2.52
24)	S	Decachlorobip...		9.088	8.817	8.914	8.284	8.670	E6	3.64
25)	L8	Chlordane{1}		4.189	4.184	4.229	4.514	4.345	E5	3.71
26)	L8	Chlordane{2}		5.741	5.625	5.863	6.248	5.967	E5	4.34
27)	L8	Chlordane{3}		4.866	4.477	4.475	4.549	4.536	E5	3.73
28)	L8	Chlordane{4}		1.405	1.375	1.467	1.549	1.470	E6	4.62
29)	L8	Chlordane{5}		2.100	2.106	2.255	2.387	2.244	E6	5.21
30)	H	Toxaphene		6.907	6.779	6.841	8.337	7.393	E6	10.57

Signal #2 Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
1)	S	Tetrachloro-m...		1.106	1.071	1.120	0.960	1.049	E7	5.91
2)	T	Hexachloroben...		9.522	9.403	9.462	8.734	9.119	E6	4.23
3)	T	alpha-BHC		1.211	1.284	1.348	1.279	1.291	E7	3.61
4)	T	gamma-BHC	1.228	1.259	1.340	1.412	1.333	1.329	E7	4.84
5)	T	Beta-BHC		5.526	5.594	5.693	5.282	5.474	E6	2.86
6)	T	Delta-BHC		1.209	1.314	1.417	1.336	1.341	E7	5.56
7)	T	Heptachlor		1.178	1.246	1.322	1.222	1.239	E7	3.90
8)	T	Aldrin	1.096	1.114	1.197	1.275	1.204	1.188	E7	5.34
9)	T	Alachlor		1.820	1.783	1.749	1.497	1.617	E6	11.53
10)	T	Heptachlor Ep...		1.074	1.127	1.176	1.086	1.106	E7	3.61
11)	T	Y-Chlordane		1.079	1.157	1.219	1.159	1.166	E7	4.18
12)	T	A-Chlordane		1.067	1.122	1.181	1.118	1.130	E7	3.40
13)	T	4,4-DDE	0.969	0.989	1.075	1.158	1.117	1.085	E7	7.15
14)	T	Endo-I		0.985	1.036	1.084	1.013	1.024	E7	3.38
15)	T	Dieldrin	1.089	1.063	1.040	1.125	1.198	1.140	1.119	E7 4.67
16)	T	Endrin		0.948	1.005	1.065	1.005	1.010	E7	3.76
17)	T	4,4-DDD	8.181	8.165	8.727	9.375	9.025	8.872	E6	5.94
18)	T	Endo-II		0.932	0.975	1.023	0.959	0.971	E7	3.08
19)	T	4,4-DDT	8.147	7.956	8.481	9.236	9.061	8.869	E6	7.63
20)	T	Endrin Aldehyde		8.126	8.337	8.645	8.047	8.238	E6	2.76
21)	T	Methoxychlor		4.660	4.466	4.513	4.182	4.398	E6	4.07
22)	T	End Sulf		8.694	8.913	9.303	8.696	8.887	E6	2.53
23)	T	Endrin Ketone		1.119	1.105	1.147	1.067	1.097	E7	2.91

Response Factor Report ECD 6

Method Path : C:\msdchem\1\methods\Pest methods\
Method File : 6PEST020112C.M
Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Last Update : Wed Feb 01 14:52:09 2012
Response Via : Initial Calibration

Calibration Files
=CPB005P.D 0.2 =F0201010.d 1 =F0201010.d
5 =F0201010.d 10 =F0201011.d 20 =F0201012.d

		Compound	0.2	1	5	10	20	Avg		%RSD
24)	S	Decachlorobip...		8.380	8.270	8.373	7.814	8.147	E6	2.84
25)	L8	Chlordane{1}		4.019	3.884	4.089	4.421	4.192	E5	5.37
26)	L8	Chlordane{2}		5.477	5.379	5.795	6.290	5.871	E5	6.50
27)	L8	Chlordane{3}		4.592	4.166	4.221	4.432	4.298	E5	4.11
28)	L8	Chlordane{4}		1.059	1.015	1.115	1.199	1.118	E6	6.26
29)	L8	Chlordane{5}		1.033	1.004	1.105	1.185	1.103	E6	6.42
30)	H	Toxaphene		7.674	7.396	7.297	8.518	7.831	E6	8.60

(#) = Out of Range ### Number of calibration levels exceeded format ###

DATA ANALYSIS PARAMETERS

Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M

Percent Report Settings

Sort By: Signal

Output Destination
    Screen: No
    Printer: Yes
    File: No

Integration Events: AutoIntegrate

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Quantitative Report Settings

Report Type: Summary

Output Destination
    Screen: Yes
    Printer: No
    File: No

Generate Report During Run Method: No

PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
Calibration Last Updated: Wed Feb 01 14:52:09 2012

Reference Window: 0.20 Minutes
Non-Reference Window: 0.14 Minutes
Correlation Window: 0.02 minutes
Default Multiplier: 1.00
Default Sample Concentration: 0.00

Compound Information

1) Tetrachloro-m-xylene ( )
Ret. Time 4.889 min., Extract & Integrate from 4.859 to 4.919 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	44736221
10		10.000	94265045
20		20.000	199780347
50		50.000	479552367
100		100.000	991209254
200		200.000	1933479449

Curve Fit: Avg. RF

---

2) Hexachlorobenzene ( )
Ret. Time 5.096 min., Extract & Integrate from 5.066 to 5.126 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	49919444
10		10.000	104326963
20		20.000	217194457
50		50.000	518852205
100		100.000	1074189102
200		200.000	2123747832

Curve Fit: Avg. RF

---

3) alpha-BHC ( )
Ret. Time 5.188 min., Extract & Integrate from 5.158 to 5.218 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	57430349
10		10.000	130159269
20		20.000	290185543
50		50.000	708891161
100		100.000	1453680923
200		200.000	2874818103

Curve Fit: Avg. RF

---

4) gamma-BHC ( )
Ret. Time 5.360 min., Extract & Integrate from 5.330 to 5.390 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	11473873
5		5.000	60602583
10		10.000	130251070
20		20.000	282010609
50		50.000	678146470
100		100.000	1411424202
200		200.000	2832698821

Curve Fit: Avg. RF

---

5) Beta-BHC ( )
Ret. Time 5.412 min., Extract & Integrate from 5.382 to 5.442 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	25064175
10		10.000	50502521
20		20.000	107225165
50		50.000	253793459
100		100.000	524571792
200		200.000	1054741085

Curve Fit: Avg. RF

---

6) Delta-BHC ( )
Ret. Time 5.510 min., Extract & Integrate from 5.480 to 5.540 min.

Lvl	ID	Conc (ug/L)	Response

0.2	not used for this compound	
1	not used for this compound	
5	5.000	56664840
10	10.000	123052329
20	20.000	266201879
50	50.000	652317294
100	100.000	1349989989
200	200.000	2758006294

Curve Fit: Avg. RF

---

7) Heptachlor ( )

Ret. Time 5.628 min., Extract & Integrate from 5.598 to 5.658 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	56716715
10	10.000	120515109
20	20.000	257661707
50	50.000	612260965
100	100.000	1253898221
200	200.000	2465358928

Curve Fit: Avg. RF

---

8) Aldrin ( )

Ret. Time 5.802 min., Extract & Integrate from 5.772 to 5.832 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	1.000	10615849
5	5.000	53783939
10	10.000	115188839
20	20.000	247760803
50	50.000	595701379
100	100.000	1222166684
200	200.000	2387348632

Curve Fit: Avg. RF

---

9) Alachlor ( )

Ret. Time 5.901 min., Extract & Integrate from 5.871 to 5.931 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	8033678
10	10.000	15296008
20	20.000	29628784
50	50.000	64200729
100	100.000	126226359
200	200.000	241349227

Curve Fit: Linear

---

10) Heptachlor Epoxide ( )

Ret. Time 6.178 min., Extract & Integrate from 6.148 to 6.208 min.

Lvl ID	Conc (ug/L)	Response
0.2	not used for this compound	
1	not used for this compound	
5	5.000	51389830
10	10.000	108074195
20	20.000	226789776
50	50.000	531991666

100	100.000	1077772393
200	200.000	2109130633

Curve Fit: Avg. RF

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11) Y-Chlordane ( )
Ret. Time 6.258 min., Extract & Integrate from 6.228 to 6.288 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	51024665
10		10.000	108118353
20		20.000	228673827
50		50.000	556019513
100		100.000	1142567934
200		200.000	2276813943

Curve Fit: Avg. RF

---

12) A-Chlordane ( )
Ret. Time 6.344 min., Extract & Integrate from 6.314 to 6.374 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	50779258
10		10.000	106668775
20		20.000	225718865
50		50.000	539754945
100		100.000	1117402728
200		200.000	2216940686

Curve Fit: Avg. RF

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13) 4,4-DDE ( )
Ret. Time 6.407 min., Extract & Integrate from 6.377 to 6.437 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	9029967
5		5.000	45826872
10		10.000	99820480
20		20.000	216377285
50		50.000	523896427
100		100.000	1096407182
200		200.000	2172323673

Curve Fit: Avg. RF

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14) Endo-I ( )
Ret. Time 6.430 min., Extract & Integrate from 6.400 to 6.460 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47395216
10		10.000	103613009
20		20.000	217487370
50		50.000	511156019
100		100.000	1027474325
200		200.000	2008138244

Curve Fit: Avg. RF

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15) Dieldrin ( )
Ret. Time 6.590 min., Extract & Integrate from 6.560 to 6.620 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	2057258
1		1.000	10477823
5		5.000	50989821
10		10.000	109135008
20		20.000	232942762
50		50.000	554508266
100		100.000	1137648821
200		200.000	2231530242

Curve Fit: Avg. RF

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16) Endrin ( )
Ret. Time 6.747 min., Extract & Integrate from 6.727 to 6.767 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	46536395
10		10.000	98906425
20		20.000	211120241
50		50.000	499701781
100		100.000	1027257989
200		200.000	2024215713

Curve Fit: Avg. RF

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17) 4,4-DDD ( )
Ret. Time 6.814 min., Extract & Integrate from 6.794 to 6.834 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	7748516
5		5.000	39358812
10		10.000	84068258
20		20.000	180948022
50		50.000	439022465
100		100.000	914674330
200		200.000	1827104264

Curve Fit: Avg. RF

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18) Endo-II ( )
Ret. Time 6.903 min., Extract & Integrate from 6.873 to 6.933 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	45103665
10		10.000	94571133
20		20.000	197124928
50		50.000	463771203
100		100.000	954373981
200		200.000	1879545801

Curve Fit: Avg. RF

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19) 4,4-DDT ( )
Ret. Time 7.011 min., Extract & Integrate from 6.981 to 7.041 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	

1	1.000	6568086
5	5.000	33281246
10	10.000	73100243
20	20.000	161473245
50	50.000	404570502
100	100.000	878149762
200	200.000	1799513263

Curve Fit: Avg. RF

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20) Endrin Aldehyde ( )
Ret. Time 7.204 min., Extract & Integrate from 7.174 to 7.234 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	55945934
10		10.000	84137442
20		20.000	170873741
50		50.000	394407477
100		100.000	801492515
200		200.000	1587291935

Curve Fit: Avg. RF

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21) Methoxychlor ( )
Ret. Time 7.383 min., Extract & Integrate from 7.353 to 7.413 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	18476732
10		10.000	39768674
20		20.000	82039025
50		50.000	194269418
100		100.000	402406599
200		200.000	808998627

Curve Fit: Avg. RF

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22) End Sulf ( )
Ret. Time 7.525 min., Extract & Integrate from 7.495 to 7.555 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	40451993
10		10.000	85527951
20		20.000	177883293
50		50.000	420962812
100		100.000	867039931
200		200.000	1717266303

Curve Fit: Avg. RF

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23) Endrin Ketone ( )
Ret. Time 7.730 min., Extract & Integrate from 7.700 to 7.760 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	54313299
10		10.000	109264510
20		20.000	226845044
50		50.000	531999927
100		100.000	1076963958

200 200.000 2115434174

Curve Fit: Avg. RF

24) Decachlorobiphenyl ( )
Ret. Time 8.448 min., Extract & Integrate from 8.418 to 8.478 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	45441167
10		10.000	88170231
20		20.000	178274843
50		50.000	414204851
100		100.000	850483349
200		200.000	1682514589

Curve Fit: Avg. RF

25) Chlordane{1} ( )
Ret. Time 5.582 min., Extract & Integrate from 5.552 to 5.612 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	8377720
10		50.000	20919946
20		100.000	42293063
50		200.000	90272232
100		250.000	110920062
200		500.000	225839812

Curve Fit: Avg. RF

26) Chlordane{2} ( )
Ret. Time 5.628 min., Extract & Integrate from 5.598 to 5.658 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	11482542
10		50.000	28126598
20		100.000	58631110
50		200.000	124952613
100		250.000	153324649
200		500.000	309557427

Curve Fit: Avg. RF

27) Chlordane{3} ( )
Ret. Time 5.890 min., Extract & Integrate from 5.860 to 5.920 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	9732732
10		50.000	22382635
20		100.000	44745652
50		200.000	90987667
100		250.000	111528059
200		500.000	219539165

Curve Fit: Avg. RF

28) Chlordane{4} ( )
Ret. Time 6.259 min., Extract & Integrate from 6.229 to 6.289 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	28091006
10		50.000	68731277
20		100.000	146719823
50		200.000	309889493
100		250.000	377586749
200		500.000	755779680

Curve Fit: Avg. RF

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29) Chlordane{5} ( )
Ret. Time 6.341 min., Extract & Integrate from 6.311 to 6.371 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	42005175
10		50.000	105306655
20		100.000	225542573
50		200.000	477477057
100		250.000	578071494
200		500.000	1150790704

Curve Fit: Avg. RF

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30) Toxaphene ( )
Ret. Time 7.050 min., Extract & Integrate from 5.850 to 8.250 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		50.000	345353477
10		100.000	677855132
20		200.000	1368119735
50		250.000	2084332320
100		500.000	4225861673
200		750.000	5283804306

Curve Fit: Avg. RF

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31) Column #2 ( )
Ret. Time 19.931 min., Extract & Integrate from 19.901 to 19.961 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	-1
1		1.000	-1
5		5.000	-1
10		10.000	-1
20		20.000	-1
50		50.000	-1
100		100.000	-1
200		200.000	-1

Curve Fit: Avg. RF

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32) Tetrachloro-m-xylene #2 ( )
Ret. Time 5.067 min., Extract & Integrate from 5.037 to 5.097 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	

5	5.000	55284988
10	10.000	107064747
20	20.000	224096269
50	50.000	479977949
100	100.000	1035974152
200	200.000	2001446459

Curve Fit: Avg. RF

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33) Hexachlorobenzene #2 ( )
Ret. Time 5.339 min., Extract & Integrate from 5.309 to 5.369 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47612151
10		10.000	94025023
20		20.000	189243623
50		50.000	436692618
100		100.000	891290092
200		200.000	1736470872

Curve Fit: Avg. RF

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34) alpha-BHC #2 ( )
Ret. Time 5.423 min., Extract & Integrate from 5.393 to 5.453 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	60568676
10		10.000	128386996
20		20.000	269531041
50		50.000	639633341
100		100.000	1322918031
200		200.000	2604360341

Curve Fit: Avg. RF

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35) gamma-BHC #2 ( )
Ret. Time 5.639 min., Extract & Integrate from 5.609 to 5.669 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	12283453
5		5.000	62925256
10		10.000	134010695
20		20.000	282368631
50		50.000	666628766
100		100.000	1371885657
200		200.000	2716746593

Curve Fit: Avg. RF

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36) Beta-BHC #2 ( )
Ret. Time 5.692 min., Extract & Integrate from 5.662 to 5.722 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	27630137
10		10.000	55935550
20		20.000	113852154
50		50.000	264085824
100		100.000	540520647
200		200.000	1069434465

Curve Fit: Avg. RF

37) Delta-BHC #2 ( )
Ret. Time 5.877 min., Extract & Integrate from 5.847 to 5.907 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	60443444
10		10.000	131384248
20		20.000	283333732
50		50.000	667808185
100		100.000	1376923470
200		200.000	2782162961

Curve Fit: Avg. RF

38) Heptachlor #2 ( )
Ret. Time 5.917 min., Extract & Integrate from 5.887 to 5.947 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	58891832
10		10.000	124592915
20		20.000	264430660
50		50.000	610878419
100		100.000	1251793052
200		200.000	2431990932

Curve Fit: Avg. RF

39) Aldrin #2 ( )
Ret. Time 6.129 min., Extract & Integrate from 6.099 to 6.159 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	10955321
5		5.000	55698320
10		10.000	119719408
20		20.000	254988388
50		50.000	601935542
100		100.000	1233758985
200		200.000	2396913647

Curve Fit: Avg. RF

40) Alachlor #2 ( )
Ret. Time 6.064 min., Extract & Integrate from 6.034 to 6.094 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	9098365
10		10.000	17825191
20		20.000	34981991
50		50.000	74860481
100		100.000	146118915
200		200.000	278955718

Curve Fit: Linear

41) Heptachlor Epoxide #2 ( )

Ret. Time 6.520 min., Extract & Integrate from 6.490 to 6.550 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53678472
10		10.000	112729827
20		20.000	235106430
50		50.000	543075730
100		100.000	1101416374
200		200.000	2142045962

Curve Fit: Avg. RF

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42) Y-Chlordane #2 ( )

Ret. Time 6.654 min., Extract & Integrate from 6.624 to 6.684 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53965675
10		10.000	115680234
20		20.000	243864451
50		50.000	579662933
100		100.000	1199514509
200		200.000	2365584231

Curve Fit: Avg. RF

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43) A-Chlordane #2 ( )

Ret. Time 6.759 min., Extract & Integrate from 6.729 to 6.789 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	53340341
10		10.000	112194952
20		20.000	236174311
50		50.000	559146893
100		100.000	1153483686
200		200.000	2273132870

Curve Fit: Avg. RF

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44) 4,4-DDE #2 ( )

Ret. Time 6.890 min., Extract & Integrate from 6.860 to 6.920 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	9689221
5		5.000	49430348
10		10.000	107452401
20		20.000	231650238
50		50.000	558358637
100		100.000	1153488475
200		200.000	2263772666

Curve Fit: Avg. RF

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45) Endo-I #2 ( )

Ret. Time 6.798 min., Extract & Integrate from 6.768 to 6.828 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	49239699

10	10.000	103580032
20	20.000	216886025
50	50.000	506508322
100	100.000	1027388395
200	200.000	2001946588

Curve Fit: Avg. RF

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46) Dieldrin #2 ( )
Ret. Time 6.998 min., Extract & Integrate from 6.968 to 7.028 min.

Lvl	ID	Conc (ug/L)	Response
0.2		0.200	2178710
1		1.000	10633578
5		5.000	52018379
10		10.000	112460119
20		20.000	239644067
50		50.000	569789877
100		100.000	1163923615
200		200.000	2270092439

Curve Fit: Avg. RF

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47) Endrin #2 ( )
Ret. Time 7.223 min., Extract & Integrate from 7.193 to 7.253 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	47403037
10		10.000	100525471
20		20.000	212962987
50		50.000	502585834
100		100.000	1027828296
200		200.000	2017764012

Curve Fit: Avg. RF

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48) 4,4-DDD #2 ( )
Ret. Time 7.322 min., Extract & Integrate from 7.292 to 7.352 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	8181296
5		5.000	40824447
10		10.000	87274790
20		20.000	187507905
50		50.000	451264945
100		100.000	932968036
200		200.000	1859590324

Curve Fit: Avg. RF

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49) Endo-II #2 ( )
Ret. Time 7.384 min., Extract & Integrate from 7.354 to 7.414 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	46607110
10		10.000	97517816
20		20.000	204619804
50		50.000	479324139
100		100.000	976693308
200		200.000	1926418461

Curve Fit: Avg. RF

50) 4,4-DDT #2 ( )
Ret. Time 7.563 min., Extract & Integrate from 7.533 to 7.593 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		1.000	8147067
5		5.000	39779632
10		10.000	84805558
20		20.000	184727469
50		50.000	453050863
100		100.000	958197748
200		200.000	1923538889

Curve Fit: Avg. RF

51) Endrin Aldehyde #2 ( )
Ret. Time 7.646 min., Extract & Integrate from 7.616 to 7.676 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	40631095
10		10.000	83373241
20		20.000	172898635
50		50.000	402345613
100		100.000	821702980
200		200.000	1610772759

Curve Fit: Avg. RF

52) Methoxychlor #2 ( )
Ret. Time 8.099 min., Extract & Integrate from 8.069 to 8.129 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	23298500
10		10.000	44655509
20		20.000	90264688
50		50.000	209088925
100		100.000	430624287
200		200.000	852150050

Curve Fit: Avg. RF

53) End Sulf #2 ( )
Ret. Time 7.863 min., Extract & Integrate from 7.833 to 7.893 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	43468973
10		10.000	89127892
20		20.000	186063374
50		50.000	434802938
100		100.000	889962671
200		200.000	1762897804

Curve Fit: Avg. RF

54) Endrin Ketone #2 ( )
Ret. Time 8.241 min., Extract & Integrate from 8.211 to 8.271 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	55965586
10		10.000	110504162
20		20.000	229337932
50		50.000	533519239
100		100.000	1078133736
200		200.000	2136835691

Curve Fit: Avg. RF

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55) Decachlorobiphenyl #2 ( )
Ret. Time 8.977 min., Extract & Integrate from 8.947 to 9.007 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		5.000	41900715
10		10.000	82698958
20		20.000	167465453
50		50.000	390679092
100		100.000	806990446
200		200.000	1594602336

Curve Fit: Avg. RF

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56) Chlordane{1} #2 ( )
Ret. Time 5.825 min., Extract & Integrate from 5.795 to 5.854 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	8038939
10		50.000	19420981
20		100.000	40894539
50		200.000	88411164
100		250.000	108106288
200		500.000	220573525

Curve Fit: Avg. RF

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57) Chlordane{2} #2 ( )
Ret. Time 5.918 min., Extract & Integrate from 5.888 to 5.948 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	10953632
10		50.000	26895851
20		100.000	57950601
50		200.000	125803247
100		250.000	152451565
200		500.000	309255326

Curve Fit: Avg. RF

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58) Chlordane{3} #2 ( )
Ret. Time 6.232 min., Extract & Integrate from 6.202 to 6.262 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	9184947
10		50.000	20828397

20	100.000	42207899
50	200.000	88644997
100	250.000	105874411
200	500.000	207163459

Curve Fit: Avg. RF

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59) Chlordane{4} #2 ( )
Ret. Time 6.724 min., Extract & Integrate from 6.694 to 6.754 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	21182018
10		50.000	50740550
20		100.000	111545865
50		200.000	239804954
100		250.000	288031203
200		500.000	584945203

Curve Fit: Avg. RF

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60) Chlordane{5} #2 ( )
Ret. Time 6.761 min., Extract & Integrate from 6.731 to 6.791 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		20.000	20652407
10		50.000	50219552
20		100.000	110492620
50		200.000	236974955
100		250.000	284673023
200		500.000	576122002

Curve Fit: Avg. RF

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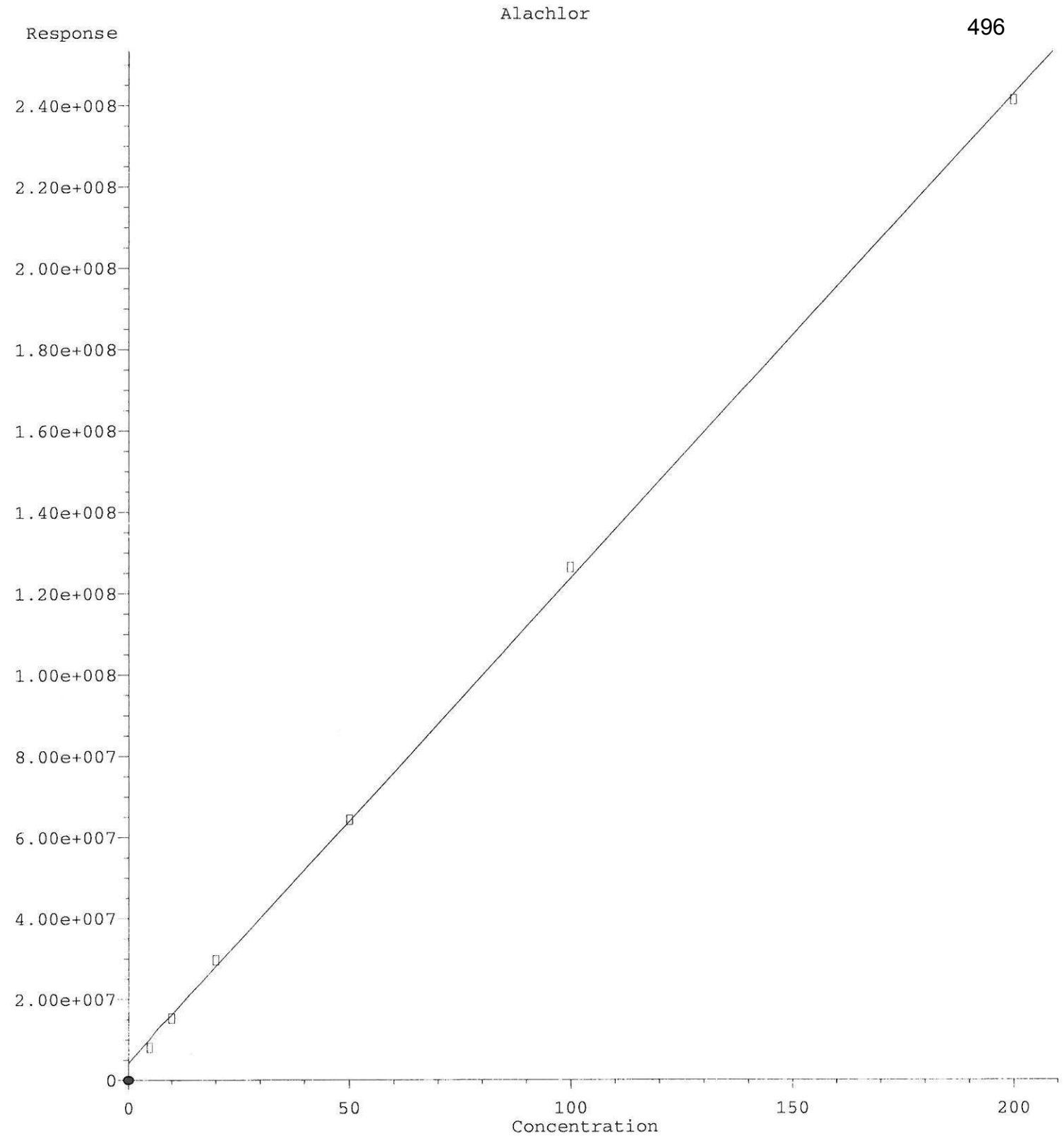
61) Toxaphene #2 ( )
Ret. Time 7.500 min., Extract & Integrate from 6.300 to 8.700 min.

Lvl	ID	Conc (ug/L)	Response
0.2		not used for this compound	
1		not used for this compound	
5		50.000	383690751
10		100.000	739555682
20		200.000	1459345645
50		250.000	2129556573
100		500.000	4412412515
200		750.000	5457722062

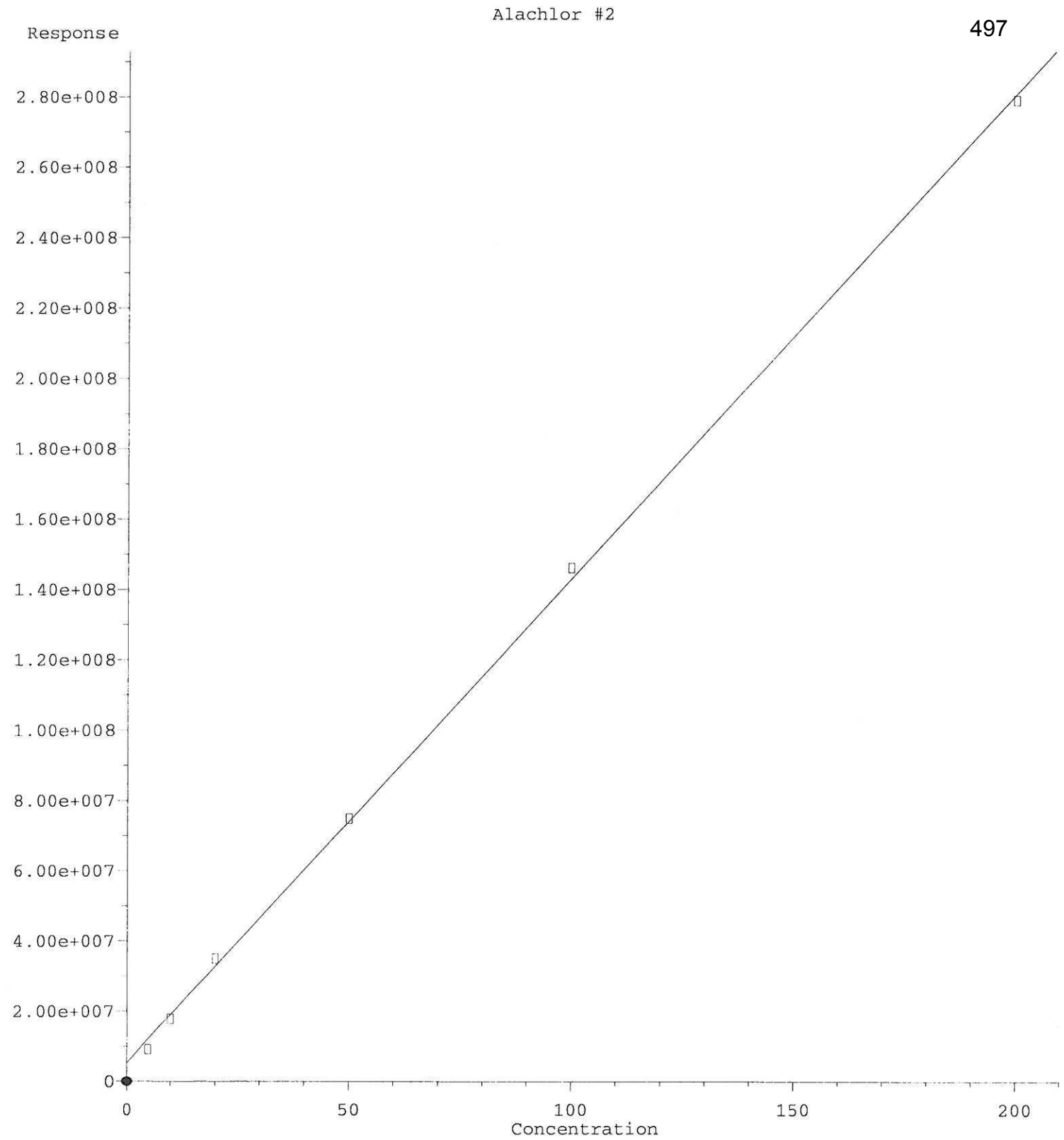
Curve Fit: Avg. RF

END OF DATA ANALYSIS PARAMETERS

Wed Feb 08 17:17:49 2012



Response = 1.19e+006 * Amt + 4.24e+006
Coef of Det (r^2) = 1.000 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Calibration Table Last Updated: Wed Feb 01 14:52:09 2012



Response = 1.38e+006 * Amt + 5.24e+006
Coef of Det (r^2) = 0.999 Curve Fit: Linear
Method Name: C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Calibration Table Last Updated: Wed Feb 01 14:52:09 2012

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:05 pm
Operator : JMB
Sample : S001758-CAL1 Inst : ECD 6
Misc : PEST 0.2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Fri Jan 27 17:54:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.895	5.072	2046173	2741107	NoCal	NoCal
	Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
24) S	Decachlor...	8.457	8.976	5028115	4523881	NoCal	NoCal
	Spiked Amount	200.000 Range	60 - 300	Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	5.103	5.345	2041127	2427091	NoCal	NoCal
3) T	alpha-BHC	5.194	5.429	2010775	2248381	NoCal	NoCal
4) T	gamma-BHC	5.368	5.645	2009632	2171417	NoCal	NoCal
5) T	Beta-BHC	5.420	5.699	1137214	1137519	NoCal	NoCal
6) T	Delta-BHC	5.518	5.883	1760743	1988624	NoCal	NoCal
7) T	Heptachlor	5.635	5.924	2207182	2234434	NoCal	NoCal
8) T	Aldrin	5.810	6.136	2034700	1996167	NoCal	NoCal
9) T	Alachlor	0.000	0.000	0	0	N.D.	N.D.
10) T	Heptachlo...	6.187	6.529	2117218	2123852	NoCal	NoCal
11) T	Y-Chlordane	6.267	6.663	2530182	2120799	NoCal	NoCal
12) T	A-Chlordane	6.354	6.768	2085383	2125024	NoCal	NoCal
13) T	4,4-DDE	6.418	6.897	1711255	1853269	NoCal	NoCal
14) T	Endo-I	6.439	6.807	2168410	2542320	NoCal	NoCal
15) T	Dieldrin	6.600	7.006	2057258	2178710	NoCal	NoCal
16) T	Endrin	6.756	7.231	1837426	1853688	NoCal	NoCal
17) T	4,4-DDD	6.824	7.331	1762250	1626085	NoCal	NoCal
18) T	Endo-II	6.913	7.394	1889902	1868517	NoCal	NoCal
19) T	4,4-DDT	7.022	7.572	1422746	1892083	NoCal	NoCal
20) T	Endrin Al...	7.218	7.655	3823662	1727818	NoCal	NoCal
21) T	Methoxychlor	7.424f	8.107	8827804	1024417	NoCal	NoCal
22) T	End Sulf	7.536	7.872	1898638	2023577	NoCal	NoCal
23) T	Endrin Ke...	7.741	8.249	2256106	2098904	NoCal	NoCal
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D.	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

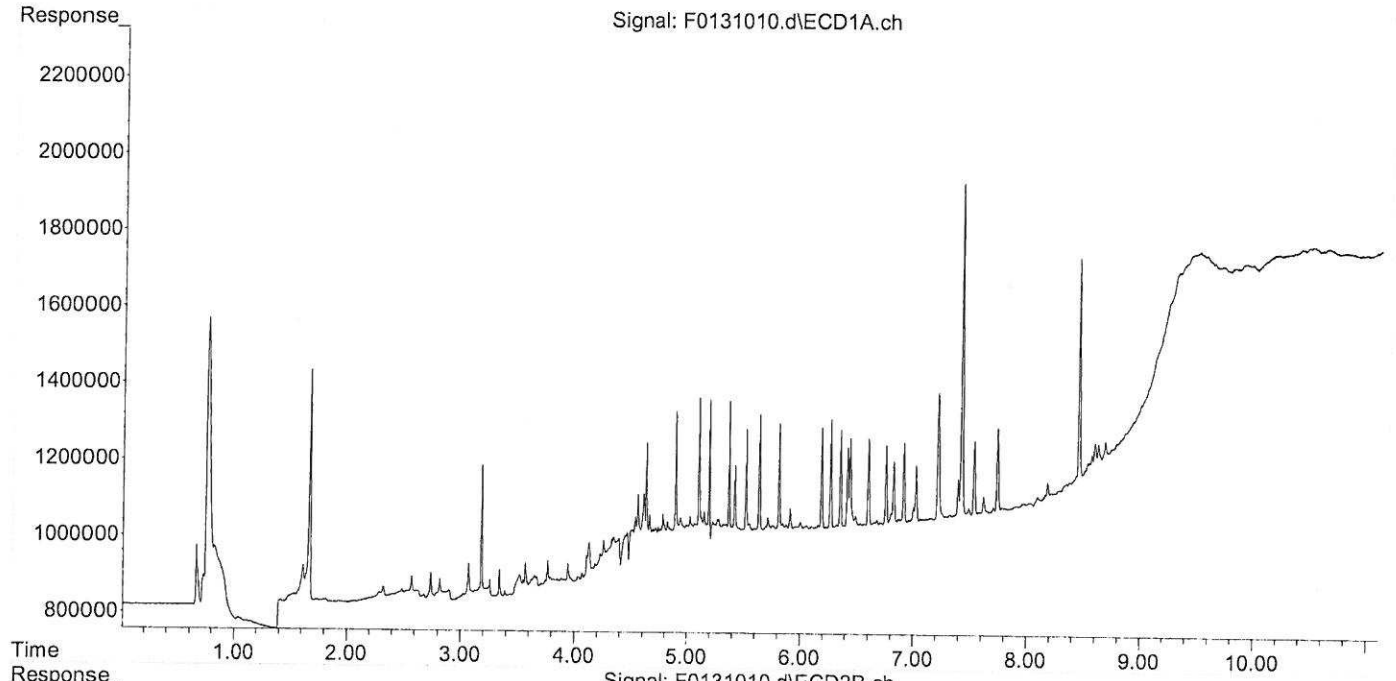
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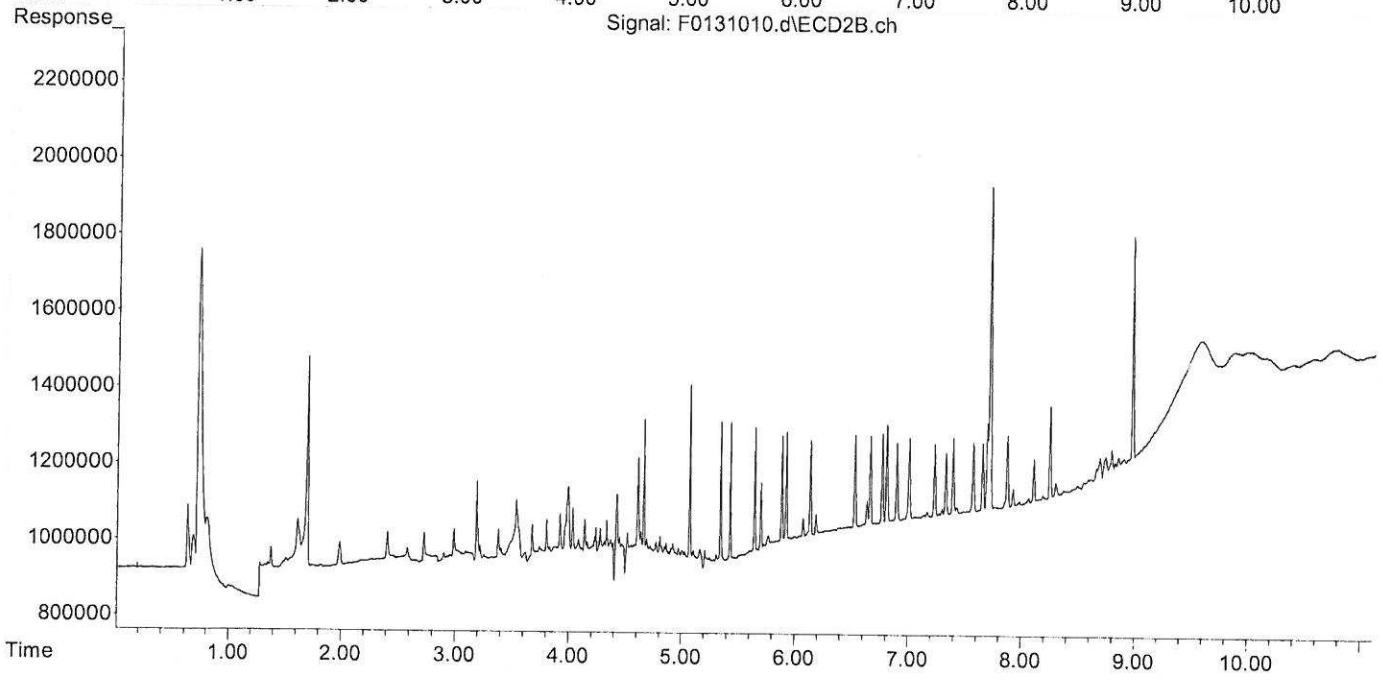
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:05 pm
Operator : JMB
Sample : S001758-CAL1 Inst : ECD 6
Misc : PEST 0.2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Fri Jan 27 17:54:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:39 pm
Operator : JMB
Sample : S001758-CAL3 Inst : ECD 6
Misc : PEST 5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:24 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.900	5.077	44736221	55284988	NoCal	NoCal
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#
24) S	Decachlor...	8.460	8.980	45441167	41900715	NoCal	NoCal
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	5.107	5.350	49919444	47612151	NoCal	NoCal
3) T	alpha-BHC	5.199	5.434	57430349	60568676	NoCal	NoCal
4) T	gamma-BHC	5.372	5.650	60602583	62925256	5.282	5.123
5) T	Beta-BHC	5.424	5.704	25064175	27630137	NoCal	NoCal
6) T	Delta-BHC	5.522	5.889	56664840	60443444	NoCal	NoCal
7) T	Heptachlor	5.640	5.929	56716715	58891832	NoCal	NoCal
8) T	Aldrin	5.816	6.141	53783939	55698320	5.066	5.084
9) T	Alachlor	5.914	6.077	8033677	9098365	NoCal	NoCal
10) T	Heptachlo...	6.191	6.534	51389830	53678472	NoCal	NoCal
11) T	Y-Chlordane	6.272	6.668	51024665	53965675	NoCal	NoCal
12) T	A-Chlordane	6.358	6.774	50779258	53340341	NoCal	NoCal
13) T	4,4-DDE	6.421	6.903	45826872	49430348	5.075	5.102
14) T	Endo-I	6.444	6.812	47395216	49239699	NoCal	NoCal
15) T	Dieldrin	6.604	7.013	50989821	52018379	4.911	4.833
16) T	Endrin	6.761	7.238	46536395	47403037	NoCal	NoCal
17) T	4,4-DDD	6.829	7.337	39358812	40824447	5.080	4.990
18) T	Endo-II	6.918	7.399	45103665	46607110	NoCal	NoCal
19) T	4,4-DDT	7.026	7.578	33281246	39779632	5.067	4.883
20) T	Endrin Al...	7.221	7.661	55945934	40631095	NoCal	NoCal
21) T	Methoxychlor	7.398	8.111	18476732	23298500	NoCal	NoCal
22) T	End Sulf	7.540	7.877	40451993	43468973	NoCal	NoCal
23) T	Endrin Ke...	7.745	8.253	54313299	55965586	NoCal	NoCal
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

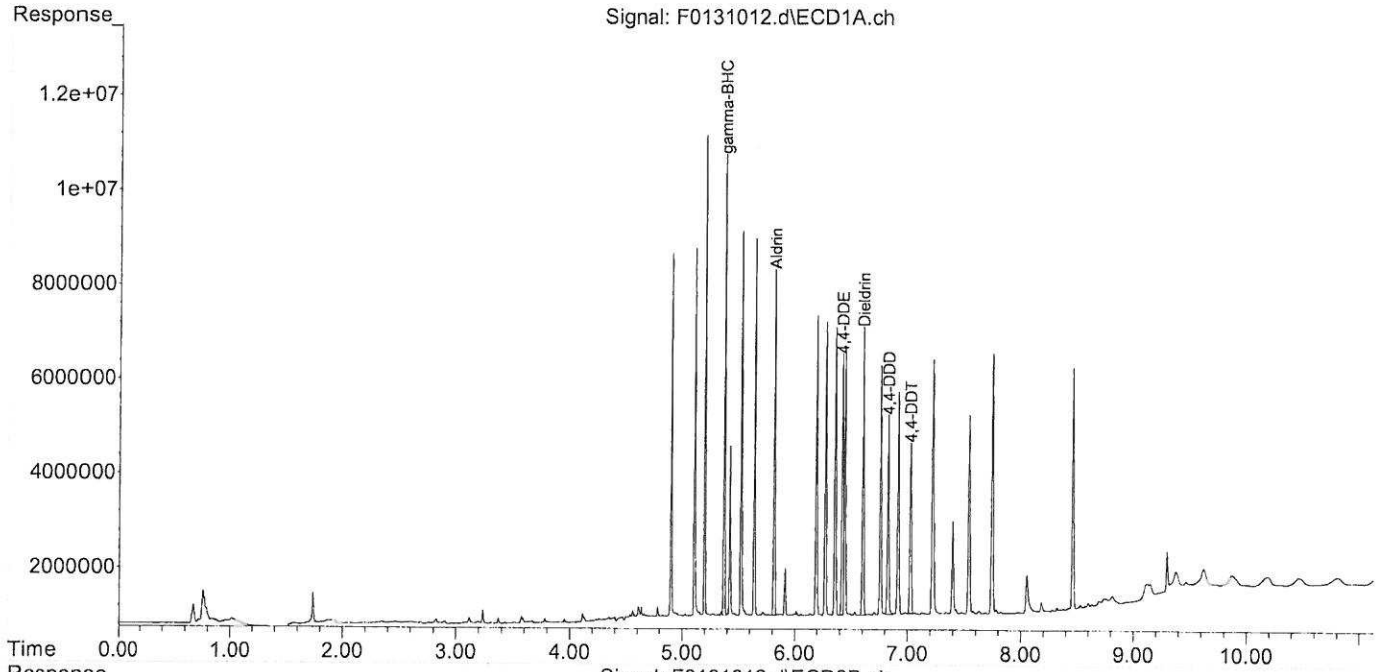
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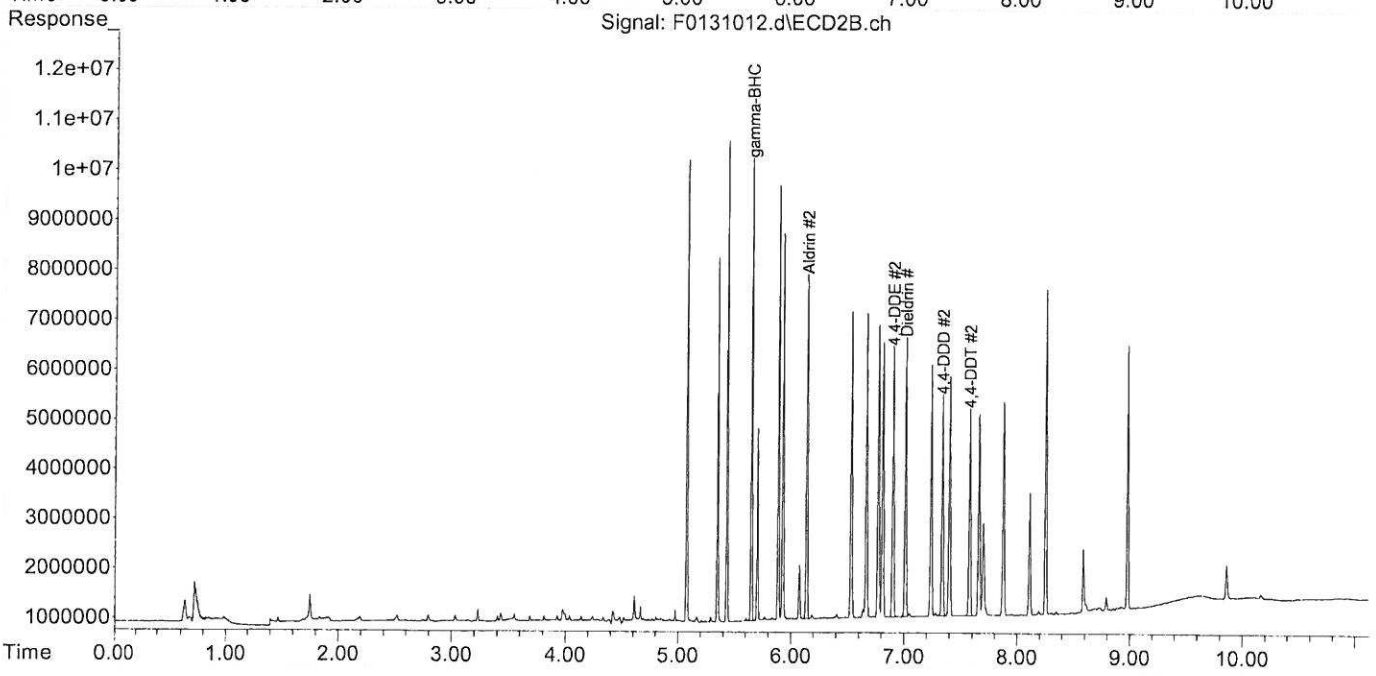
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:39 pm
Operator : JMB
Sample : S001758-CAL3 Inst : ECD 6
Misc : PEST 5
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:24 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:56 pm
Operator : JMB
Sample : S001758-CAL4 Inst : ECD 6
Misc : PEST 10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	4.900	5.077	94265045	107.1E6	10.536	9.683
Spiked Amount 200.000	Range	60 - 300	Recovery =		5.27%#	4.84%#
24) S Decachlor...	8.459	8.979	88170231	82698958	9.702	9.868
Spiked Amount 200.000	Range	60 - 300	Recovery =		4.85%#	4.93%#
Target Compounds						
2) T Hexachlor...	5.107	5.350	104.3E6	94025023	10.450	9.874
3) T alpha-BHC	5.199	5.434	130.2E6	128.4E6	11.332	10.598
4) T gamma-BHC	5.372	5.650	130.3E6	134.0E6	11.041	10.778
5) T Beta-BHC	5.424	5.703	50502521	55935550	10.075	10.122
6) T Delta-BHC	5.523	5.889	123.1E6	131.4E6	10.858	10.868
7) T Heptachlor	5.640	5.929	120.5E6	124.6E6	10.624	10.578
8) T Aldrin	5.816	6.141	115.2E6	119.7E6	10.779	10.837
9) T Alachlor	5.915	6.076	15296008	17825191	9.520	9.796
10) T Heptachlo...	6.191	6.533	108.1E6	112.7E6	10.515	10.500
11) T Y-Chlordane	6.272	6.668	108.1E6	115.7E6	10.595	10.718
12) T A-Chlordane	6.358	6.773	106.7E6	112.2E6	10.503	10.517
13) T 4,4-DDE	6.421	6.902	99820480	107.5E6	10.972	10.978
14) T Endo-I	6.444	6.811	103.6E6	103.6E6	10.931	10.518
15) T Dieldrin	6.605	7.011	109.1E6	112.5E6	10.574	10.566
16) T Endrin	6.762	7.236	98906425	100.5E6	10.627	10.603
17) T 4,4-DDD	6.828	7.335	84068258	87274790	10.764	10.678
18) T Endo-II	6.918	7.398	94571133	97517816	10.484	10.462
19) T 4,4-DDT	7.026	7.576	73100243	84805558	11.055	10.533
20) T Endrin Al...	7.219	7.659	84137442	83373241	7.520	10.260 #
21) T Methoxychlor	7.397	8.110	39768674	44655509	10.762	9.583
22) T End Sulf	7.539	7.876	85527951	89127892	10.572	10.252
23) T Endrin Ke...	7.745	8.252	109.3E6	110.5E6	10.059	9.873
25) L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane					0.000	0.000
30) H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

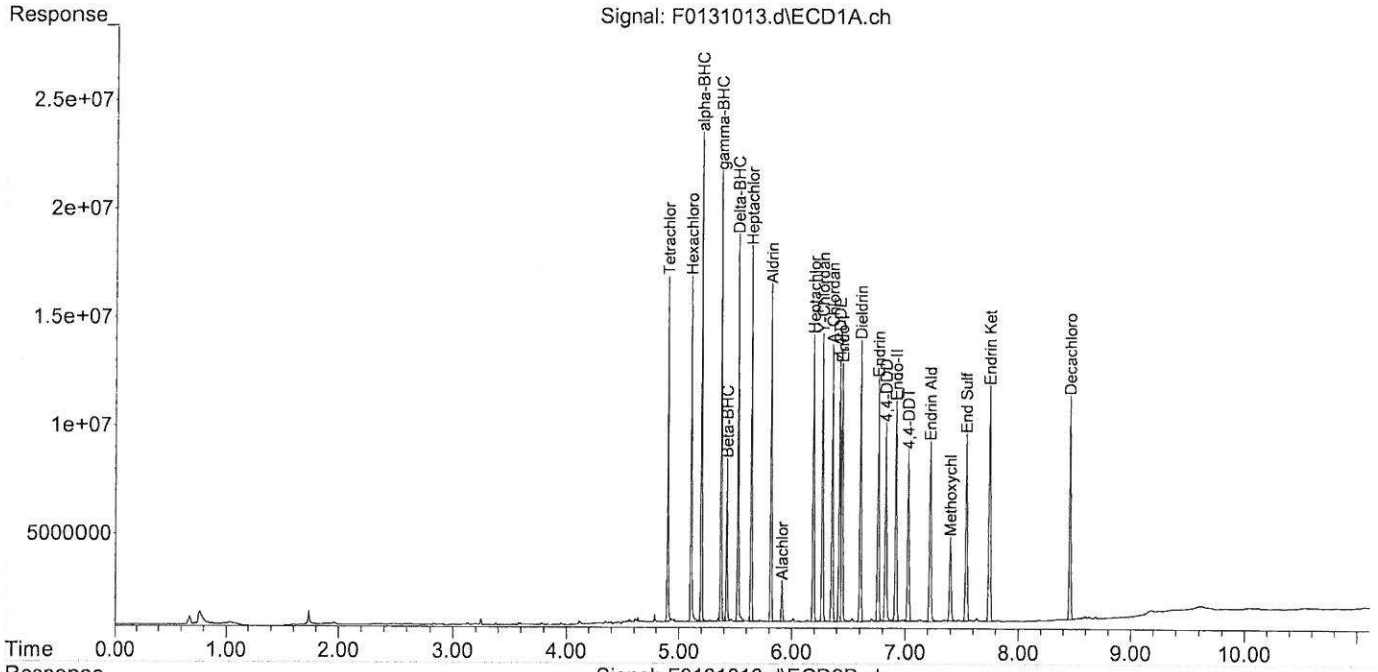
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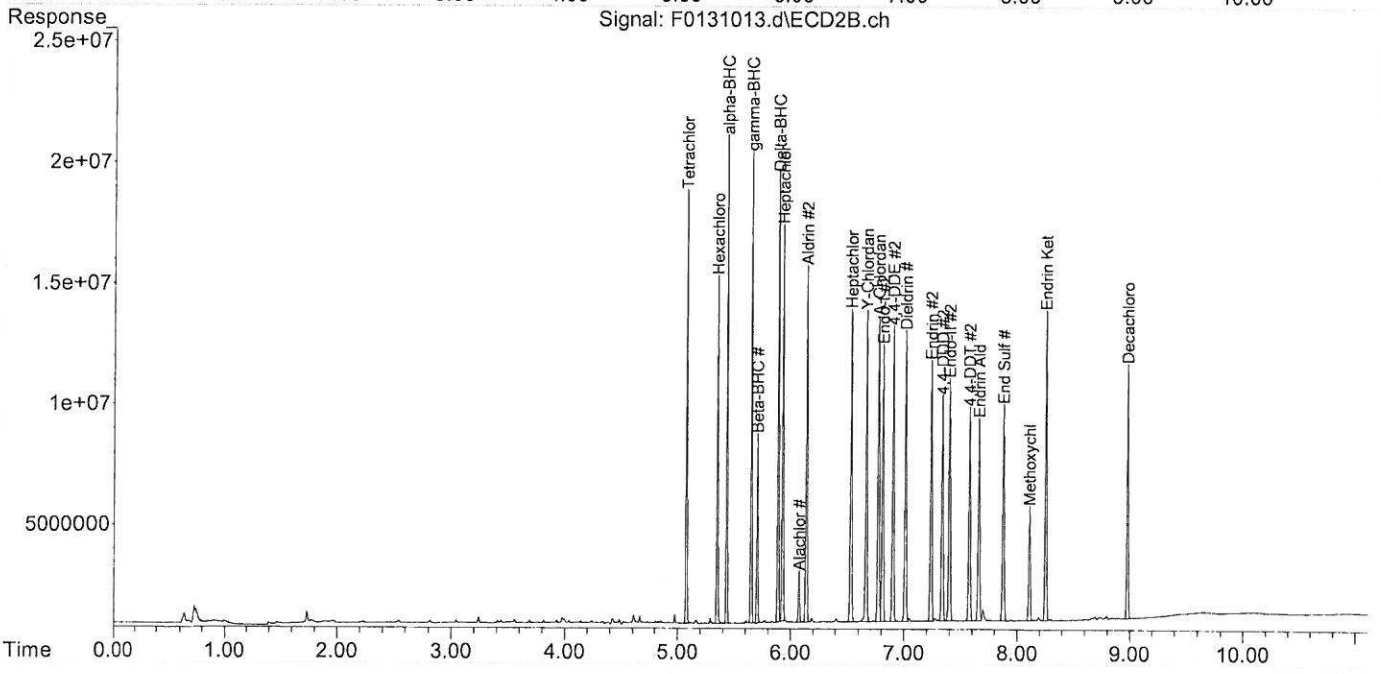
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 2:56 pm
Operator : JMB
Sample : S001758-CAL4 Inst : ECD 6
Misc : PEST 10
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:25 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:13 pm
Operator : JMB
Sample : S001758-CAL5 Inst : ECD 6
Misc : PEST 20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:26 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	199.8E6	224.1E6	21.746	20.594
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	10.87%#	10.30%#
24) S	Decachlor...	8.458	8.979	178.3E6	167.5E6	19.913	20.116
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	9.96%#	10.06%#
	Target Compounds						
2) T	Hexachlor...	5.106	5.350	217.2E6	189.2E6	21.276	19.999
3) T	alpha-BHC	5.198	5.434	290.2E6	269.5E6	23.687	21.604
4) T	gamma-BHC	5.371	5.650	282.0E6	282.4E6	23.103	22.135
5) T	Beta-BHC	5.423	5.704	107.2E6	113.9E6	21.311	20.478
6) T	Delta-BHC	5.522	5.889	266.2E6	283.3E6	22.523	22.463
7) T	Heptachlor	5.639	5.929	257.7E6	264.4E6	22.027	21.820
8) T	Aldrin	5.815	6.141	247.8E6	255.0E6	22.598	22.455
9) T	Alachlor	5.913	6.077	29628784	34981991	19.868	19.830
10) T	Heptachlo...	6.190	6.533	226.8E6	235.1E6	21.512	21.365
11) T	Y-Chlordane	6.271	6.668	228.7E6	243.9E6	21.761	21.811
12) T	A-Chlordane	6.357	6.772	225.7E6	236.2E6	21.680	21.581
13) T	4,4-DDE	6.420	6.902	216.4E6	231.7E6	23.037	22.920
14) T	Endo-I	6.443	6.811	217.5E6	216.9E6	21.924	21.468
15) T	Dieldrin	6.604	7.012	232.9E6	239.6E6	22.251	22.201
16) T	Endrin	6.760	7.236	211.1E6	213.0E6	21.994	21.805
17) T	4,4-DDD	6.827	7.336	180.9E6	187.5E6	22.593	22.435
18) T	Endo-II	6.917	7.399	197.1E6	204.6E6	21.336	21.456
19) T	4,4-DDT	7.024	7.576	161.5E6	184.7E6	23.591	22.543
20) T	Endrin Al...	7.218	7.660	170.9E6	172.9E6	17.433	21.004
21) T	Methoxychlor	7.397	8.111	82039025	90264688	21.386	19.783
22) T	End Sulf	7.539	7.877	177.9E6	186.1E6	21.376	21.136
23) T	Endrin Ke...	7.744	8.253	226.8E6	229.3E6	20.822	20.621
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

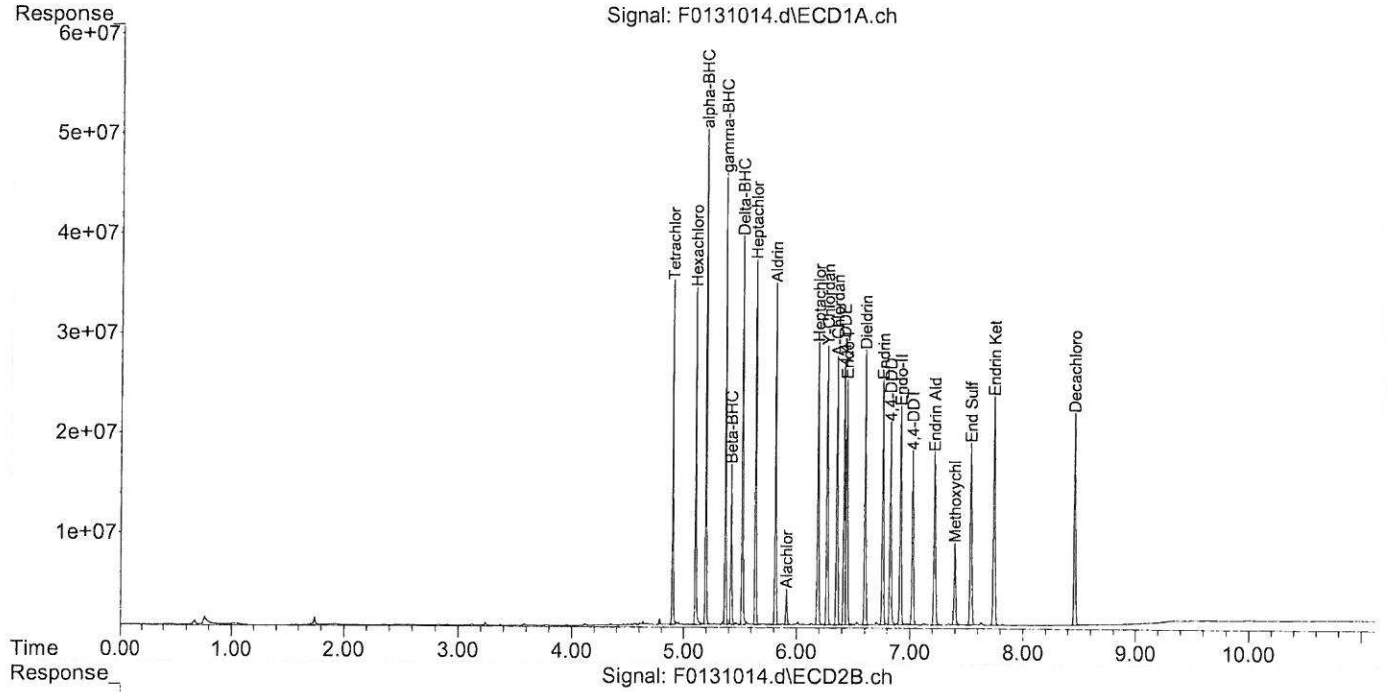
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

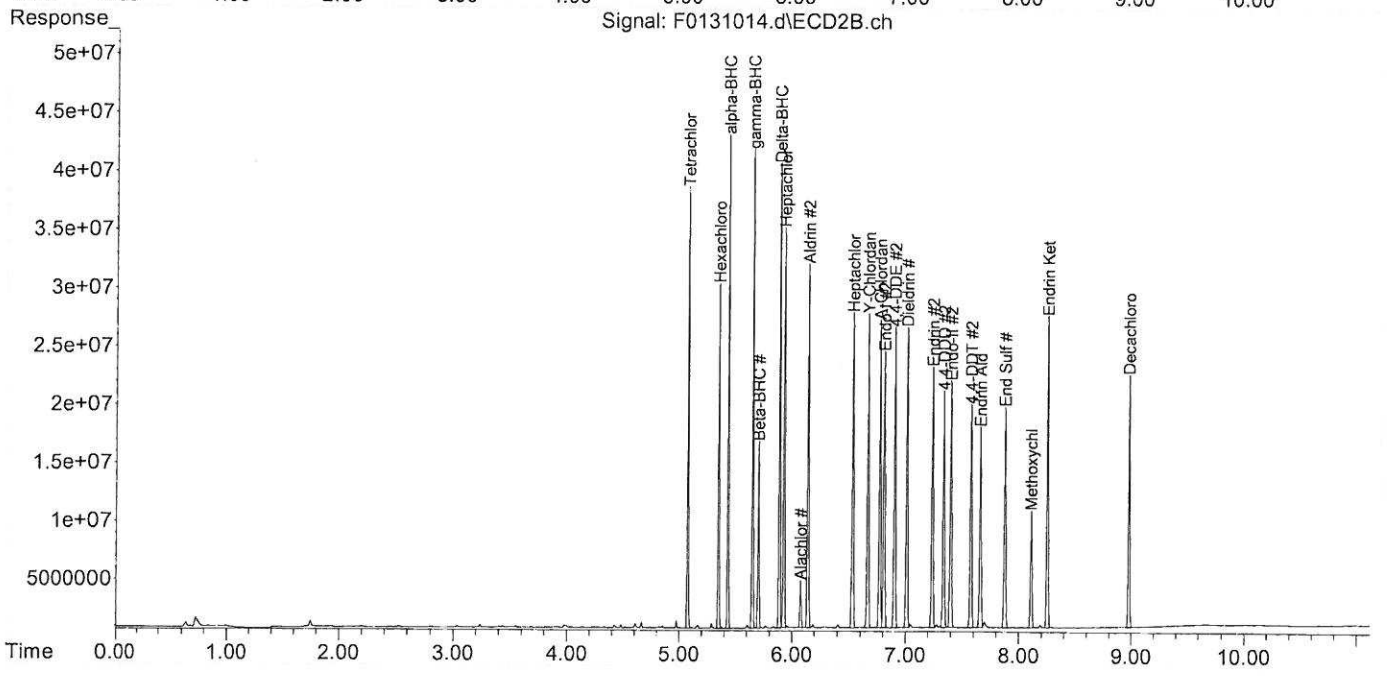
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:13 pm
Operator : JMB
Sample : S001758-CAL5 Inst : ECD 6
Misc : PEST 20
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:26 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:25 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:30 pm
Operator : JMB
Sample : S001758-CAL6 Inst : ECD 6
Misc : PEST 50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:26 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.900	5.078	479.6E6	480.0E6	50.723	43.676
	Spiked Amount	200.000	Range 60 - 300		Recovery =	25.36%#	21.84%#
24)	S Decachlor...	8.460	8.980	414.2E6	390.7E6	46.333	46.838
	Spiked Amount	200.000	Range 60 - 300		Recovery =	23.17%#	23.42%#
	Target Compounds						
2)	T Hexachlor...	5.108	5.351	518.9E6	436.7E6	49.768	46.150
3)	T alpha-BHC	5.199	5.435	708.9E6	639.6E6	54.514	49.934
4)	T gamma-BHC	5.372	5.651	678.1E6	666.6E6	53.482	50.899
5)	T Beta-BHC	5.424	5.704	253.8E6	264.1E6	49.362	47.124
6)	T Delta-BHC	5.523	5.890	652.3E6	667.8E6	52.965	50.856
7)	T Heptachlor	5.640	5.930	612.3E6	610.9E6	50.631	48.924
8)	T Aldrin	5.816	6.142	595.7E6	601.9E6	52.624	51.430
9)	T Alachlor	5.914	6.077	64200729	74860481	44.019	43.117
10)	T Heptachlo...	6.192	6.534	532.0E6	543.1E6	49.221	48.253
11)	T Y-Chlordane	6.272	6.669	556.0E6	579.7E6	51.403	50.326
12)	T A-Chlordane	6.359	6.774	539.8E6	559.1E6	50.431	49.781
13)	T 4,4-DDE	6.422	6.903	523.9E6	558.4E6	53.738	53.300
14)	T Endo-I	6.444	6.812	511.2E6	506.5E6	49.926	48.938
15)	T Dieldrin	6.605	7.012	554.5E6	569.8E6	51.801	51.650
16)	T Endrin	6.762	7.238	499.7E6	502.6E6	50.383	49.957
17)	T 4,4-DDD	6.828	7.337	439.0E6	451.3E6	53.095	52.398
18)	T Endo-II	6.918	7.399	463.8E6	479.3E6	49.104	49.071
19)	T 4,4-DDT	7.026	7.578	404.6E6	453.1E6	56.567	53.584
20)	T Endrin Al...	7.220	7.661	394.4E6	402.3E6	42.038	48.073
21)	T Methoxychlor	7.398	8.111	194.3E6	209.1E6	49.499	45.992
22)	T End Sulf	7.541	7.878	421.0E6	434.8E6	49.453	48.473
23)	T Endrin Ke...	7.746	8.254	532.0E6	533.5E6	48.172	47.480
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

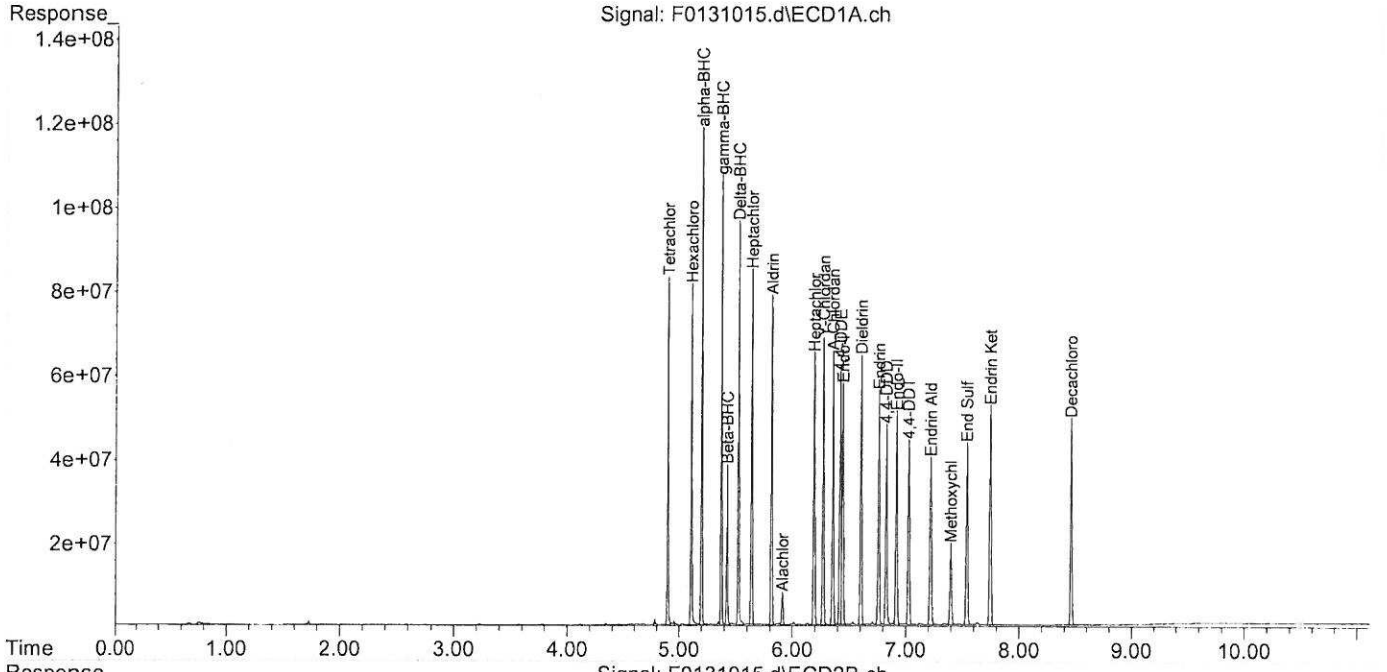
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

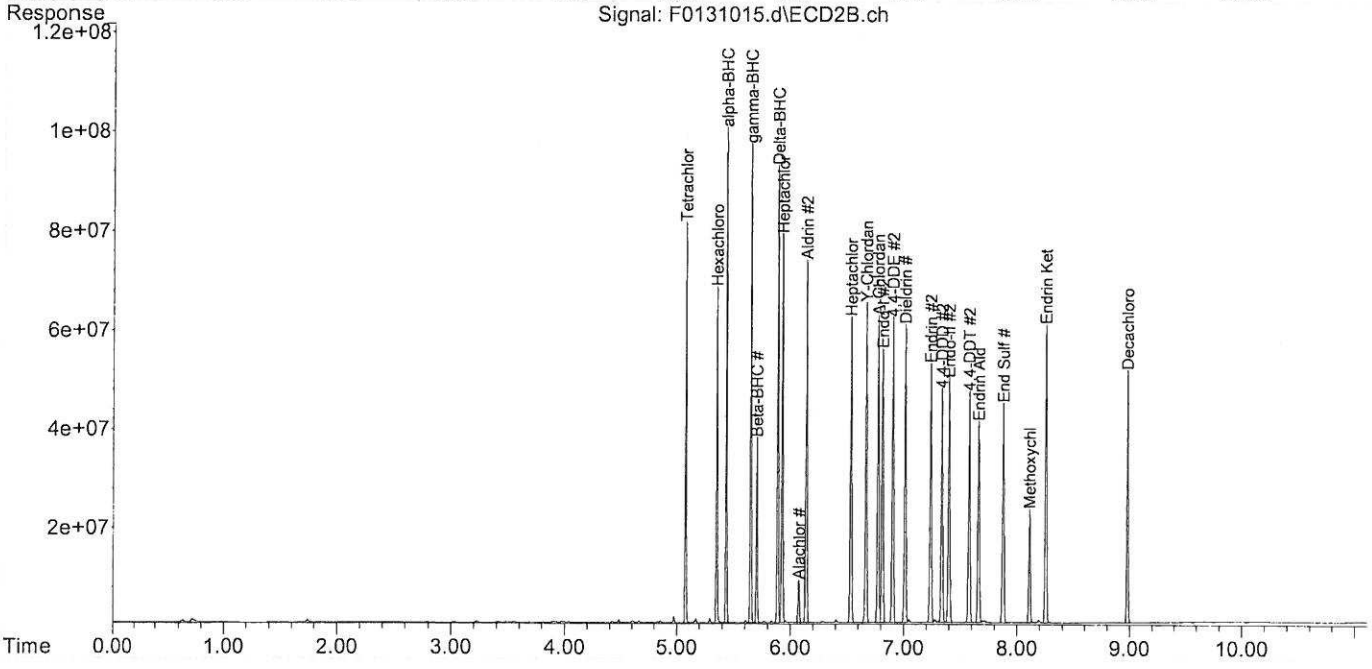
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:30 pm
Operator : JMB
Sample : S001758-CAL6 Inst : ECD 6
Misc : PEST 50
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:26 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:47 pm
Operator : JMB
Sample : S001758-CAL7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	991.2E6	1036.0E6	104.465	97.348
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 52.23%#	48.67%#
24) S	Decachlor...	8.459	8.979	850.5E6	807.0E6	96.913	98.303
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 48.46%#	49.15%#
	Target Compounds						
2) T	Hexachlor...	5.106	5.350	1074.2E6	891.3E6	103.155	96.042
3) T	alpha-BHC	5.198	5.434	1453.7E6	1322.9E6	109.322	103.309
4) T	gamma-BHC	5.371	5.650	1411.4E6	1371.9E6	109.782	104.373
5) T	Beta-BHC	5.423	5.703	524.6E6	540.5E6	102.354	97.859
6) T	Delta-BHC	5.521	5.889	1350.0E6	1376.9E6	108.011	104.411
7) T	Heptachlor	5.639	5.929	1253.9E6	1251.8E6	103.365	100.795
8) T	Aldrin	5.814	6.141	1222.2E6	1233.8E6	106.845	104.813
9) T	Alachlor	5.913	6.076	126.2E6	146.1E6	99.692	98.751
10) T	Heptachlo...	6.190	6.533	1077.8E6	1101.4E6	100.107	98.725
11) T	Y-Chlordane	6.271	6.667	1142.6E6	1199.5E6	104.893	103.972
12) T	A-Chlordane	6.357	6.773	1117.4E6	1153.5E6	104.178	102.808
13) T	4,4-DDE	6.420	6.901	1096.4E6	1153.5E6	110.806	108.676
14) T	Endo-I	6.443	6.811	1027.5E6	1027.4E6	100.394	99.794
15) T	Dieldrin	6.605	7.011	1137.6E6	1163.9E6	105.643	104.929
16) T	Endrin	6.760	7.236	1027.3E6	1027.8E6	103.377	102.188
17) T	4,4-DDD	6.828	7.335	914.7E6	933.0E6	109.267	107.301
18) T	Endo-II	6.917	7.398	954.4E6	976.7E6	101.503	100.455
19) T	4,4-DDT	7.025	7.576	878.1E6	958.2E6	119.641	111.728
20) T	Endrin Al...	7.219	7.659	801.5E6	821.7E6	88.969	99.134
21) T	Methoxychlor	7.396	8.110	402.4E6	430.6E6	102.789	96.659
22) T	End Sulf	7.539	7.877	867.0E6	890.0E6	102.135	99.979
23) T	Endrin Ke...	7.744	8.252	1077.0E6	1078.1E6	98.417	97.171
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

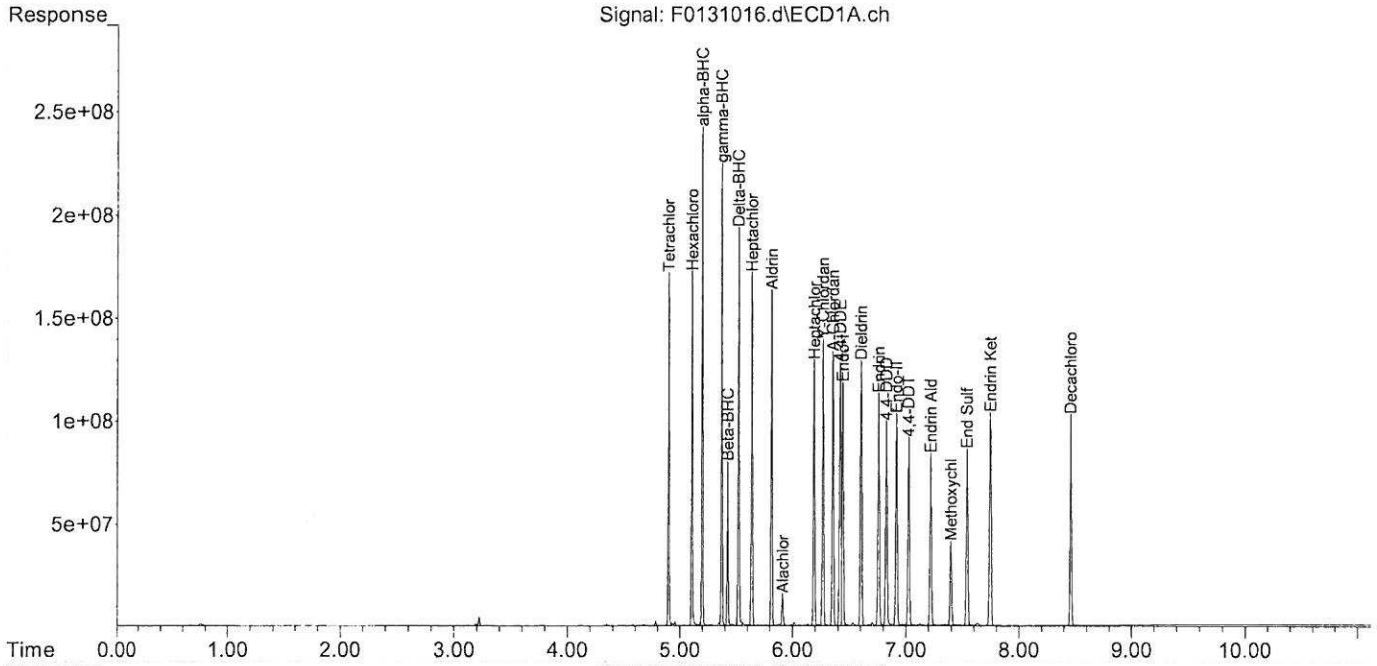
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

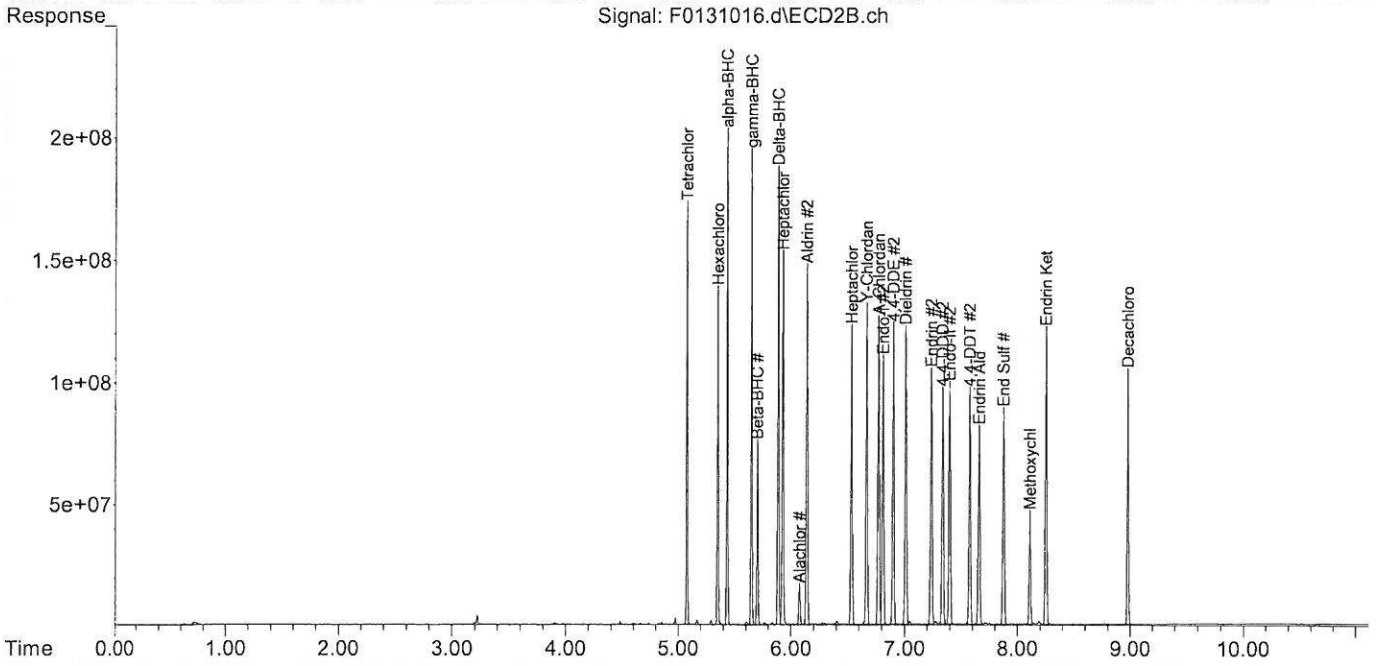
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131016.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 3:47 pm
Operator : JMB
Sample : S001758-CAL7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:27 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:04 pm
Operator : JMB
Sample : S001758-CAL8 Inst : ECD 6
Misc : PEST 200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:28 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.077	1933.5E6	2001.4E6	201.968	189.074
	Spiked Amount	200.000 Range	60 - 300	Recovery	= 100.98%		94.54%
24) S	Decachlor...	8.458	8.978	1682.5E6	1594.6E6	192.914	194.907
	Spiked Amount	200.000 Range	60 - 300	Recovery	= 96.46%		97.45%
	Target Compounds						
2) T	Hexachlor...	5.106	5.349	2123.7E6	1736.5E6	202.666	188.608
3) T	alpha-BHC	5.197	5.434	2874.8E6	2604.4E6	212.239	202.042
4) T	gamma-BHC	5.371	5.650	2832.7E6	2716.7E6	216.796	205.194
5) T	Beta-BHC	5.422	5.703	1054.7E6	1069.4E6	204.836	194.449
6) T	Delta-BHC	5.521	5.888	2758.0E6	2782.2E6	217.185	209.125
7) T	Heptachlor	5.639	5.928	2465.4E6	2432.0E6	201.873	195.514
8) T	Aldrin	5.814	6.140	2387.3E6	2396.9E6	206.354	202.008
9) T	Alachlor	5.913	6.075	241.3E6	279.0E6	193.403	192.966
10) T	Heptachlo...	6.189	6.532	2109.1E6	2142.0E6	195.861	192.493
11) T	Y-Chlordane	6.270	6.666	2276.8E6	2365.6E6	206.996	203.429
12) T	A-Chlordane	6.356	6.771	2216.9E6	2273.1E6	204.977	201.469
13) T	4,4-DDE	6.419	6.900	2172.3E6	2263.8E6	215.657	210.241
14) T	Endo-I	6.442	6.809	2008.1E6	2001.9E6	196.059	194.536
15) T	Dieldrin	6.604	7.010	2231.5E6	2270.1E6	205.564	203.221
16) T	Endrin	6.760	7.234	2024.2E6	2017.8E6	202.338	199.734
17) T	4,4-DDD	6.826	7.333	1827.1E6	1859.6E6	214.946	211.301
18) T	Endo-II	6.916	7.396	1879.5E6	1926.4E6	199.302	197.957
19) T	4,4-DDT	7.023	7.574	1799.5E6	1923.5E6	237.398	219.988
20) T	Endrin Al...	7.217	7.657	1587.3E6	1610.8E6	180.171	194.667
21) T	Methoxychlor	7.395	8.108	809.0E6	852.2E6	205.500	192.563
22) T	End Sulf	7.538	7.875	1717.3E6	1762.9E6	201.429	198.054
23) T	Endrin Ke...	7.743	8.251	2115.4E6	2136.8E6	193.931	193.687
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

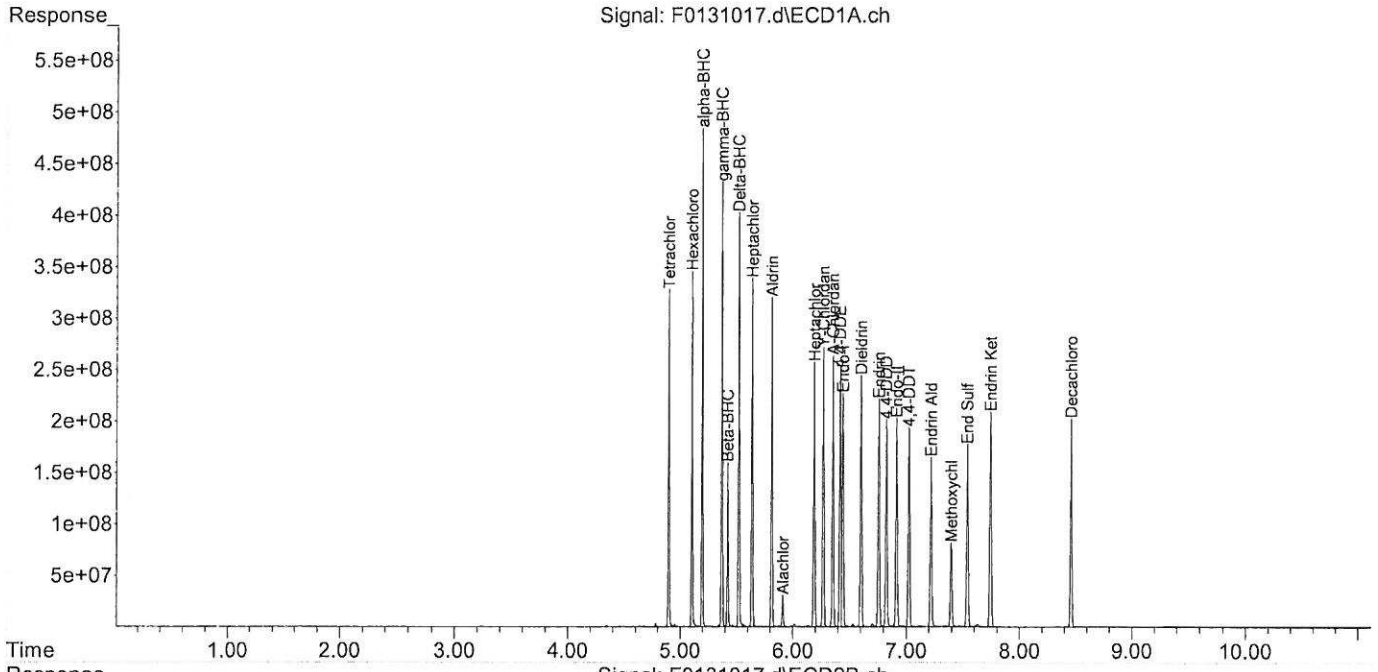
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

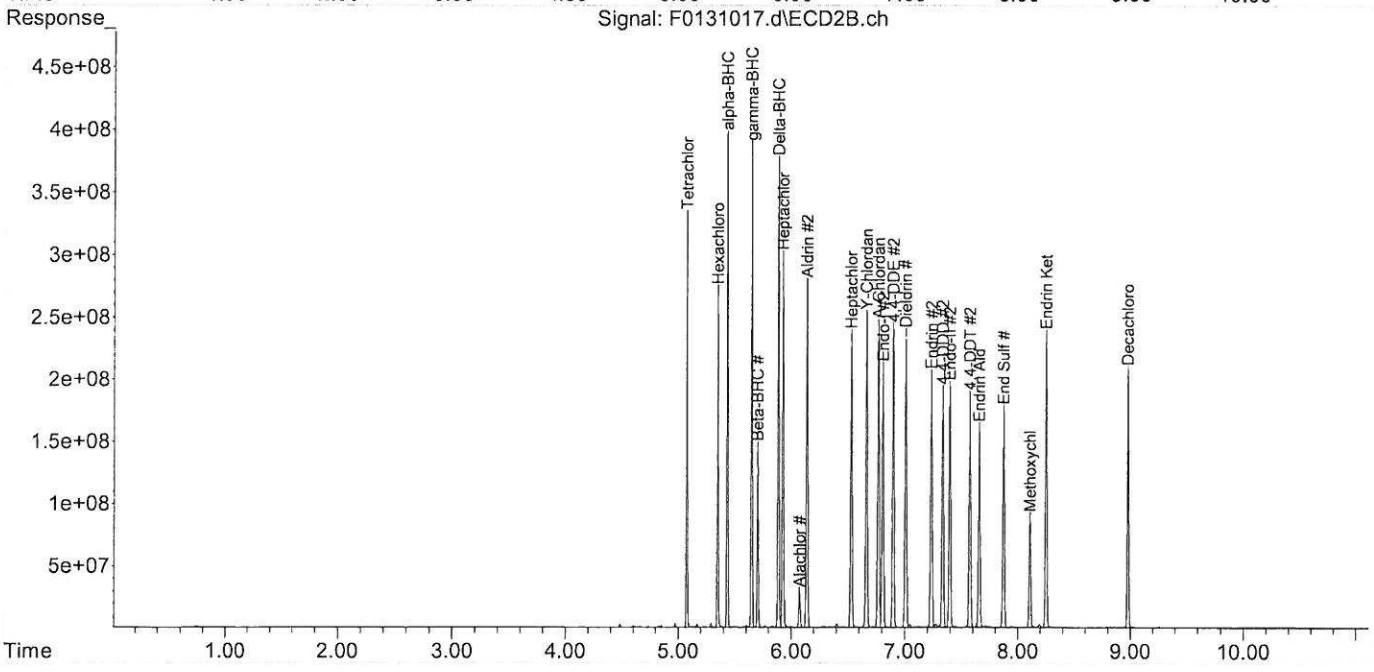
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:04 pm
Operator : JMB
Sample : S001758-CAL8 Inst : ECD 6
Misc : PEST 200
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:28 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:27 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:38 pm
Operator : JMB
Sample : S001758-CAL2 Inst : ECD 6
Misc : PEST 1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:23 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.899	5.075	9622172	12610308	NoCal	NoCal
	Spiked Amount 200.000	Range 60 - 300		Recovery =		0.00%#	0.00%#
24) S	Decachlor...	8.458	8.977	11772205	10622123	NoCal	NoCal
	Spiked Amount 200.000	Range 60 - 300		Recovery =		0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	5.106	5.348	10835097	11381349	NoCal	NoCal
3) T	alpha-BHC	5.196	5.432	10822310	12146328	NoCal	NoCal
4) T	gamma-BHC	5.370	5.648	11473873	12283453	NoCal	NoCal
5) T	Beta-BHC	5.422	5.701	5670135	5991346	NoCal	NoCal
6) T	Delta-BHC	5.521	5.886	10848206	11369914	NoCal	NoCal
7) T	Heptachlor	5.638	5.926	11532213	11926943	NoCal	NoCal
8) T	Aldrin	5.813	6.138	10615849	10955321	NoCal	NoCal
9) T	Alachlor	5.912	6.074	1868075	1975519	NoCal	NoCal
10) T	Heptachlo...	6.188	6.531	10981749	11318270	NoCal	NoCal
11) T	Y-Chlordane	6.269	6.665	11205450	11252070	NoCal	NoCal
12) T	A-Chlordane	6.355	6.771	10867530	11264360	NoCal	NoCal
13) T	4,4-DDE	6.419	6.900	9029967	9689221	NoCal	NoCal
14) T	Endo-I	6.441	6.809	10506716	10391308	NoCal	NoCal
15) T	Dieldrin	6.602	7.009	10477823	10633578	1.019	0.976
16) T	Endrin	6.758	7.234	9593182	9735270	NoCal	NoCal
17) T	4,4-DDD	6.825	7.333	7748516	8181296	NoCal	NoCal
18) T	Endo-II	6.915	7.395	9744543	10046031	NoCal	NoCal
19) T	4,4-DDT	7.023	7.573	6568086	8147067	NoCal	NoCal
20) T	Endrin Al...	7.217	7.656	9928066	8940216	NoCal	NoCal
21) T	Methoxychlor	7.395	8.108	4141269	5043522	NoCal	NoCal
22) T	End Sulf	7.537	7.874	9582474	9715116	NoCal	NoCal
23) T	Endrin Ke...	7.742	8.250	11357325	11509561	NoCal	NoCal
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D.
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

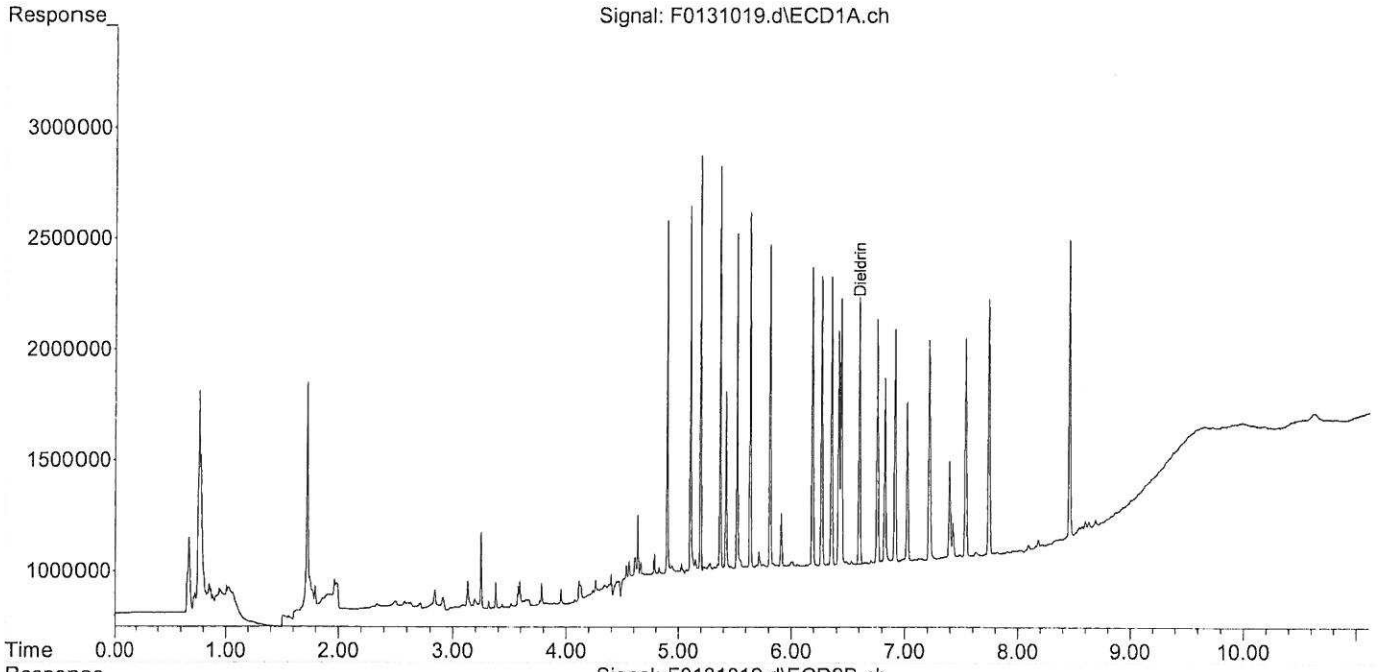
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

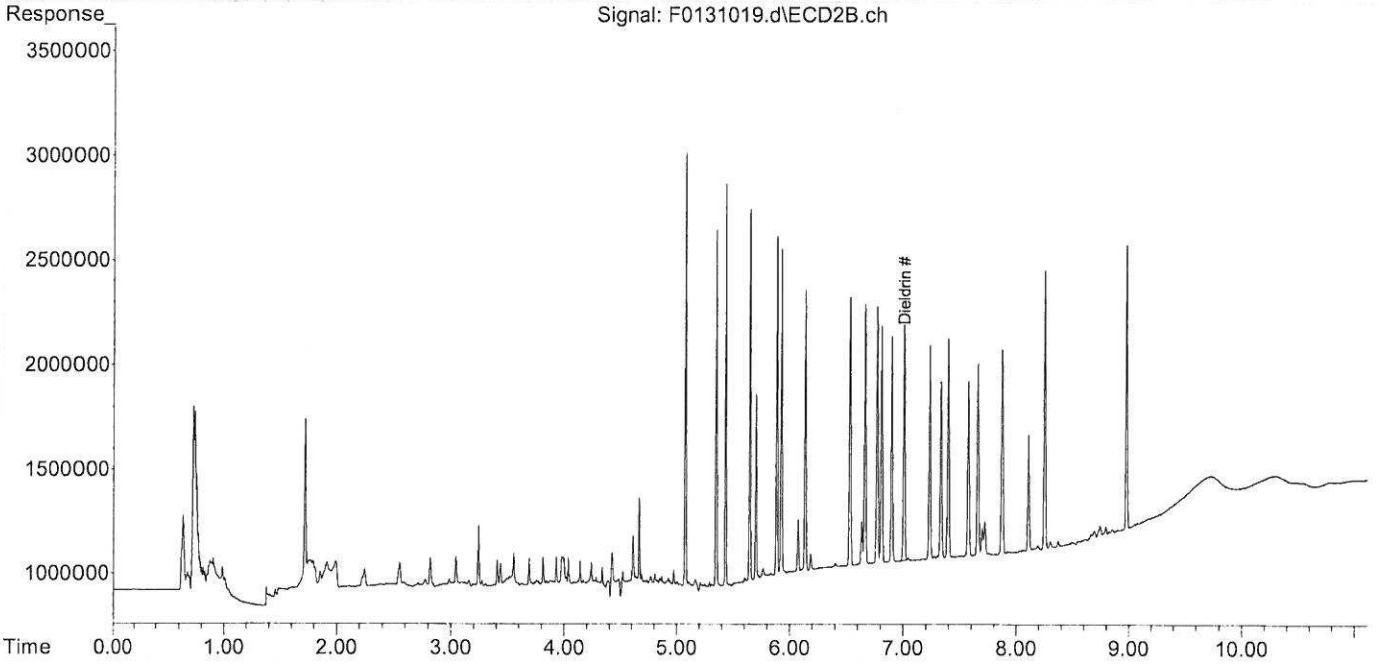
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131019.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 4:38 pm
Operator : JMB
Sample : S001758-CAL2 Inst : ECD 6
Misc : PEST 1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:23 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 07 18:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.897	5.074	960.3E6	964.8E6	100.145	91.982	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		50.07%#	45.99%#	
24) S	Decachlor...	8.456	8.976	853.7E6	799.5E6	98.464	98.139	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		49.23%#	49.07%#	
	Target Compounds							
2) T	Hexachlor...	5.104	5.347	1120.8E6	936.9E6	106.719	102.736	
3) T	alpha-BHC	5.195	5.431	1575.9E6	1451.4E6	115.169	112.409	
4) T	gamma-BHC	5.368	5.647	1483.3E6	1440.2E6	112.180	108.376	
5) T	Beta-BHC	5.420	5.700	576.2E6	591.6E6	111.454	108.061	
6) T	Delta-BHC	5.519	5.885	1437.5E6	1451.8E6	111.601	108.305	
7) T	Heptachlor	5.636	5.925	1379.3E6	1368.3E6	112.763	110.416	
8) T	Aldrin	5.811	6.137	1354.1E6	1361.2E6	116.515	114.555	
9) T	Alachlor	5.910	6.073	128.4E6	147.1E6	104.101	102.976	
10) T	Heptachlo...	6.187	6.529	1196.2E6	1214.4E6	111.469	109.816	
11) T	Y-Chlordane	6.267	6.664	1243.8E6	1294.2E6	112.422	110.977	
12) T	A-Chlordane	6.353	6.769	1224.1E6	1253.9E6	112.716	110.995	
13) T	4,4-DDE	6.417	6.898	1185.2E6	1257.4E6	116.362	115.927	
14) T	Endo-I	6.440	6.807	1149.9E6	1132.3E6	112.637	110.537	
15) T	Dieldrin	6.600	7.007	1271.1E6	1292.7E6	116.690	115.491	
16) T	Endrin	6.756	7.232	1151.7E6	1148.1E6	114.898	113.677	
17) T	4,4-DDD	6.823	7.331	992.2E6	1015.7E6	115.496	114.488	
18) T	Endo-II	6.912	7.394	1047.2E6	1069.8E6	111.110	110.114	
19) T	4,4-DDT	7.020	7.571	932.2E6	1043.3E6	119.779m	117.638	
20) T	Endrin Al...	7.215	7.655	707.4E6	726.0E6	81.643	88.132	
21) T	Methoxychlor	7.393	8.106	453.1E6	476.7E6	114.583	108.404	
22) T	End Sulf	7.535	7.872	957.0E6	988.3E6	112.119	111.208	
23) T	Endrin Ke...	7.740	8.248	1132.0E6	1137.0E6	104.307	103.606	
25) L8	Chlordane{1}	5.601	5.833	4891177	4908322	11.257	11.710	
26) L8	Chlordane{2}	5.636	5.925	1379.3E6	1368.3E6	2311.503	2330.761	
27) L8	Chlordane{3}	5.910	0.000	128.4E6	0	283.100	N.D.	#
28) L8	Chlordane{4}	6.267	0.000	1243.8E6	0	846.326	N.D.	#
29) L8	Chlordane{5}	6.353	6.769	1224.1E6	1253.9E6	545.556	1136.820	#
	Sum Chlordane			3980.5E6	2627.1E6	3997.743	3479.291	
Average	Chlordane					799.549	1159.764	
30) H	Toxaphene	7.100	7.600	15007.9E6	15280.5E6	2092.339	2216.436	

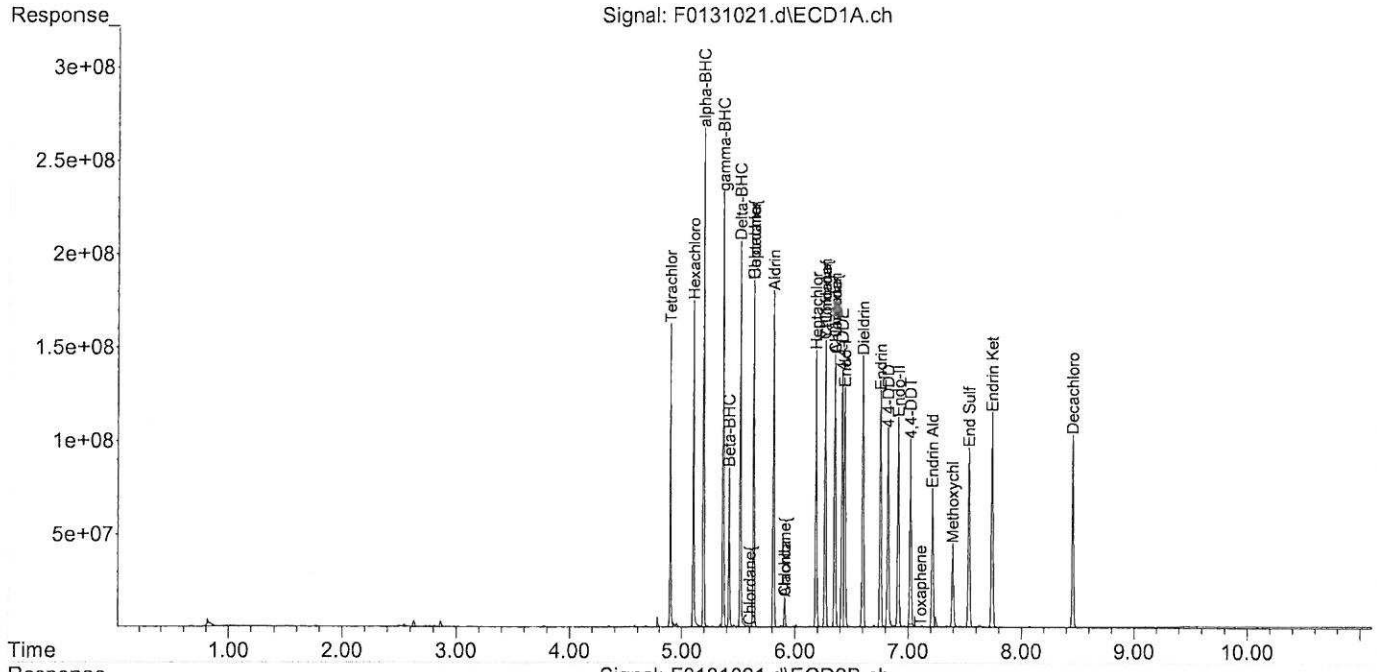
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

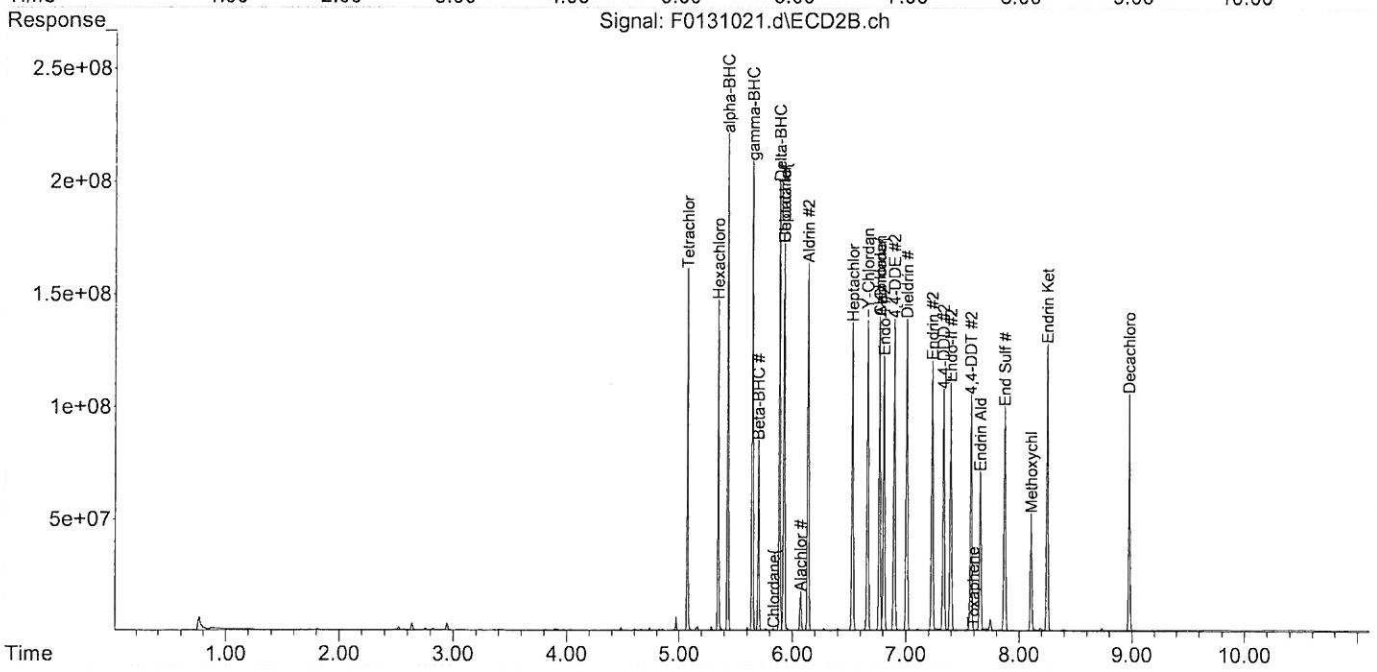
Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 07 18:46:23 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



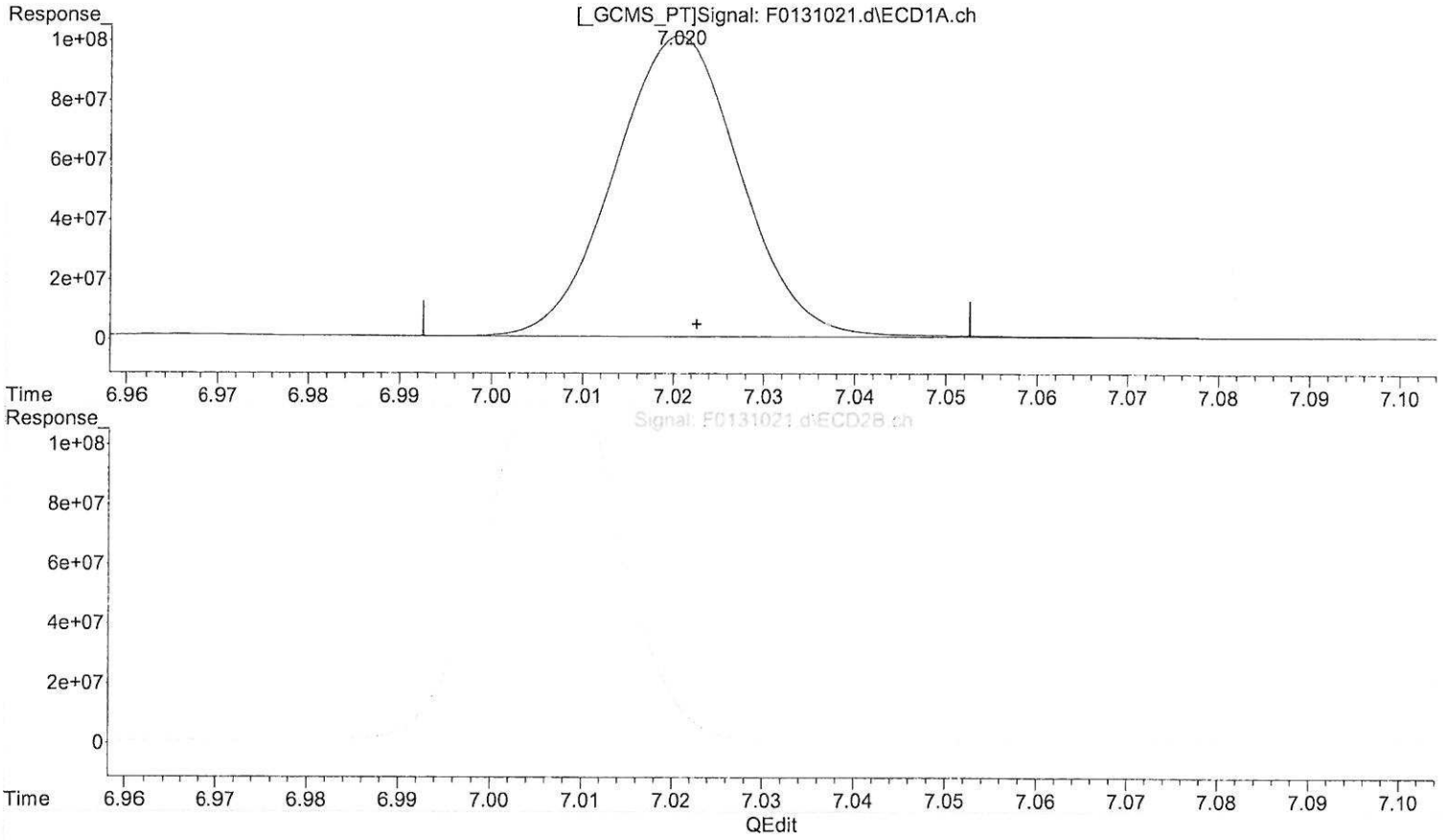


Quantitation Report (Qedit)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.021min 125.283 ug/L

response 975035977

(19) 4,4-DDT #2 (T)

7.571min 117.638 ug/L

response 1043293234

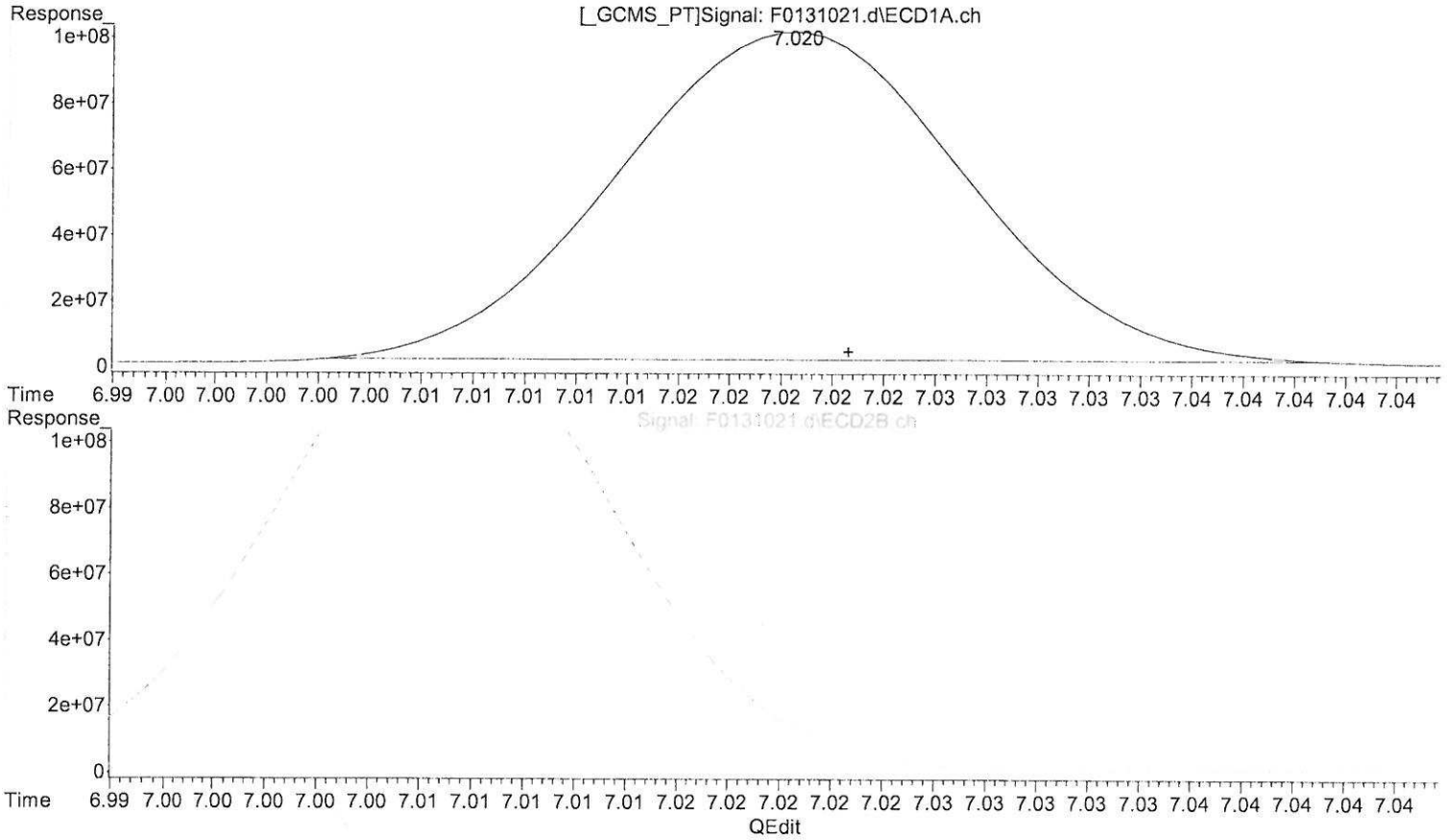
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\PEST 013112\
Data File : F0131021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2012 5:12 pm
Operator : JMB
Sample : S001758-ICV1 Inst : ECD 6
Misc : PEST ICV 100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Jan 31 17:46:51 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST013112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 11/22/11
QLast Update : Tue Jan 31 17:46:28 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.020min 119.779 ug/L m

response 932200771

(19) 4,4-DDT #2 (T)

7.571min 117.638 ug/L

response 1043293234

(+) = Expected Retention Time

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:16 pm
Operator : JMB
Sample : S001304-CAL1 Inst : ECD 6
Misc : CHLOR 20
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:40 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.879	5.062	191.4E6	195.7E6	19.933	19.818	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		9.97%#	9.91%#	
24)	S Decachlor...	8.482	9.002	158.0E6	138.9E6	19.887	19.625	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		9.94%#	9.81%#	
	Target Compounds							
2)	T Hexachlor...	5.088	0.000	2303584	0	0.231	N.D.	#
3)	T alpha-BHC	0.000	5.394f	0	940586	N.D.	<MDL	
4)	T gamma-BHC	5.331f	0.000	824786	0	<MDL	N.D.	#
5)	T Beta-BHC	0.000	0.000	0	0	N.D.	N.D.	
6)	T Delta-BHC	5.476f	0.000	884698	0	<MDL	N.D.	#
7)	T Heptachlor	5.625	5.924	11482542	10953632	0.982	0.964	
8)	T Aldrin	0.000	0.000	0	0	N.D.	N.D.	
9)	T Alachlor	5.891	0.000	9732732	0	3.430	N.D.	#
10)	T Heptachlo...	6.193f	6.512	3272721	4975156	0.323	0.489	#
11)	T Y-Chlordane	6.265	6.671	28091006	26345617	2.666	2.492	
12)	T A-Chlordane	6.348	6.779	42005175	20652407	4.098	2.010	#
13)	T 4,4-DDE	0.000	0.000	0	0	N.D.	N.D.	
14)	T Endo-I	0.000	6.779f	0	20652407	N.D.	2.174	
15)	T Dieldrin	0.000	7.025f	0	3450050	N.D.	0.323	
16)	T Endrin	0.000	7.225	0	980370	N.D.	<MDL	
17)	T 4,4-DDD	0.000	7.316f	0	4694625	N.D.	0.603	
18)	T Endo-II	0.000	0.000	0	0	N.D.	N.D.	
19)	T 4,4-DDT	7.043f	0.000	1740518	0	0.207	N.D.	#
20)	T Endrin Al...	0.000	7.690f	0	1766055	N.D.	0.230	
21)	T Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22)	T End Sulf	0.000	0.000	0	0	N.D.	N.D.	
23)	T Endrin Ke...	0.000	0.000	0	0	N.D.	N.D.	
25)	L8 Chlordane{1}	5.578	5.830	8377720	8038939	19.282	19.179	
26)	L8 Chlordane{2}	5.625	5.924	11482542	10953632	19.244	18.658	
27)	L8 Chlordane{3}	5.891	6.243	9732732	9184947	21.454	21.369	
28)	L8 Chlordane{4}	6.265	6.740	28091006	21182018	19.114	18.940	
29)	L8 Chlordane{5}	6.348	6.779	42005175	20652407	18.720	18.725	
	Sum Chlordane			99689174	70011945	97.815	96.870	
Average Chlordane						19.563	19.374	
30)	H Toxaphene	7.100	7.500	205.7E6	188.0E6	24.303	31.438	#

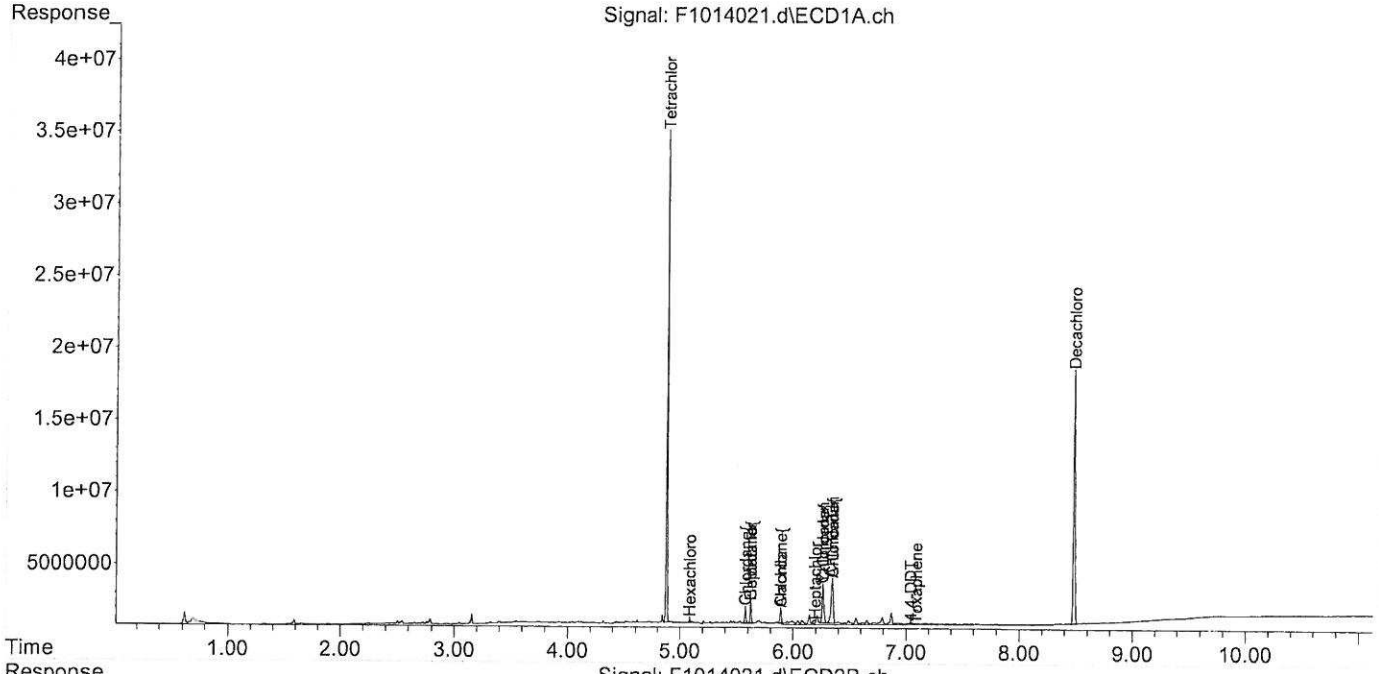
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

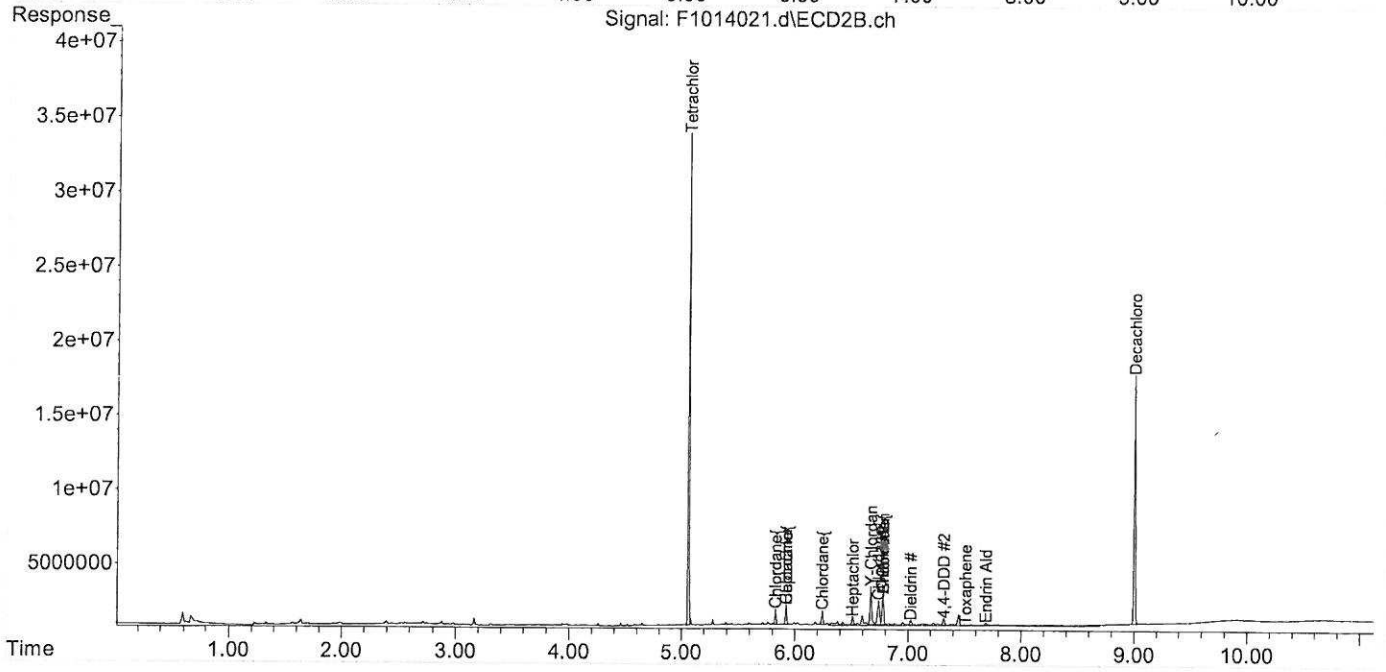
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014021.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:16 pm
Operator : JMB
Sample : S001304-CAL1 Inst : ECD 6
Misc : CHLOR 20
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:40 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014022.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:33 pm
Operator : JMB
Sample : S001304-CAL2 Inst : ECD 6
Misc : CHLOR 50
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:42 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.879	5.061	464.4E6	484.2E6	48.354	49.037	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		24.18%#	24.52%#	
24) S	Decachlor...	8.482	9.001	365.3E6	329.1E6	45.980	46.496	
	Spiked Amount	200.000	Range 60 - 300	Recovery =		22.99%#	23.25%#	
	Target Compounds							
2) T	Hexachlor...	5.087	0.000	5628378	0	0.565	N.D.	#
3) T	alpha-BHC	0.000	5.393f	0	2174360	N.D.	0.154	
4) T	gamma-BHC	5.331f	5.651f	4162466	1013734	0.327	<MDL	#
5) T	Beta-BHC	5.384f	0.000	2201010	0	0.423	N.D.	#
6) T	Delta-BHC	5.475f	0.000	2663080	0	0.210	N.D.	#
7) T	Heptachlor	5.625	5.923	28126598	26895851	2.406	2.367	
8) T	Aldrin	0.000	6.105f	0	831133	N.D.	<MDL	
9) T	Alachlor	5.890	0.000	22382635	0	13.342	N.D.	#
10) T	Heptachlo...	6.193f	6.511	8039735	11965433	0.793	1.176	#
11) T	Y-Chlordane	6.264	6.670	68731277	63245152	6.522	5.983	
12) T	A-Chlordane	6.347	6.778	105.3E6	50219552	10.274	4.888	#
13) T	4,4-DDE	6.405	6.883f	4584459	1448737	0.456	<MDL	#
14) T	Endo-I	6.405f	6.819	4584459	2352480	0.482	0.248	#
15) T	Dieldrin	6.614f	7.024f	1956524	8744262	0.190	0.819	#
16) T	Endrin	0.000	7.223	0	2956192	N.D.	0.313	
17) T	4,4-DDD	0.000	7.315f	0	11052740	N.D.	1.420	
18) T	Endo-II	0.000	7.395	0	2395651	N.D.	0.267	
19) T	4,4-DDT	7.042f	0.000	3970475	0	0.472	N.D.	#
20) T	Endrin Al...	0.000	7.689f	0	4265094	N.D.	0.555	
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	0.000	0.000	0	0	N.D.	N.D.	
23) T	Endrin Ke...	0.000	0.000	0	0	N.D.	N.D.	
25) L8	Chlordane{1}	5.578	5.829	20919946	19420981	48.148	46.333	
26) L8	Chlordane{2}	5.625	5.923	28126598	26895851	47.138	45.813	
27) L8	Chlordane{3}	5.890	6.242	22382635	20828397	49.339	48.458	
28) L8	Chlordane{4}	6.264	6.739	68731277	50740550	46.768	45.369	
29) L8	Chlordane{5}	6.347	6.778	105.3E6	50219552	46.931	45.532	
	Sum Chlordane			245.5E6	168.1E6	238.325	231.505	
Average	Chlordane					47.665	46.301	
30) H	Toxaphene	7.100	7.500	399.9E6	368.6E6	47.263	61.646	#

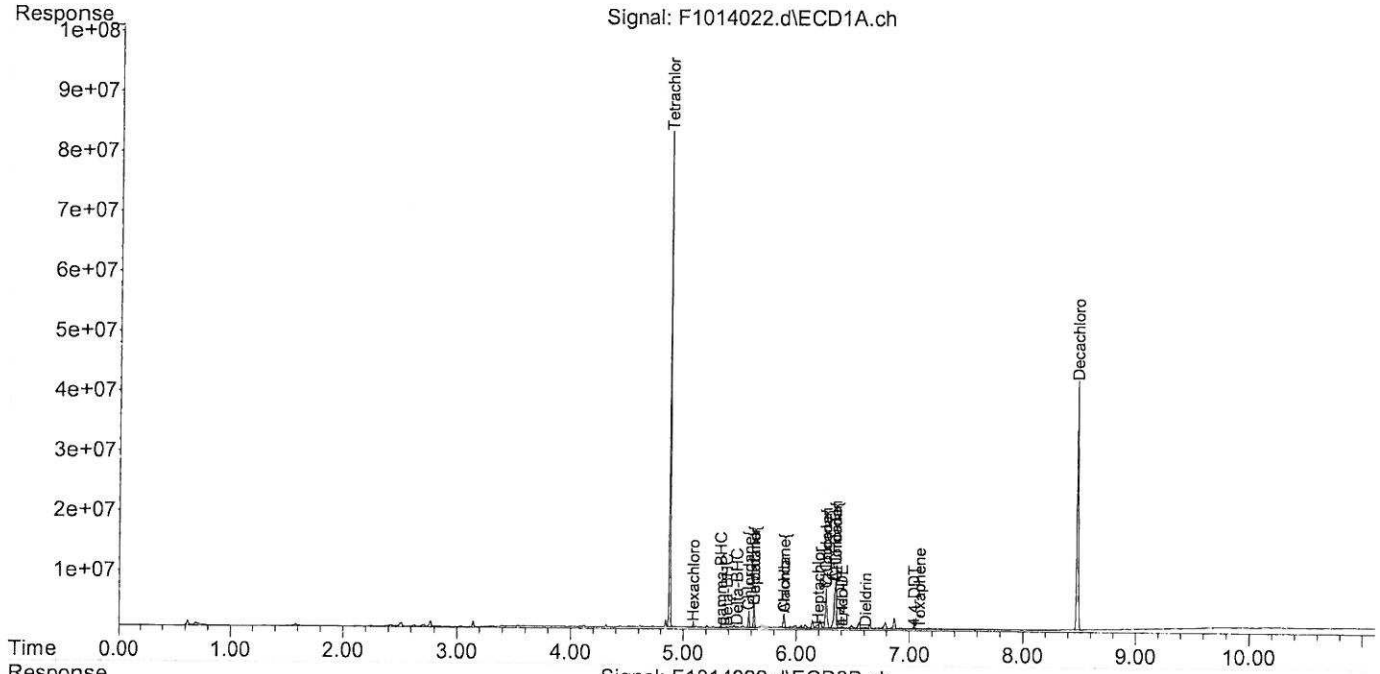
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

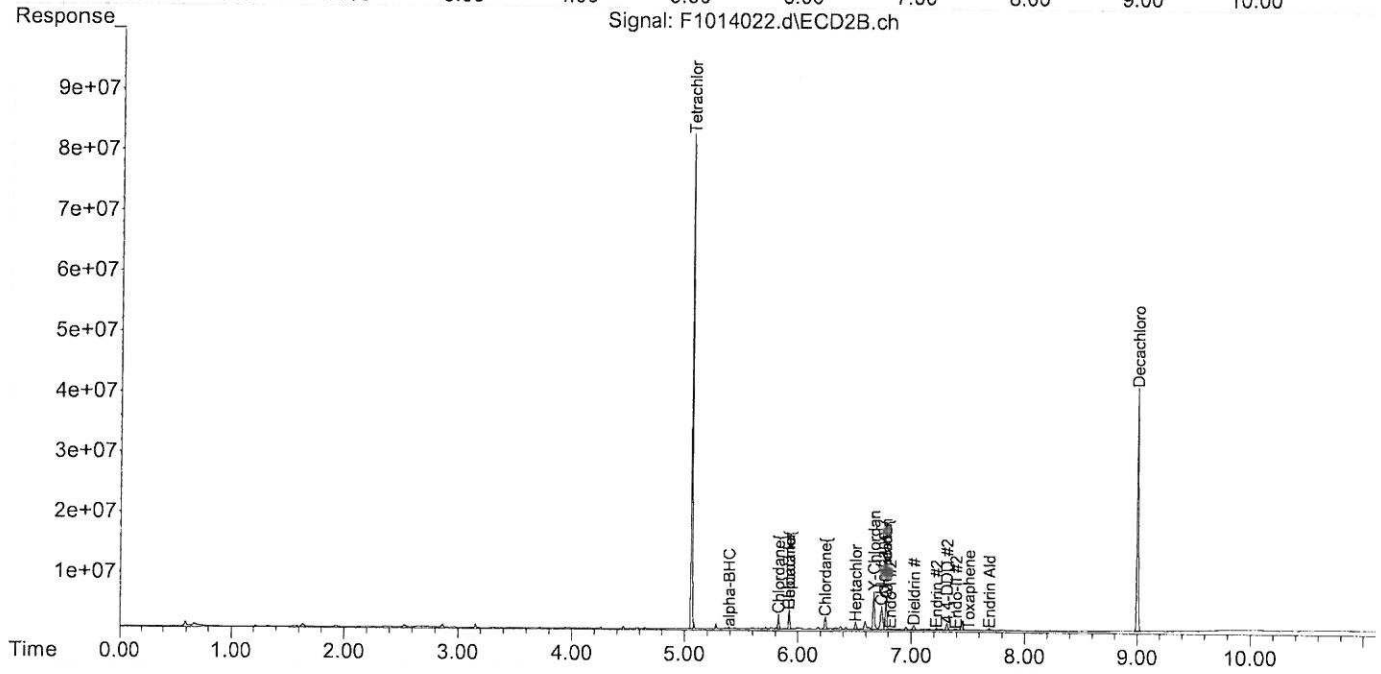
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014022.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:33 pm
Operator : JMB
Sample : S001304-CAL2 Inst : ECD 6
Misc : CHLOR 50
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:42 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:51 pm
Operator : JMB
Sample : S001304-CAL3 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:44 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.880	5.062	966.5E6	1025.7E6	100.631	103.870	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	50.32%#	51.93%#	
24) S	Decachlor...	8.482	9.002	794.6E6	698.9E6	100.006	98.731	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	50.00%#	49.37%#	
	Target Compounds							
2) T	Hexachlor...	5.088	0.000	11381828	0	1.142	N.D.	#
3) T	alpha-BHC	0.000	5.393f	0	4612846	N.D.	0.326	
4) T	gamma-BHC	5.331f	5.651f	4032334	1926636	0.317	0.150	#
5) T	Beta-BHC	5.385	0.000	1854978	0	0.357	N.D.	#
6) T	Delta-BHC	5.498	0.000	1007207	0	<MDL	N.D.	#
7) T	Heptachlor	5.625	5.923	58631110	57950601	5.016	5.100	
8) T	Aldrin	0.000	6.105f	0	1674553	N.D.	0.152	
9) T	Alachlor	5.890	0.000	44745652	0	30.864	N.D.	#
10) T	Heptachlo...	6.193f	6.511	16732290	27619702	1.651	2.715	#
11) T	Y-Chlordane	6.264	6.670	146.7E6	134.2E6	13.923	12.697	
12) T	A-Chlordane	6.348	6.778	225.5E6	110.5E6	22.005	10.755	#
13) T	4,4-DDE	6.406	6.883f	9688349	7729235	0.964	0.774	
14) T	Endo-I	6.406f	6.819	9688349	7974005	1.019	0.839	
15) T	Dieldrin	6.615f	7.024f	3955354	22270221	0.384	2.085	#
16) T	Endrin	0.000	7.225	0	7838994	N.D.	0.829	
17) T	4,4-DDD	0.000	7.316f	0	25085076	N.D.	3.224	
18) T	Endo-II	6.928f	7.396	1527739	6722698	0.169	0.749	#
19) T	4,4-DDT	7.042f	7.559f	10312342	2778461	1.225	0.328	#
20) T	Endrin Al...	0.000	7.689f	0	9041238	N.D.	1.177	
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	7.540	0.000	3052786	0	0.362	N.D.	#
23) T	Endrin Ke...	0.000	8.278f	0	1418985	N.D.	<MDL	
25) L8	Chlordane{1}	5.579	5.829	42293063	40894539	97.340	97.564	
26) L8	Chlordane{2}	5.625	5.923	58631110	57950601	98.260	98.711	
27) L8	Chlordane{3}	5.890	6.242	44745652	42207899	98.636	98.198	
28) L8	Chlordane{4}	6.264	6.740	146.7E6	111.5E6	99.835	99.737	
29) L8	Chlordane{5}	6.348	6.778	225.5E6	110.5E6	100.516	100.178	
	Sum Chlordane			517.9E6	363.1E6	494.587	494.388	
Average	Chlordane					98.917	98.878	
30) H	Toxaphene	7.100	7.500	783.7E6	731.3E6	92.613	122.302	#

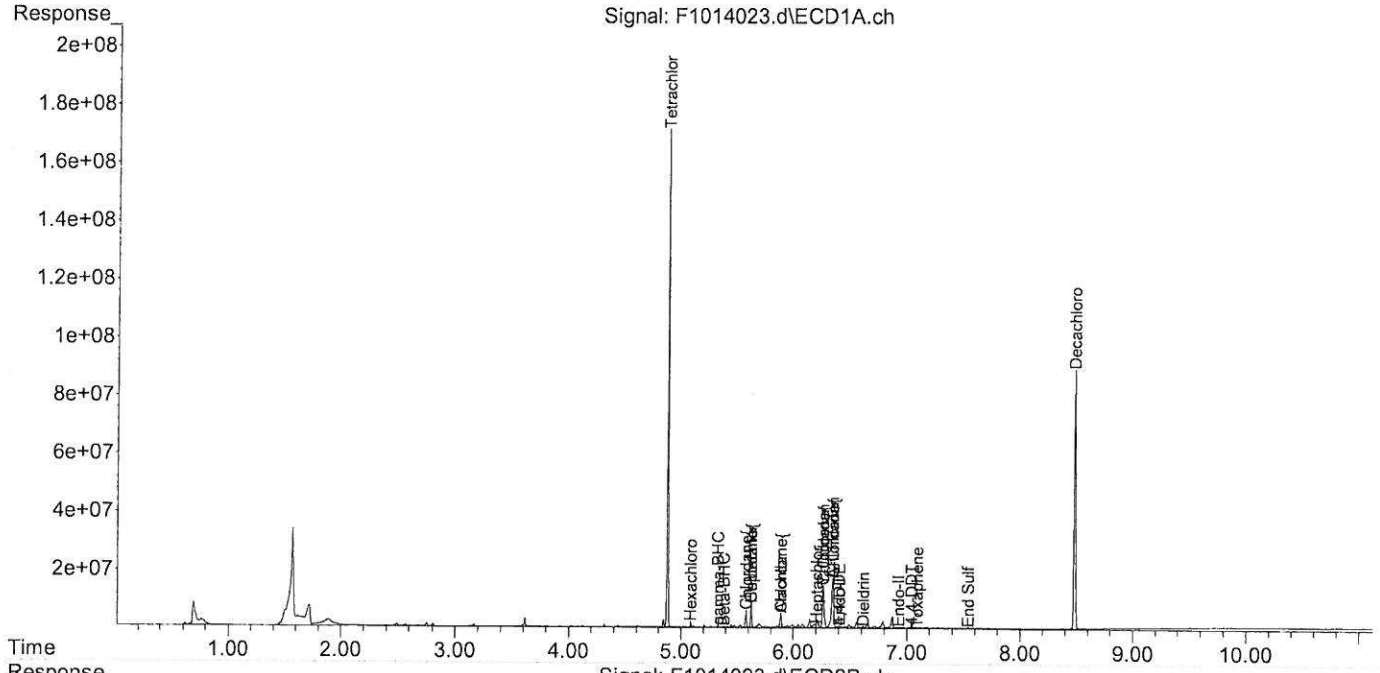
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

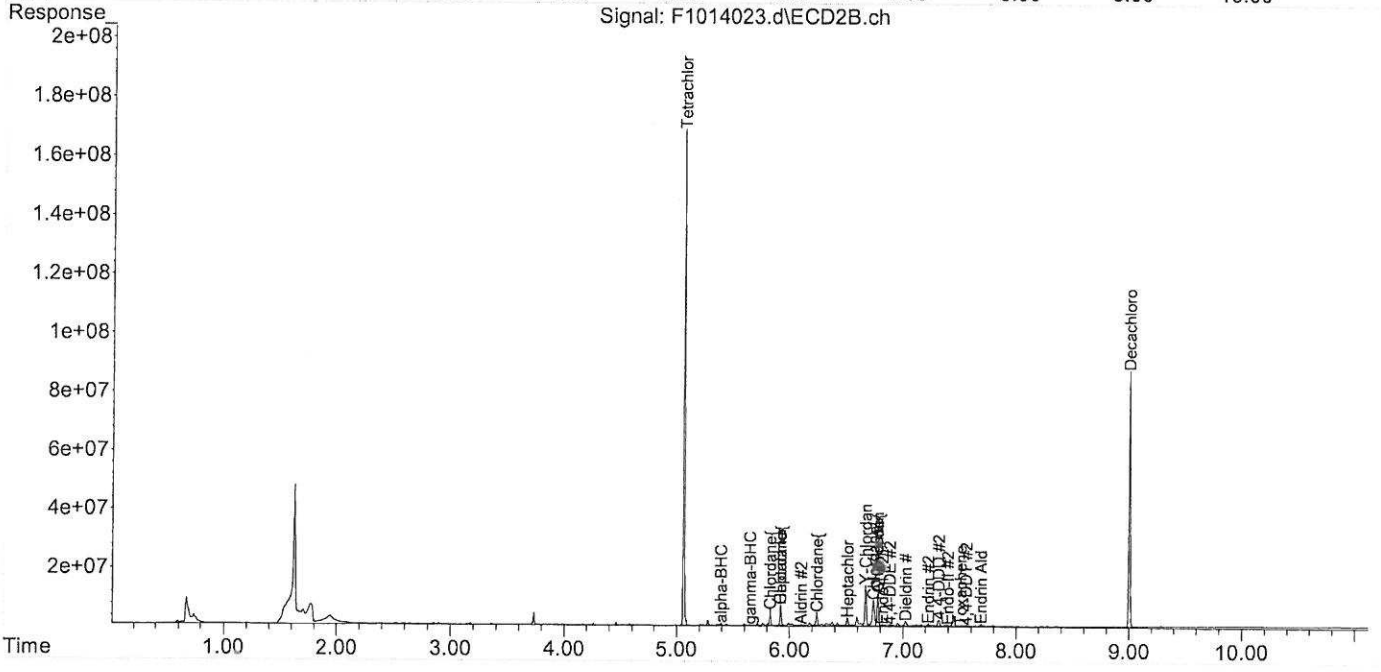
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 6:51 pm
Operator : JMB
Sample : S001304-CAL3 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:44 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:09 pm
Operator : JMB
Sample : S001304-CAL4 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:46 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.879	5.060	2252.3E6	2378.8E6	234.518	240.902	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 117.26%	120.45%	
24)	S Decachlor...	8.481	9.001	1876.5E6	1685.9E6	236.168	238.176	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 118.08%	119.09%	
	Target Compounds							
2)	T Hexachlor...	5.087	5.317	26603022	894809	2.669	<MDL	#
3)	T alpha-BHC	0.000	5.391f	0	9476105	N.D.	0.670	
4)	T gamma-BHC	5.330f	5.649f	8156881	4424243	0.641	0.345	#
5)	T Beta-BHC	5.415f	5.714f	4487406	10112592	0.863	1.912	#
6)	T Delta-BHC	5.497	5.880	1515483	2014845	<MDL	0.159	#
7)	T Heptachlor	5.624	5.921	125.0E6	125.8E6	10.689	11.071	
8)	T Aldrin	5.783	6.104f	1004534	5290984	<MDL	0.480	#
9)	T Alachlor	5.889	6.068	90987667	2644968	67.097	N.D.	#
10)	T Heptachlo...	6.192f	6.509f	32890113	58606237	3.245	5.761	#
11)	T Y-Chlordane	6.263	6.668	309.9E6	288.0E6	29.406	27.246	
12)	T A-Chlordane	6.346	6.776	477.5E6	237.0E6	46.585	23.065	#
13)	T 4,4-DDE	6.404	6.881f	19927600	17715162	1.984	1.774	
14)	T Endo-I	6.404f	6.817	19927600	18119773	2.097	1.908	
15)	T Dieldrin	6.613f	7.022	8075713	47862221	0.783	4.480	#
16)	T Endrin	0.000	7.222	0	16778018	N.D.	1.774	
17)	T 4,4-DDD	0.000	7.313f	0	52504052	N.D.	6.748	
18)	T Endo-II	6.904	7.394	1695178	14818043	0.187	1.650	#
19)	T 4,4-DDT	7.040f	7.556f	21378160	6065822	2.539	0.716	#
20)	T Endrin Al...	7.233f	7.687f	1819193	18103472	0.232	2.358	#
21)	T Methoxychlor	0.000	8.097f	0	1443221	N.D.	0.370	
22)	T End Sulf	7.538	7.899f	6932909	1412383	0.823	0.169	#
23)	T Endrin Ke...	0.000	8.276	0	3594027	N.D.	0.367	
25)	L8 Chlordane{1}	5.577	5.827	90272232	88411164	207.766	210.926	
26)	L8 Chlordane{2}	5.624	5.921	125.0E6	125.8E6	209.409	214.289	
27)	L8 Chlordane{3}	5.889	6.240	90987667	88644997	200.570	206.236	
28)	L8 Chlordane{4}	6.263	6.738	309.9E6	239.8E6	210.863	214.418	
29)	L8 Chlordane{5}	6.346	6.776	477.5E6	237.0E6	212.794	214.854	
	Sum Chlordane			1093.6E6	779.6E6	1041.403	1060.722	
Average	Chlordane					208.281	212.144	
30)	H Toxaphene	7.100	7.500	1567.2E6	1483.7E6	185.209	248.116	#

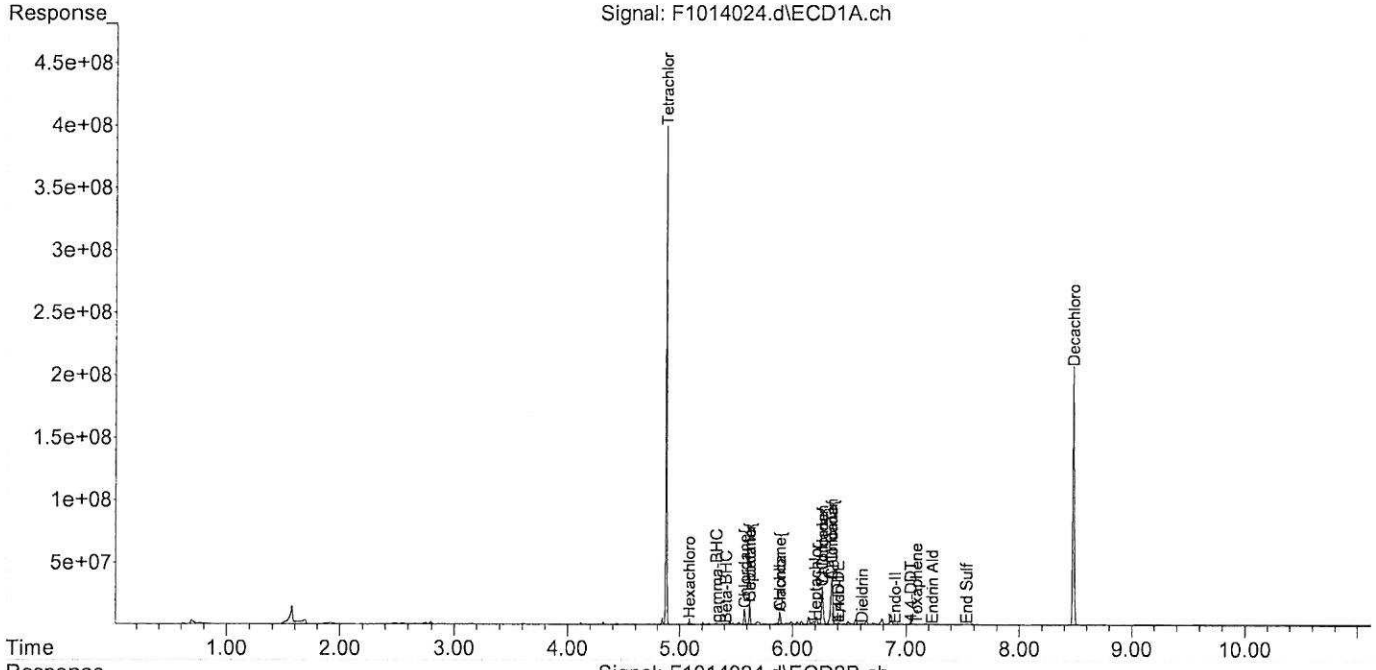
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

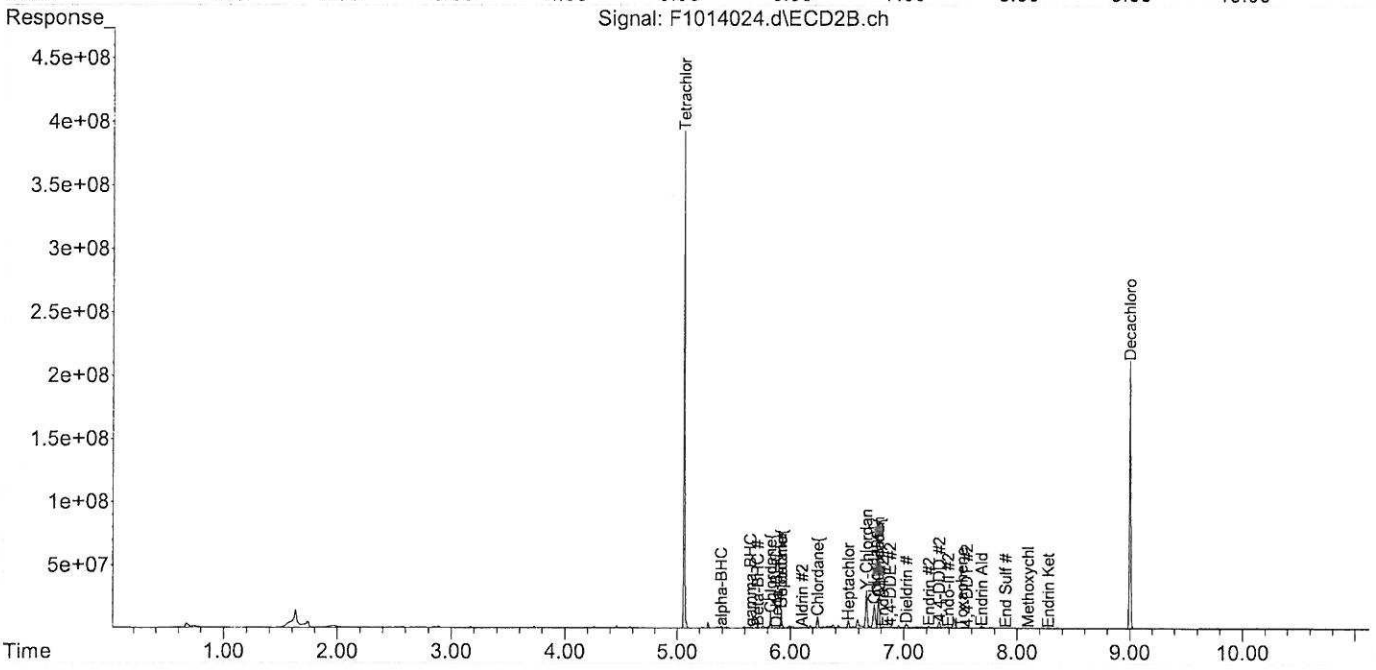
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:09 pm
Operator : JMB
Sample : S001304-CAL4 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:46 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:27 pm
Operator : JMB
Sample : S001304-CAL5 Inst : ECD 6
Misc : CHLOR 250
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:48 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.878	5.060	2685.3E6	2849.5E6	279.602	288.566	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 139.80%	144.28%	
24)	S Decachlor...	8.481	9.000	2168.4E6	1985.6E6	272.905	280.511	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 136.45%	140.26%	
	Target Compounds							
2)	T Hexachlor...	5.086	0.000	31811158	0	3.191	N.D.	#
3)	T alpha-BHC	0.000	5.391f	0	11469591	N.D.	0.811	
4)	T gamma-BHC	5.329f	5.649f	10049014	5229401	0.789	0.408	#
5)	T Beta-BHC	5.414	5.714f	5542944	11031279	1.066	2.086	#
6)	T Delta-BHC	5.516f	5.880	4023238	2031576	0.317	0.160	#
7)	T Heptachlor	5.623	5.922	153.3E6	152.5E6	13.117	13.416	
8)	T Aldrin	5.781	6.104f	2011604	6225603	0.182	0.565	#
9)	T Alachlor	5.888	6.068	111.5E6	3058502	83.192	N.D.	#
10)	T Heptachlo...	6.191f	6.510f	42172309	70391213	4.161	6.919	#
11)	T Y-Chlordane	6.261	6.668	377.6E6	349.0E6	35.830	33.013	
12)	T A-Chlordane	6.346	6.776	578.1E6	284.7E6	56.400	27.708	#
13)	T 4,4-DDE	6.403	6.881f	24178107	21152445	2.407	2.118	
14)	T Endo-I	6.403f	6.817	24178107	21527177	2.544	2.266	
15)	T Dieldrin	6.612f	7.022	12426615	57042410	1.205	5.340	#
16)	T Endrin	6.749	7.221	5913846	20043423	0.609	2.120	#
17)	T 4,4-DDD	0.000	7.313f	0	62818702	N.D.	8.073	
18)	T Endo-II	6.903	7.393	5284386	17604084	0.584	1.960	#
19)	T 4,4-DDT	7.040f	7.556f	28777901	7407624	3.418	0.874	#
20)	T Endrin Al...	7.234f	7.686f	1984703	21145236	0.253	2.754	#
21)	T Methoxychlor	0.000	8.096f	0	1766764	N.D.	0.453	
22)	T End Sulf	7.537	7.898f	6478115	1693381	0.769	0.203	#
23)	T Endrin Ke...	0.000	8.276	0	4195523	N.D.	0.428	
25)	L8 Chlordane{1}	5.576	5.827	110.9E6	108.1E6	255.288	257.914	
26)	L8 Chlordane{2}	5.623	5.922	153.3E6	152.5E6	256.958	259.681	
27)	L8 Chlordane{3}	5.888	6.240	111.5E6	105.9E6	245.848	246.320	
28)	L8 Chlordane{4}	6.261	6.738	377.6E6	288.0E6	256.928	257.538	
29)	L8 Chlordane{5}	6.346	6.776	578.1E6	284.7E6	257.625	258.100	
	Sum Chlordane			1331.4E6	939.1E6	1272.648	1279.553	
Average	Chlordane					254.530	255.911	
30)	H Toxaphene	7.100	7.500	1856.8E6	1768.6E6	219.424	295.764	#

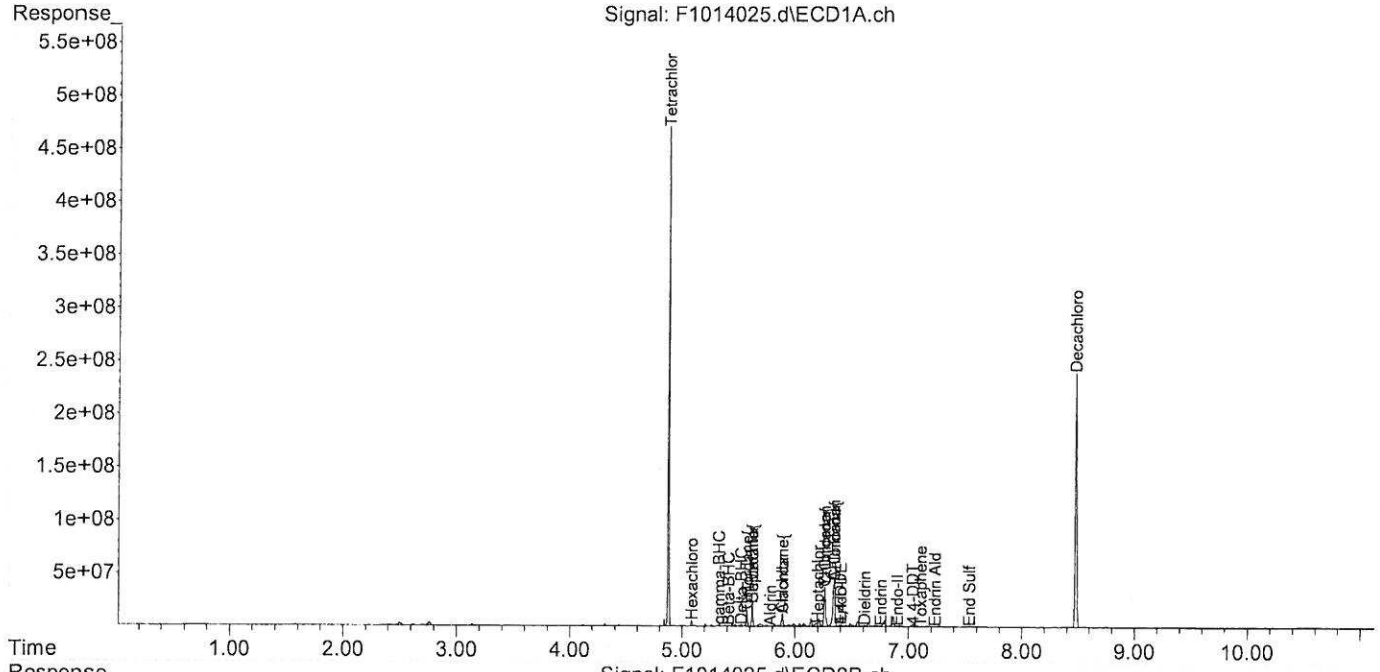
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

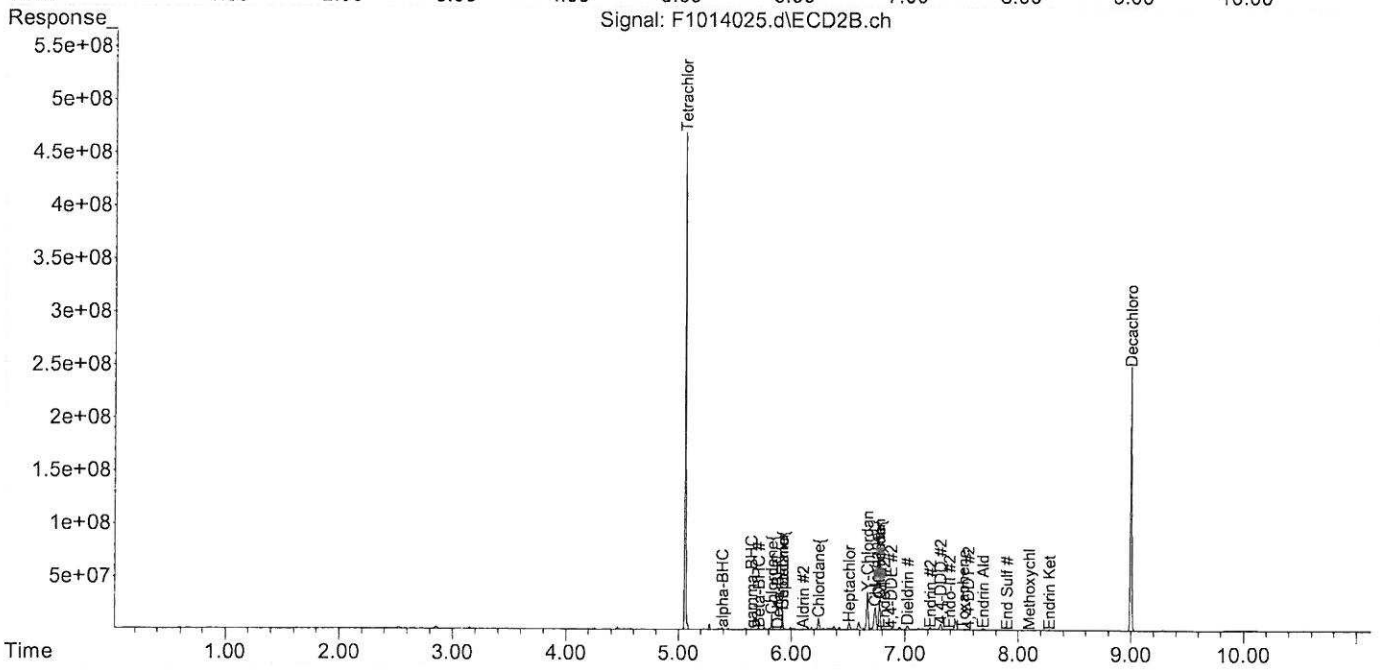
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:27 pm
Operator : JMB
Sample : S001304-CAL5 Inst : ECD 6
Misc : CHLOR 250
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:48 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014026.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:45 pm
Operator : JMB
Sample : S001304-CAL6 Inst : ECD 6
Misc : CHLOR 500
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:50 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	4.878	5.060	5268.3E6	5617.4E6	548.559	568.862	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 274.28%	284.43%	
24) S	Decachlor...	8.481	9.001	4253.8E6	3964.4E6	535.360	560.071	
	Spiked Amount	200.000	Range	60 - 300	Recovery	= 267.68%	280.04%	
	Target Compounds							
2) T	Hexachlor...	5.086	5.316	63864894	1420813	6.407	<MDL	#
3) T	alpha-BHC	0.000	5.391f	0	22865245	N.D.	1.616	
4) T	gamma-BHC	5.362	5.648	1281814	10351618	<MDL	0.807	#
5) T	Beta-BHC	5.414	5.714f	11515197	21845018	2.215	4.131	#
6) T	Delta-BHC	5.497	5.880	2468333	3643513	0.194	0.287	#
7) T	Heptachlor	5.623	5.921	309.6E6	309.3E6	26.482	27.215	
8) T	Aldrin	5.781	6.103f	4505227	12201692	0.409	1.107	#
9) T	Alachlor	5.888	6.067	219.5E6	5942219	167.825	0.439	#
10) T	Heptachlo...	6.191f	6.509f	83891821	142.8E6	8.277	14.036	#
11) T	Y-Chlordane	6.261	6.668	755.8E6	705.3E6	71.718	66.722	
12) T	A-Chlordane	6.346	6.775	1150.8E6	576.1E6	112.278	56.075	#
13) T	4,4-DDE	6.403	6.880f	49407659	41340533	4.919	4.140	
14) T	Endo-I	6.403f	6.816	49407659	42297570	5.198	4.453	
15) T	Dieldrin	6.612f	7.021	25433943	115.0E6	2.467	10.769	#
16) T	Endrin	6.749	7.221	13002369	39990620	1.338	4.229	#
17) T	4,4-DDD	0.000	7.312f	0	126.7E6	N.D.	16.288	
18) T	Endo-II	6.902	7.392	11356442	35617212	1.254	3.966	#
19) T	4,4-DDT	7.039f	7.590	60159066	5742851	7.146	0.678	#
20) T	Endrin Al...	7.233f	7.686f	5538430	41948936	0.707	5.463	#
21) T	Methoxychlor	0.000	8.124	0	1903168	N.D.	0.488	
22) T	End Sulf	7.537	7.899f	17811536	3291630	2.114	0.395	#
23) T	Endrin Ke...	7.726f	8.275	587152	8604977	<MDL	0.878	#
25) L8	Chlordane{1}	5.576	5.827	225.8E6	220.6E6	519.782	526.232	
26) L8	Chlordane{2}	5.623	5.921	309.6E6	309.3E6	518.790	526.775	
27) L8	Chlordane{3}	5.888	6.240	219.5E6	207.2E6	483.944	481.973	
28) L8	Chlordane{4}	6.261	6.737	755.8E6	584.9E6	514.268	523.019	
29) L8	Chlordane{5}	6.346	6.775	1150.8E6	576.1E6	512.865	522.343	
	Sum Chlordane			2661.5E6	1898.1E6	2549.650	2580.341	
Average	Chlordane					509.930	516.068	
30) H	Toxaphene	7.100	7.500	3640.3E6	3530.0E6	430.187	590.328	#

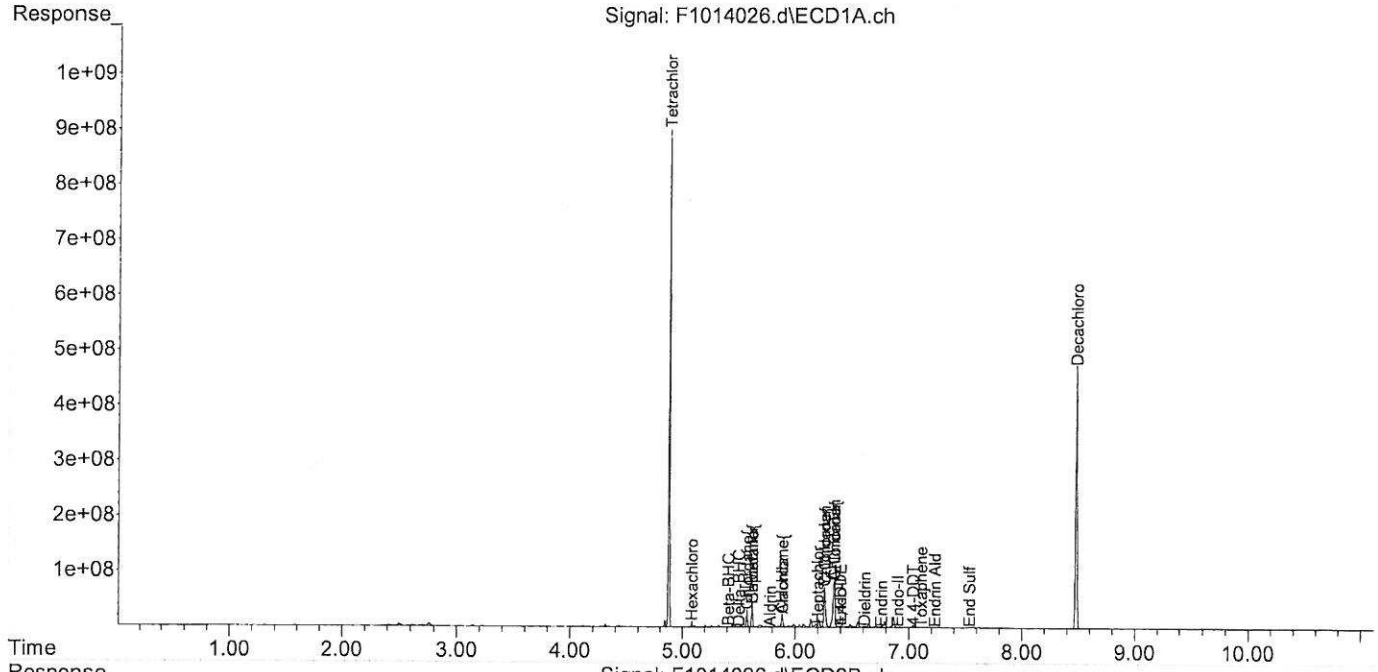
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

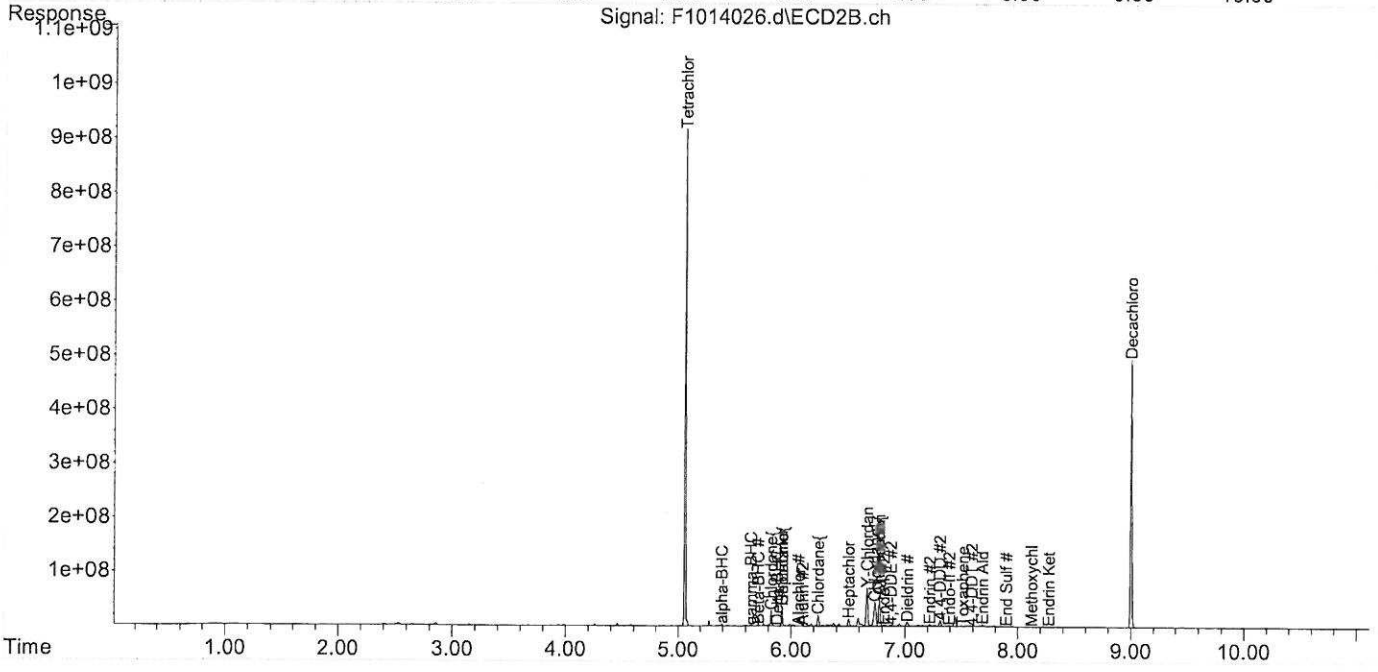
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014026.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 7:45 pm
Operator : JMB
Sample : S001304-CAL6 Inst : ECD 6
Misc : CHLOR 500
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:50 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 8:19 pm
Operator : JMB
Sample : S001304-ICV1 Inst : ECD 6
Misc : CHLOR ICV 100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:54 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1) S	Tetrachlo...	0.000	5.078f	0	12917801	N.D.	1.308	
Spiked Amount		200.000 Range	60 - 300	Recovery	=	0.00%#	0.65%#	
24) S	Decachlor...	8.476	8.999	3123859	1221859	0.393	0.173	#
Spiked Amount		200.000 Range	60 - 300	Recovery	=	0.20%#	0.09%#	
	Target Compounds							
2) T	Hexachlor...	0.000	0.000	0	0	N.D.	N.D.	
3) T	alpha-BHC	0.000	5.440f	0	2765908	N.D.	0.196	
4) T	gamma-BHC	5.327f	5.646	3999705	1807273	0.314	<MDL	#
5) T	Beta-BHC	5.412	5.711f	2325705	4495666	0.447	0.850	#
6) T	Delta-BHC	5.471f	0.000	4402590	0	0.347	N.D.	#
7) T	Heptachlor	5.620	5.919	57226591	55850071	4.896	4.915	
8) T	Aldrin	0.000	6.100f	0	1661588	N.D.	0.151	
9) T	Alachlor	5.886	0.000	44319886	0	30.531	N.D.	#
10) T	Heptachlo...	6.188	6.506f	16305366	27017390	1.609	2.656	#
11) T	Y-Chlordane	6.259	6.665	142.8E6	133.1E6	13.547	12.588	
12) T	A-Chlordane	6.342	6.772	223.6E6	109.0E6	21.815	10.610	#
13) T	4,4-DDE	6.399	6.877f	7821648	4959073	0.779	0.497	#
14) T	Endo-I	6.454f	0.000	3981545	0	0.419	N.D.	#
15) T	Dieldrin	6.610f	7.018	4215238	22436527	0.409	2.100	#
16) T	Endrin	0.000	7.247	0	2753694	N.D.	0.291	
17) T	4,4-DDD	0.000	7.310f	0	25628059	N.D.	3.294	
18) T	Endo-II	6.922	7.390	1516632	6100767	0.167	0.679	#
19) T	4,4-DDT	7.036f	7.584	13960781	4877126	1.658	0.576	#
20) T	Endrin Al...	7.228	7.683f	1529375	9904286	0.195	1.290	#
21) T	Methoxychlor	0.000	0.000	0	0	N.D.	N.D.	
22) T	End Sulf	7.534	0.000	3203829	0	0.380	N.D.	#
23) T	Endrin Ke...	0.000	8.273	0	1092105	N.D.	<MDL	
25) L8	Chlordane{1}	5.574	5.824	40915156	38708238	94.168	92.348	
26) L8	Chlordane{2}	5.620	5.919	57226591	55850071	95.907	95.133	
27) L8	Chlordane{3}	5.886	6.237	44319886	40827658	97.697	94.987	
28) L8	Chlordane{4}	6.259	6.734	142.8E6	109.8E6	97.140	98.146	
29) L8	Chlordane{5}	6.342	6.772	223.6E6	109.0E6	99.646	98.836	
Sum Chlordane				508.8E6	354.2E6	484.558	479.450	
Average Chlordane						96.912	95.890	
30) H	Toxaphene	7.100	7.500	771.7E6	731.1E6	91.199	122.269	#

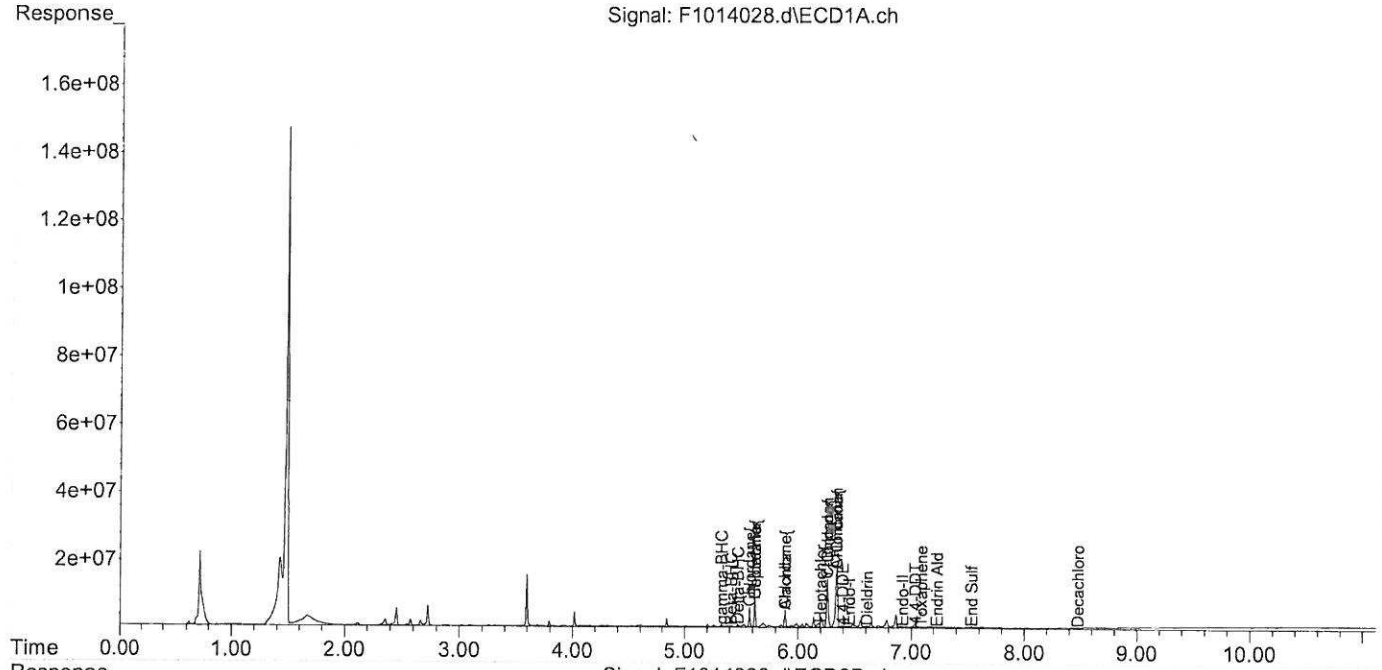
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

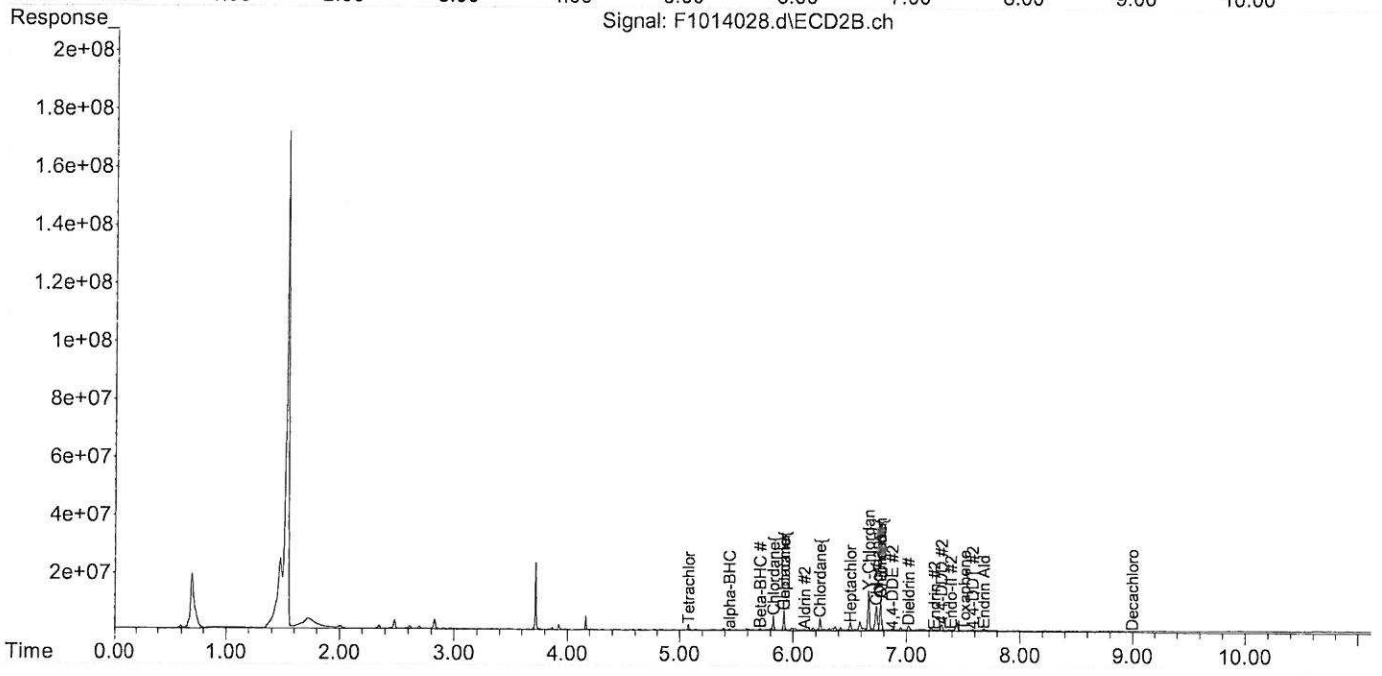
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\CHLOR 101411\
Data File : F1014028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2011 8:19 pm
Operator : JMB
Sample : S001304-ICV1 Inst : ECD 6
Misc : CHLOR ICV 100
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Oct 15 04:19:54 2011
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST101411C.M
Quant Title : PEST 10/14/11 CHLOR 10/14/11 TOX 10/06/11
QLast Update : Sat Oct 15 05:13:24 2011
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:56 pm
Operator : JMB
Sample : S001759-CAL1 Inst : ECD 6
Misc : TOX 50
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:06 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D.
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D.
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D.
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D.
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D.	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D.
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D.
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D.
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D.
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	345.4E6	383.7E6	NoCal	NoCal

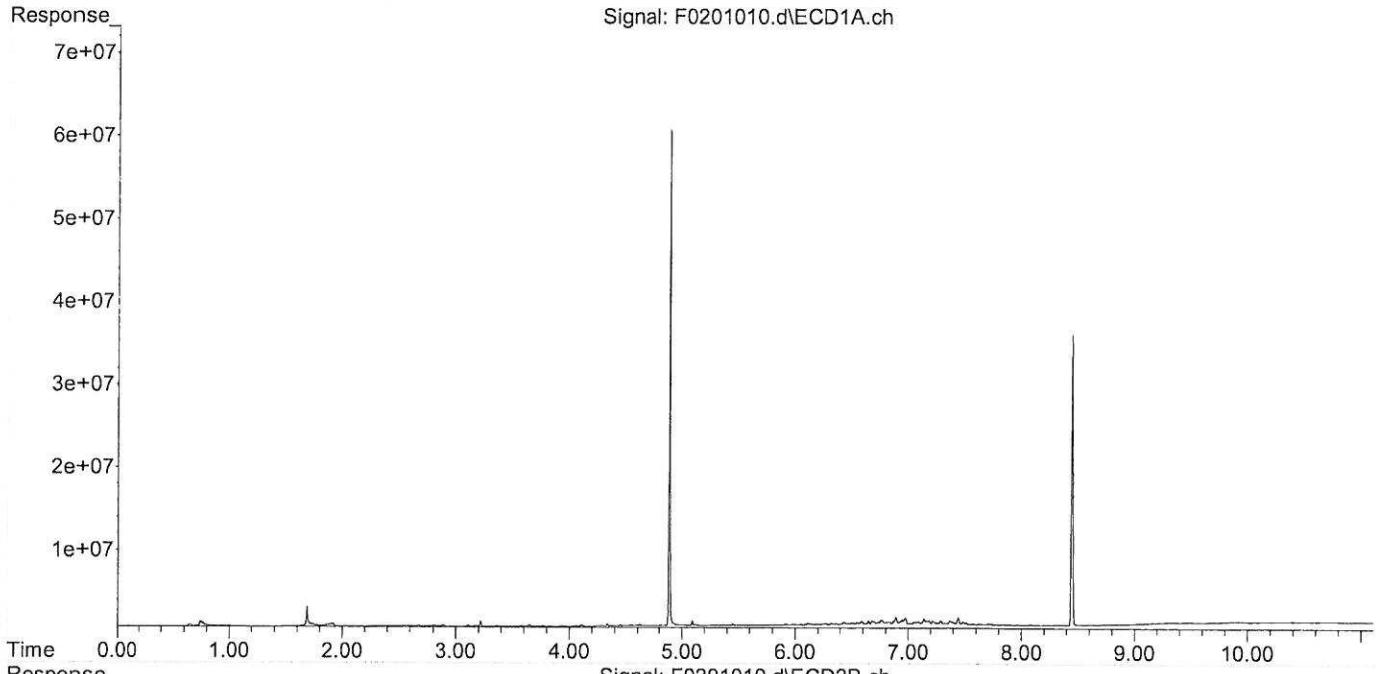
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

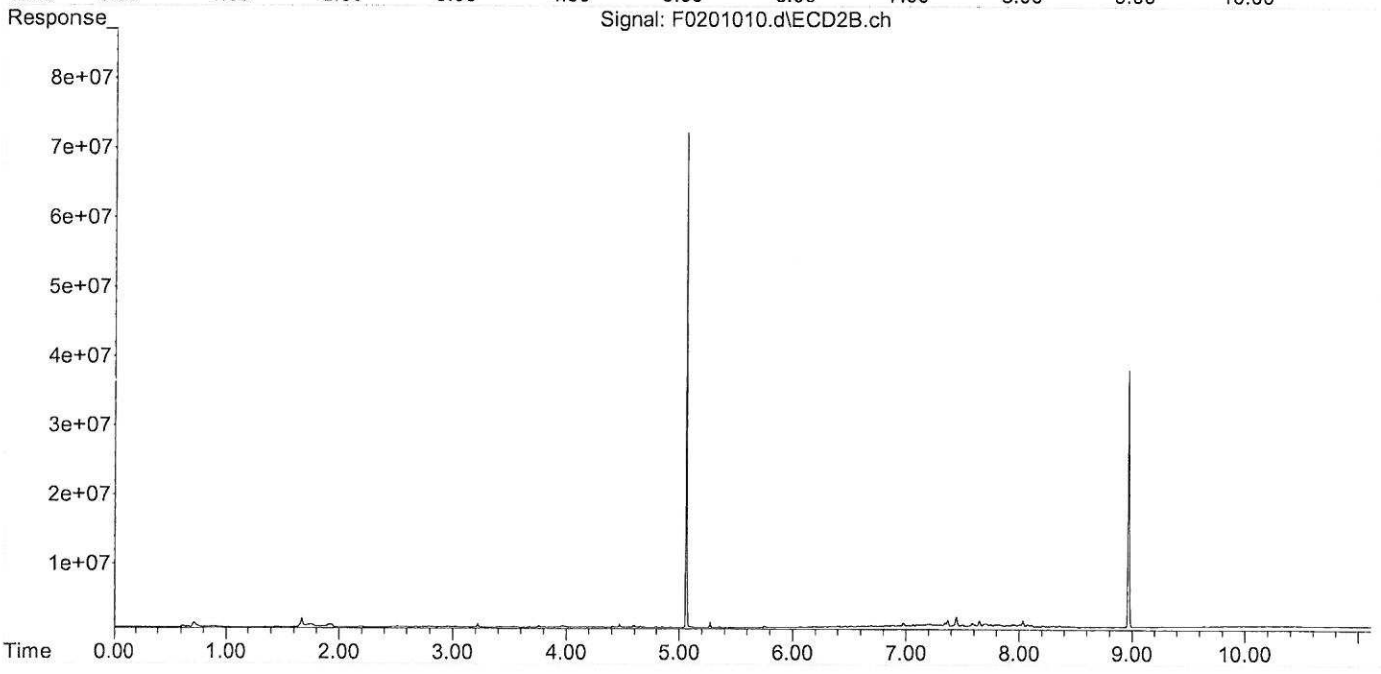
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201010.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:56 pm
Operator : JMB
Sample : S001759-CAL1 Inst : ECD 6
Misc : TOX 50
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:06 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201011.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:13 pm
Operator : JMB
Sample : S001759-CAL2 Inst : ECD 6
Misc : TOX 100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:07 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D.	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	677.9E6	739.6E6	98.139	96.374

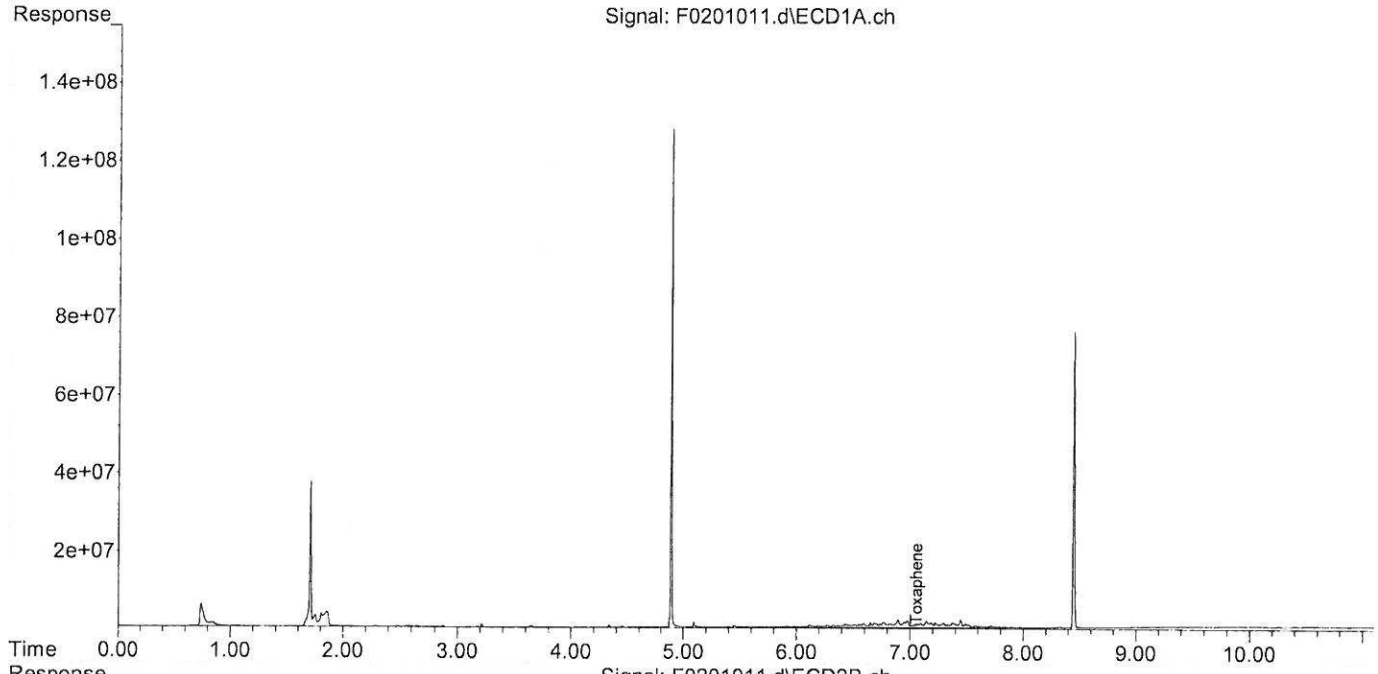
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

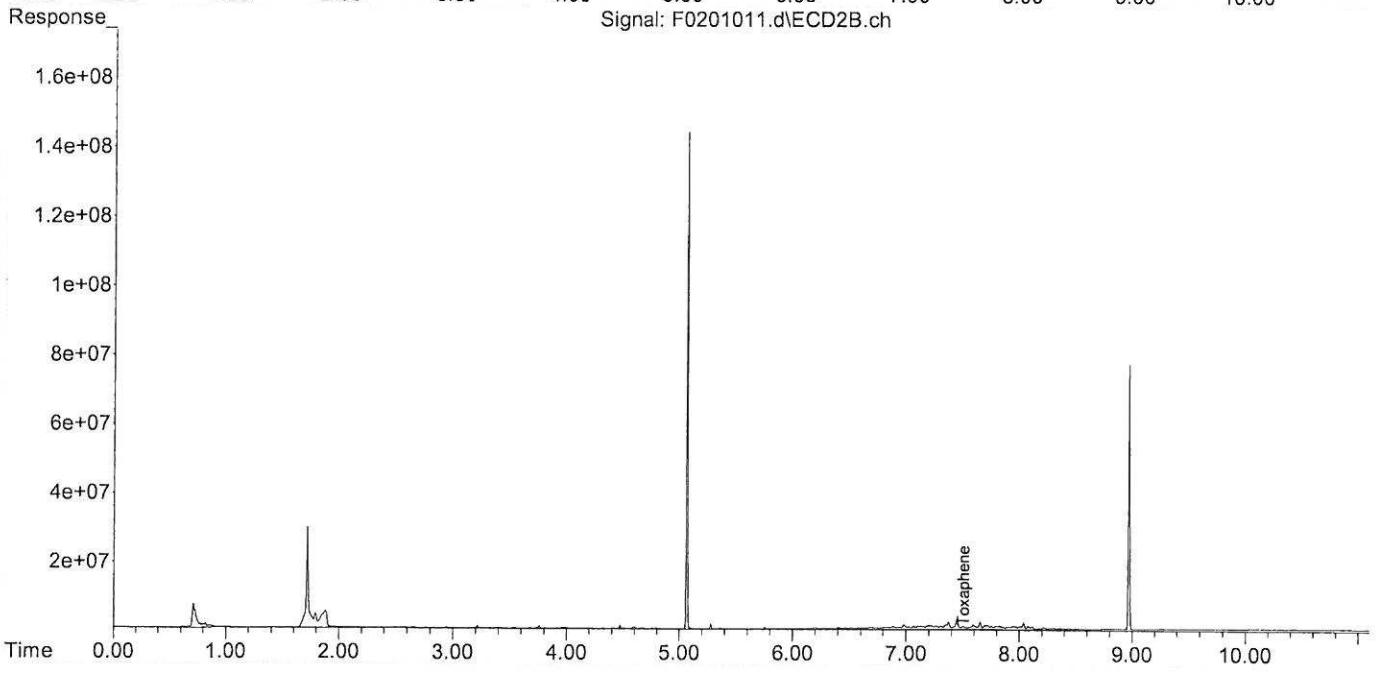
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201011.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:13 pm
Operator : JMB
Sample : S001759-CAL2 Inst : ECD 6
Misc : TOX 100
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:07 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:30 pm
Operator : JMB
Sample : S001759-CAL3 Inst : ECD 6
Misc : TOX 200
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:07 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D.
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	1368.1E6	1459.3E6	199.935	193.684

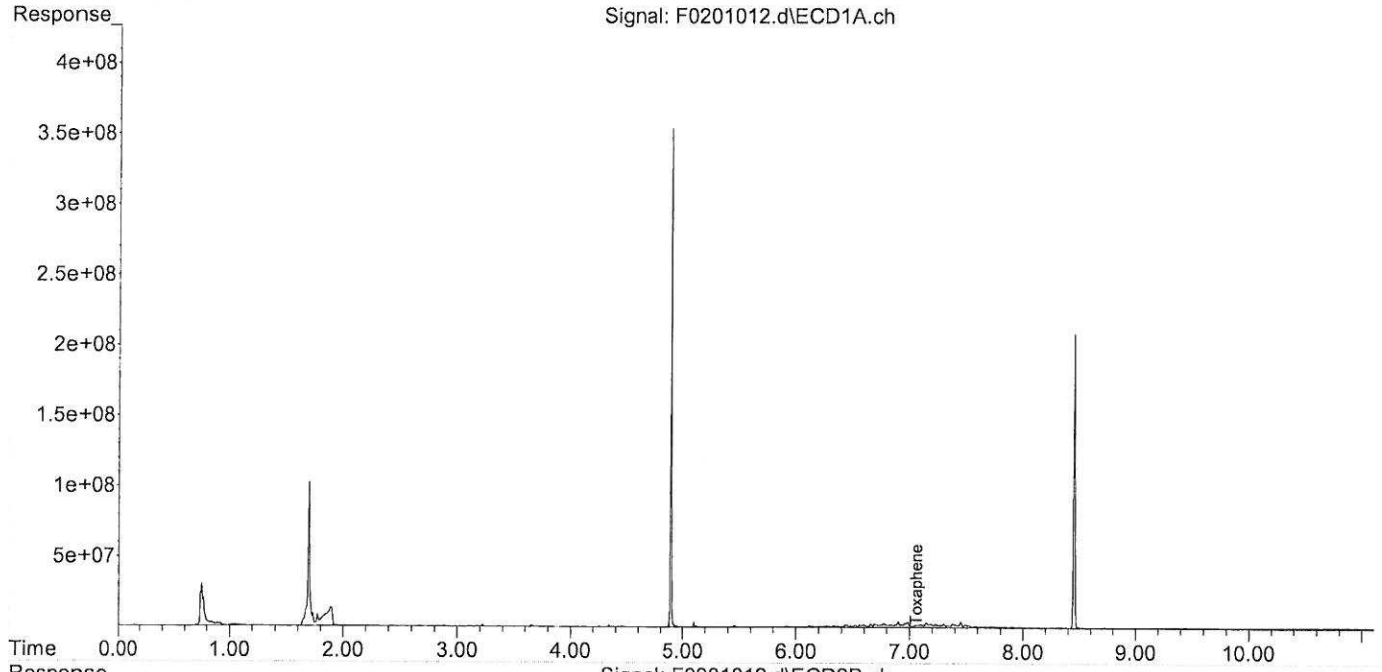
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

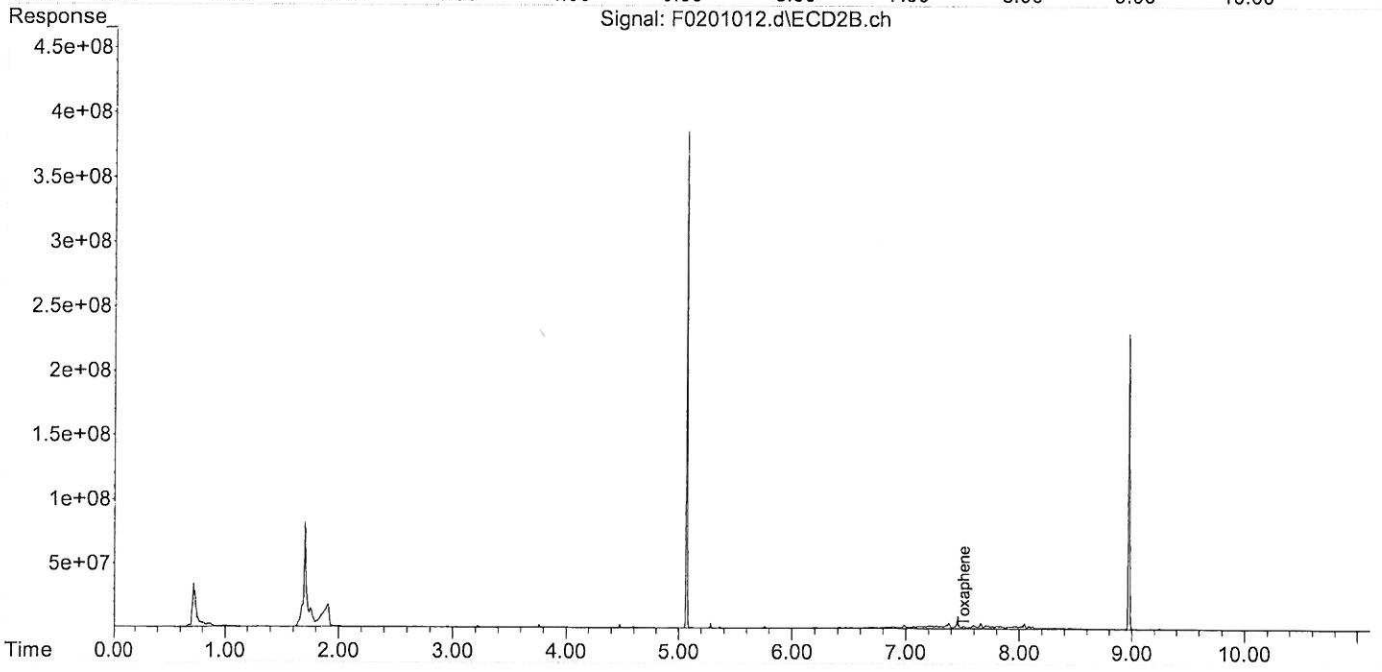
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201012.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:30 pm
Operator : JMB
Sample : S001759-CAL3 Inst : ECD 6
Misc : TOX 200
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:07 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:47 pm
Operator : JMB
Sample : S001759-CAL4 Inst : ECD 6
Misc : TOX 250
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D.
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D.
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D.
8) T	Aldrin	0.000	0.000	0	0	N.D.	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D.	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D.	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	2084.3E6	2129.6E6	304.635	285.641

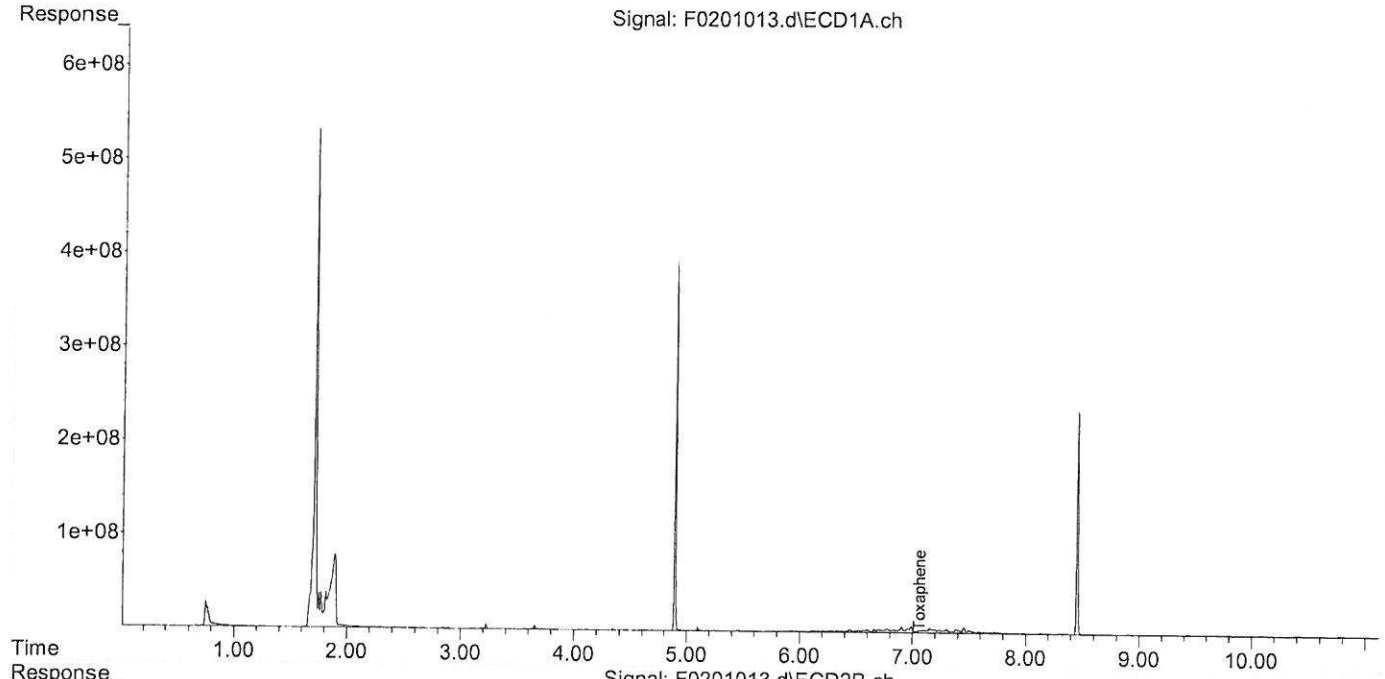
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

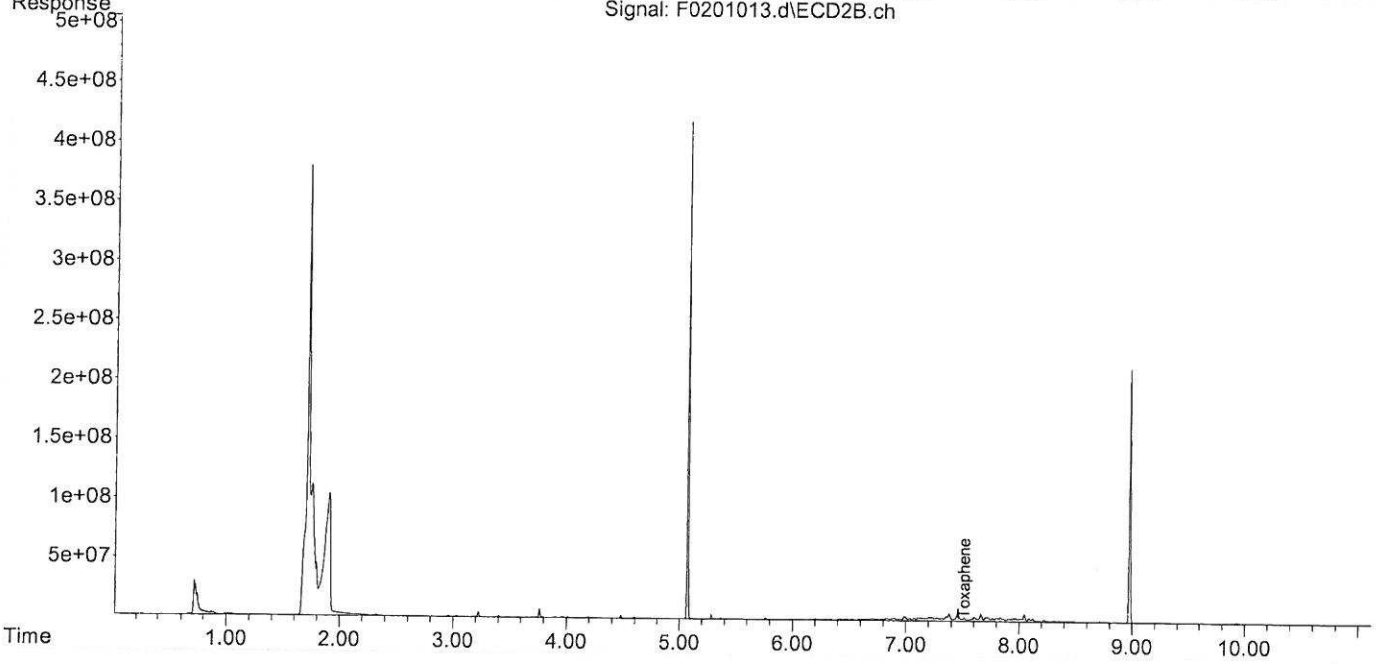
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201013.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:47 pm
Operator : JMB
Sample : S001759-CAL4 Inst : ECD 6
Misc : TOX 250
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:04 pm
Operator : JMB
Sample : S001759-CAL5 Inst : ECD 6
Misc : TOX 500
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D.	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	7.050	7.500	4225.9E6	4412.4E6	585.633	571.476

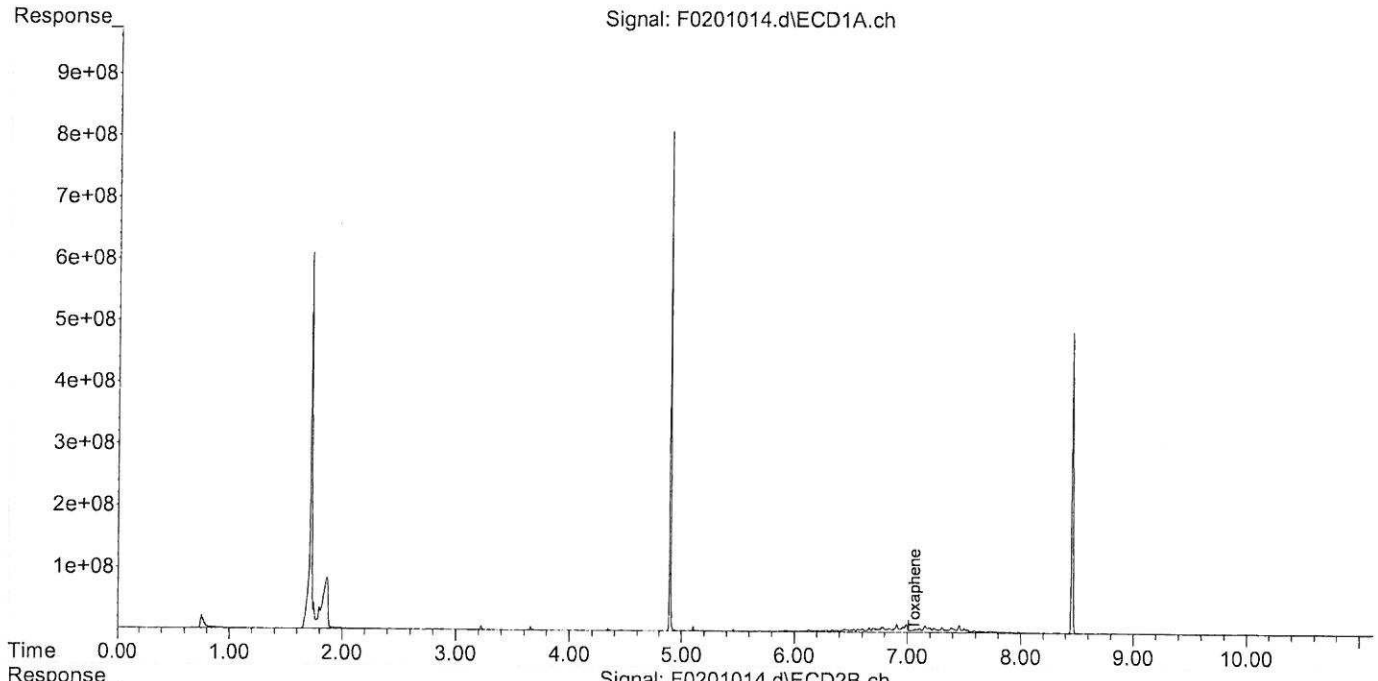
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

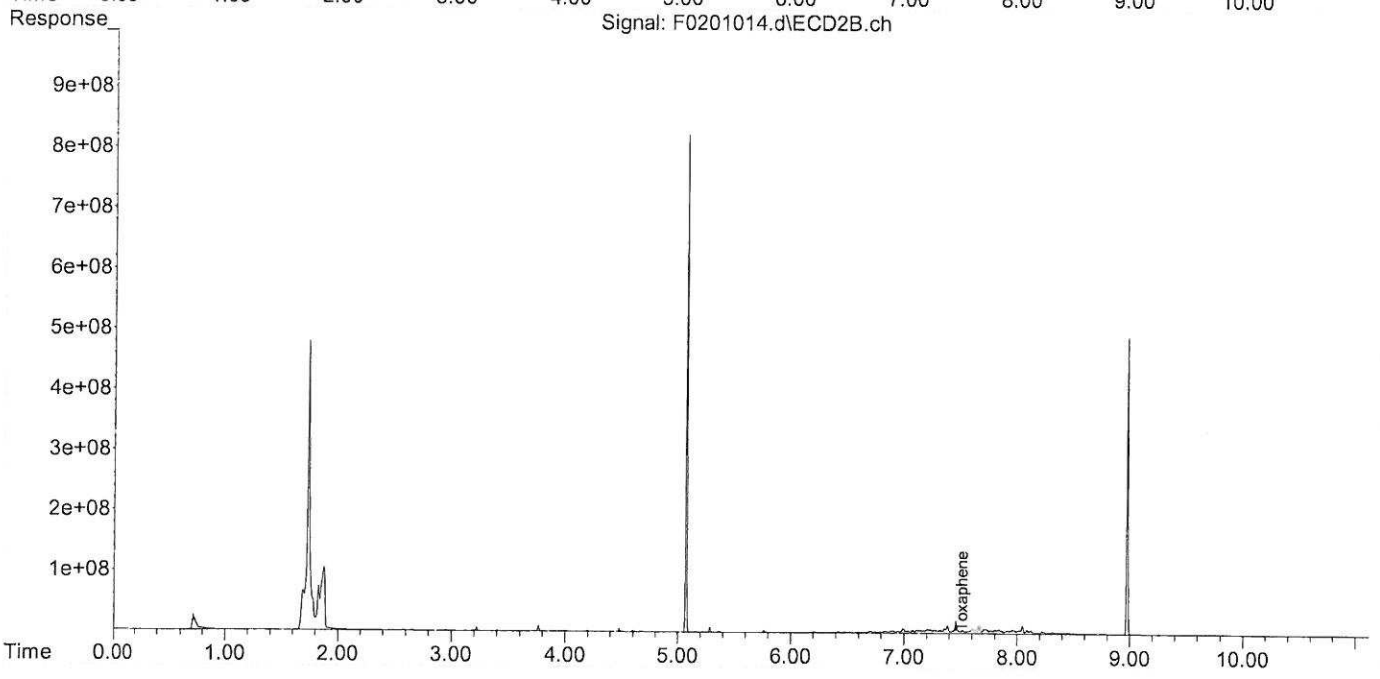
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201014.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:04 pm
Operator : JMB
Sample : S001759-CAL5 Inst : ECD 6
Misc : TOX 500
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:21 pm
Operator : JMB
Sample : S001759-CAL6 Inst : ECD 6
Misc : TOX 750
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
24) S	Decachlor...	0.000	0.000	0	0	N.D. d	N.D. d
	Spiked Amount	200.000	Range 60 - 300	Recovery	=	0.00%#	0.00%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D.
3) T	alpha-BHC	0.000	0.000	0	0	N.D.	N.D.
4) T	gamma-BHC	0.000	0.000	0	0	N.D.	N.D.
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D.	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D.	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D.
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D.	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	7.050	7.500	5283.8E6	5457.7E6	707.995	687.212

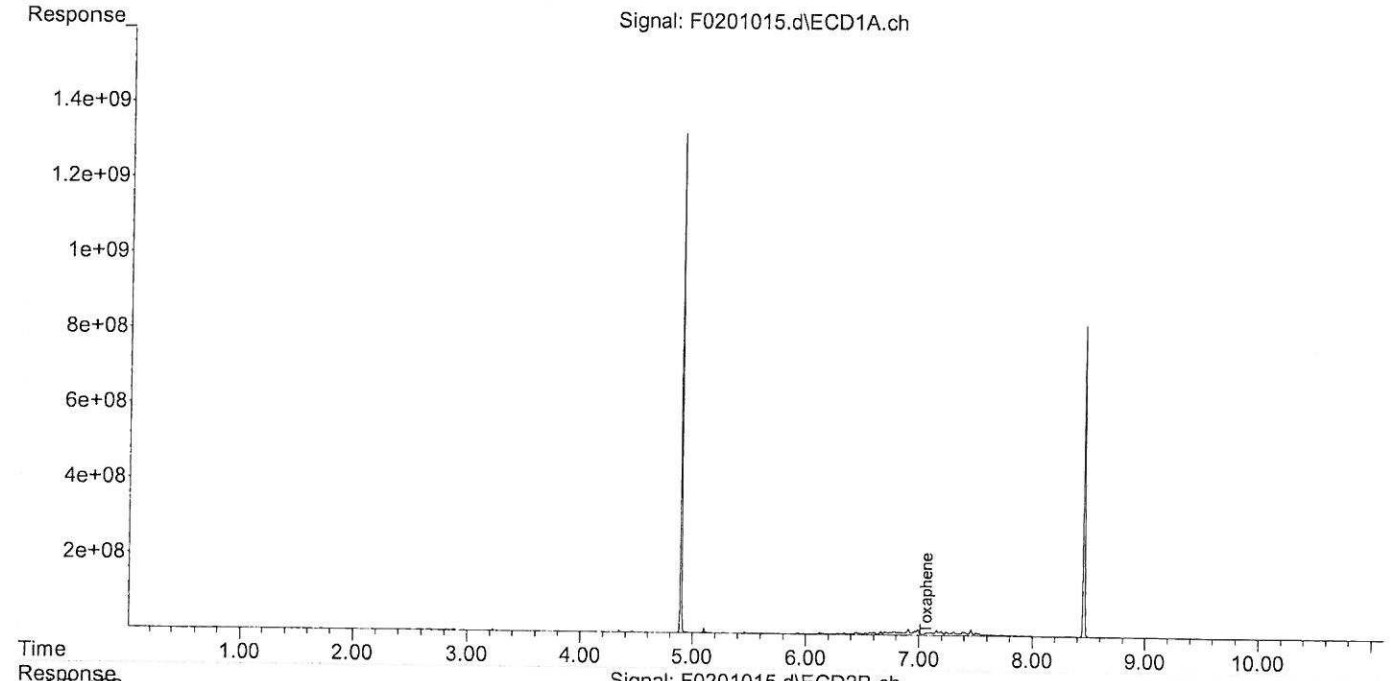
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

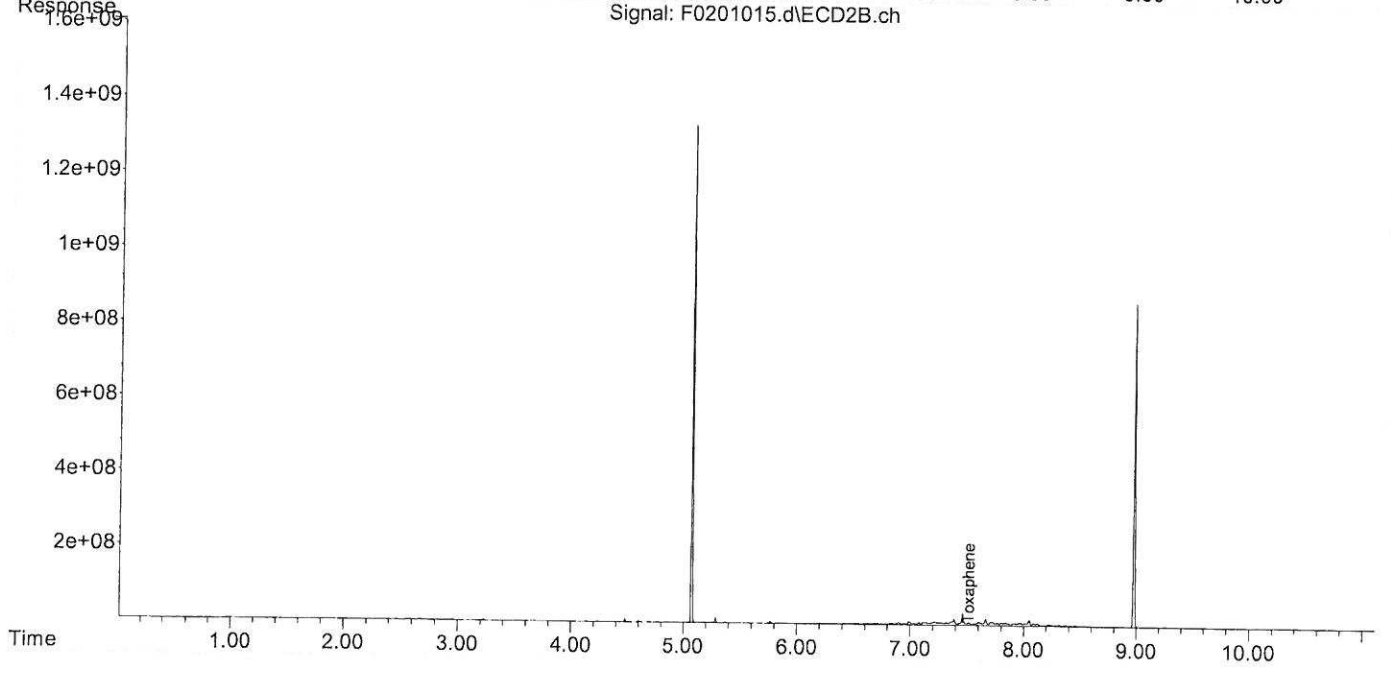
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201015.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:21 pm
Operator : JMB
Sample : S001759-CAL6 Inst : ECD 6
Misc : TOX 750
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 14:52:09 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : S001759-ICV1 Inst : ECD 6
Misc : TOX ICV 250
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:40:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	4.899	5.073	1146068	1177324	<MDL	<MDL	#
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#	
24)	S Decachlor...	0.000	0.000	0	0	N.D.	N.D.	
	Spiked Amount	200.000	Range 60 - 300		Recovery =	0.00%#	0.00%#	
	Target Compounds							
2)	T Hexachlor...	0.000	0.000	0	0	N.D.	N.D.	
3)	T alpha-BHC	0.000	0.000	0	0	N.D.	N.D.	
4)	T gamma-BHC	0.000	0.000	0	0	N.D.	N.D.	
5)	T Beta-BHC	0.000	0.000	0	0	N.D.	N.D.	
6)	T Delta-BHC	0.000	0.000	0	0	N.D.	N.D.	
7)	T Heptachlor	0.000	0.000	0	0	N.D.	N.D.	
8)	T Aldrin	0.000	0.000	0	0	N.D.	N.D.	
9)	T Alachlor	5.894	0.000	1830962	0	N.D.	N.D.	
10)	T Heptachlo...	6.154f	6.539f	4955928	18005716	0.462	1.628	#
11)	T Y-Chlordane	6.258	6.651	9036178	7817391	0.817	0.670	
12)	T A-Chlordane	6.336	6.743f	14802315	12058472	1.363	1.067	
13)	T 4,4-DDE	0.000	6.902	0	35507909	N.D.	3.274	
14)	T Endo-I	6.443	6.805	34033350	5353838	3.334	0.523	#
15)	T Dieldrin	6.584	6.991	12924816	41658361	1.186	3.722	#
16)	T Endrin	6.749	7.233	15950096	19572921	1.591	1.938	
17)	T 4,4-DDD	0.000	7.318	0	29382667	N.D.	3.312	
18)	T Endo-II	6.905	7.383	84284458	57267443	8.942	5.895	#
19)	T 4,4-DDT	6.989f	7.565	69008259	10481745	8.867	1.182	#
20)	T Endrin Al...	7.198	7.662f	33454227	67218809	3.861	8.160	#
21)	T Methoxychlor	7.385	8.088	37152219	31277391	9.394	7.112	
22)	T End Sulf	7.528	7.860	18261723	21068418	2.139	2.371	
23)	T Endrin Ke...	7.728	8.239	9480801	14207509	0.874	1.295	#
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D.	N.D.	
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D.	N.D.	
27)	L8 Chlordane{3}	5.894	6.220	1830962	6534457	4.036	15.203	#
28)	L8 Chlordane{4}	6.258	6.709	9036178	21415550	6.149	19.148	#
29)	L8 Chlordane{5}	6.336	6.743f	14802315	12058472	6.597	10.933	#
	Sum Chlordane			25669455	40008480	16.782	45.284	
Average Chlordane						5.594	15.095	
30)	H Toxaphene	7.500	7.050	1543.3E6	1689.1E6	208.744m	215.688m	

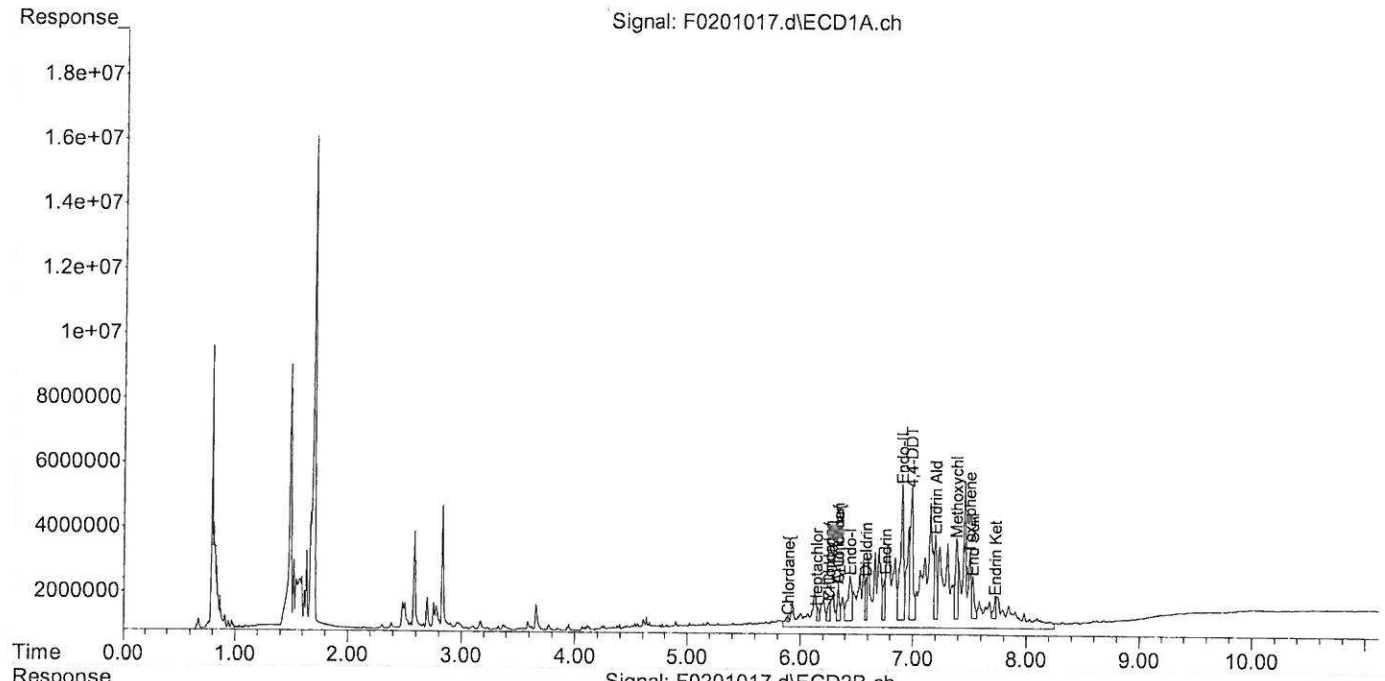
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

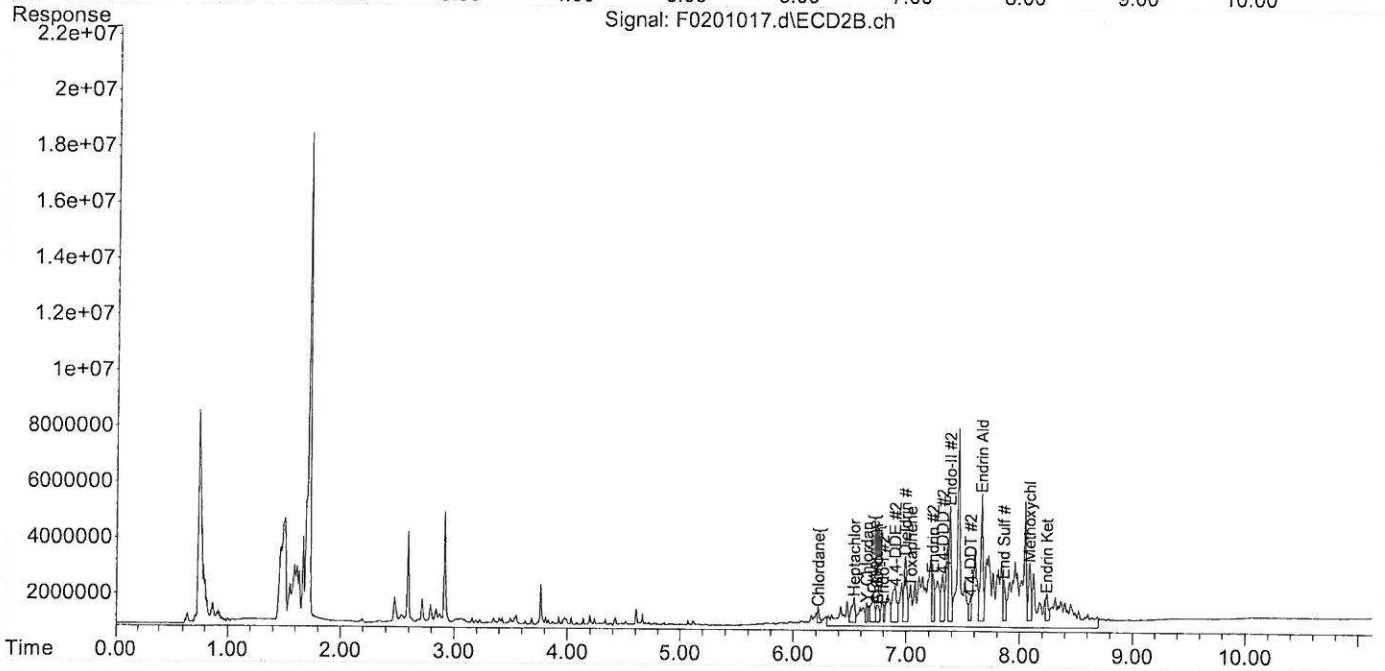
Quantitation Report (QT Reviewed)

Data Path : C:\Documents and Settings\ECD6\Desktop\Curves\TOX 020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : S001759-ICV1 Inst : ECD 6
Misc : TOX ICV 250
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:40:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



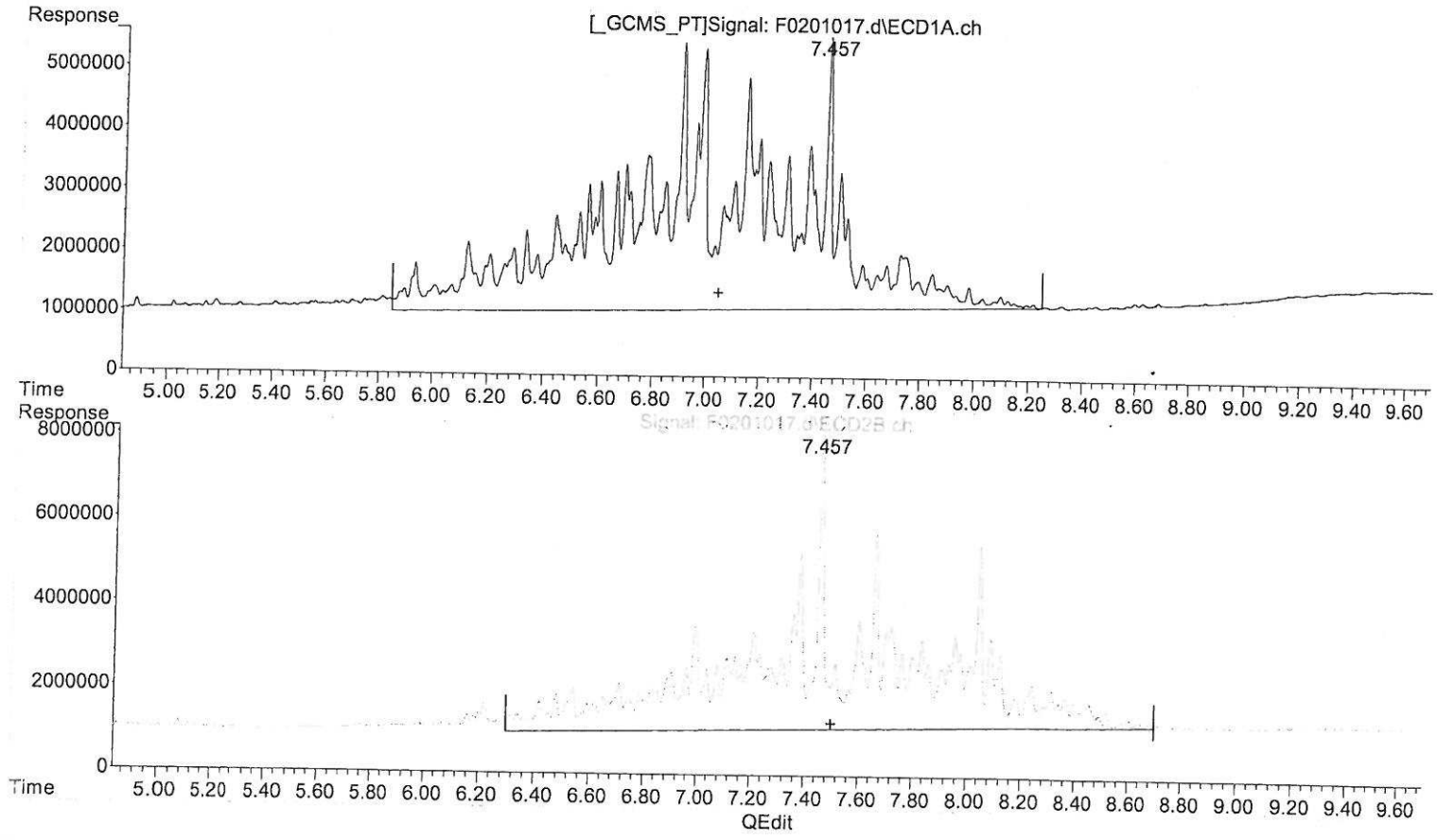


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : ICV STD TOX Inst : ECD 6
Misc : mix[h]
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:33:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(30) Toxaphene (H)

7.050min 195.891 ug/L

response 1448297281

(30) Toxaphene #2 (H)

7.500min 191.926 ug/L

response 1502979058

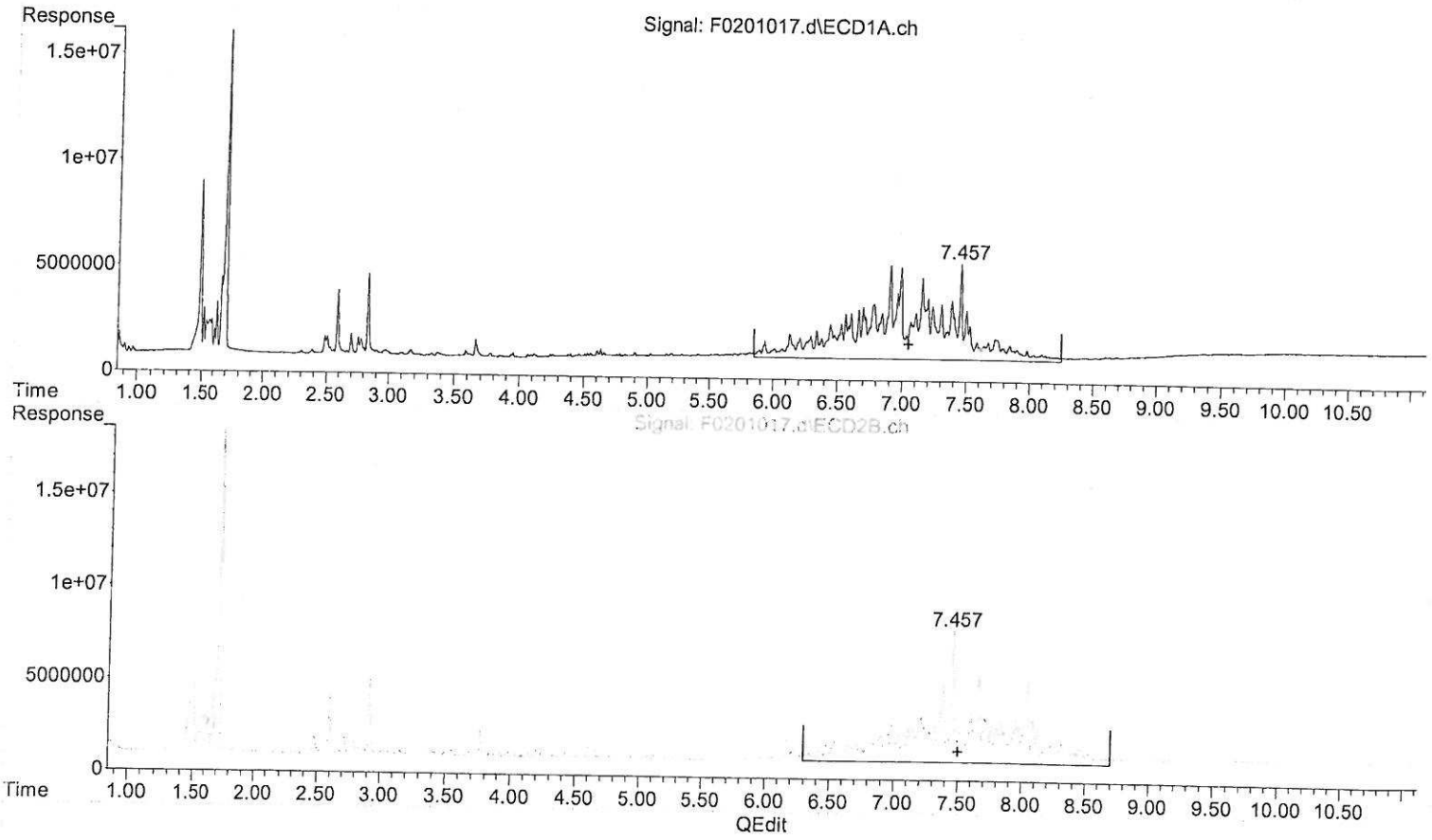
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201017.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:55 pm
Operator : JMB
Sample : ICV STD TOX
Inst : ECD 6
Misc : mix[h]
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 01 15:37:47 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :



(30) Toxaphene (H)

7.500min 208.744 ug/L m

response 1543327031

(30) Toxaphene #2 (H)

7.050min 215.688 ug/L m

response 1689058453

(+) = Expected Retention Time

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201023.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV1	Injection Time:	16:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	500	563	7393595	8331400		12.7	15
Toxaphene [2C]	A	500	554	7831106	8684200		10.9	15
Decachlorobiphenyl	A	500	454	8670293	7868800		-9.2	
Decachlorobiphenyl [2C]	A	500	447	8147007	7288200		-10.5	
Tetrachloro-m-xylene	A	500	482	9589208	9236600		-3.7	
Tetrachloro-m-xylene [2C]	A	500	435	1.048983E+07	9117400		-13.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:37 pm
Operator : JMB
Sample : S001743-CCV1 Inst : ECD 6
Misc : TOX 500
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:01:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.895	5.072	4618.3E6	4558.7E6	481.630	434.612
	Spiked Amount	200.000	Range 60 - 300	Recovery =		240.82%	217.31%
24) S	Decachlor...	8.453	8.974	3934.4E6	3644.1E6	453.792	447.314
	Spiked Amount	200.000	Range 60 - 300	Recovery =		226.90%	223.66%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	7.050	7.500	4165.7E6	4342.1E6	563.442	554.480

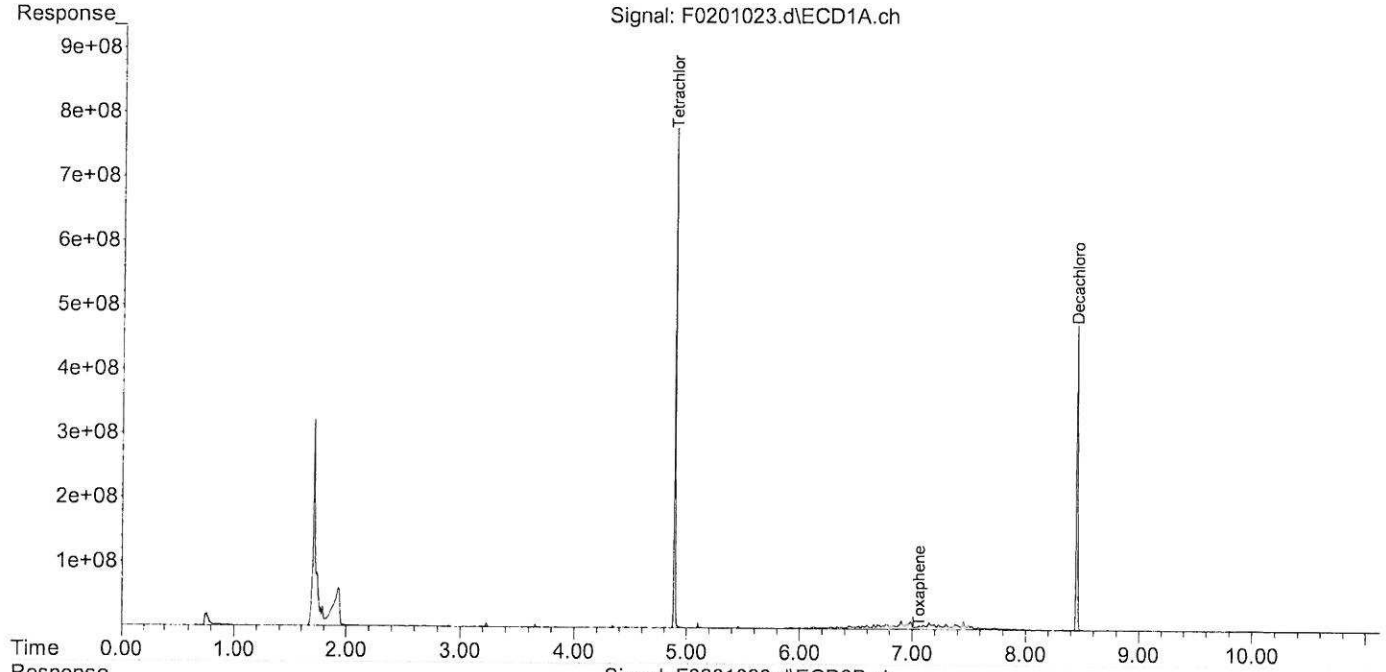
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

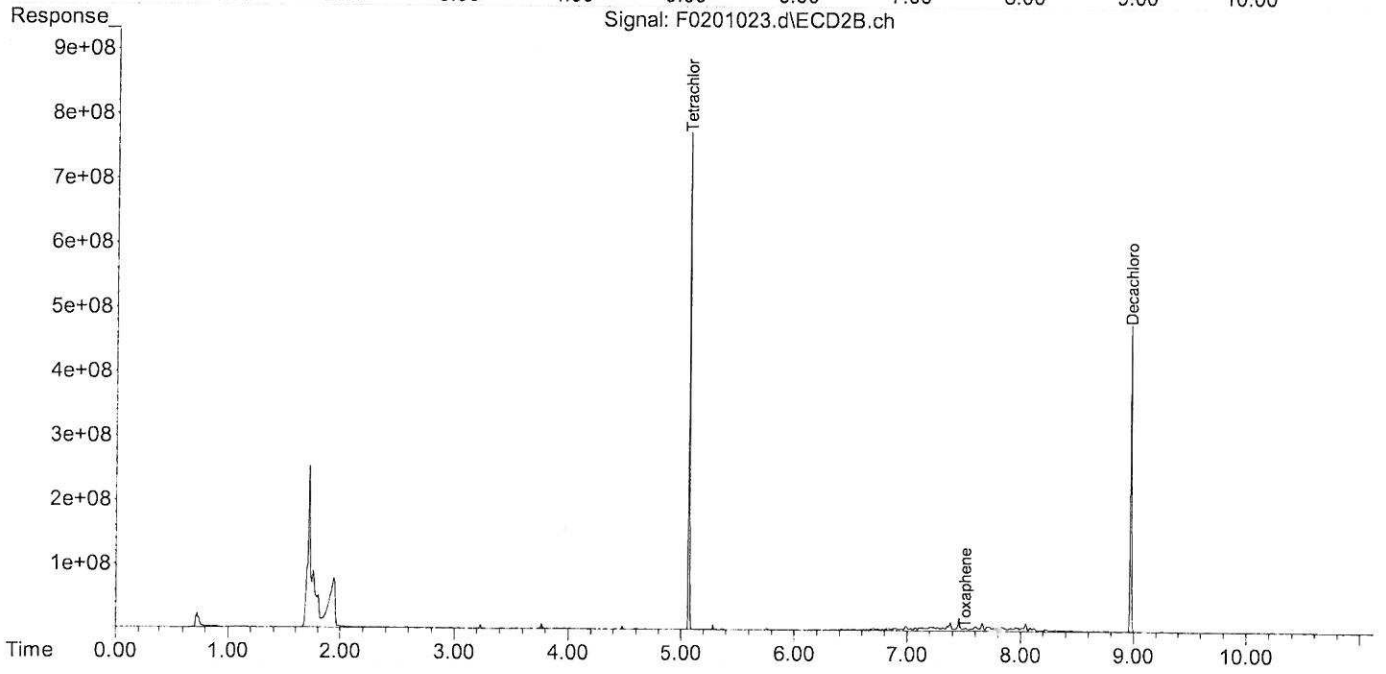
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201023.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:37 pm
Operator : JMB
Sample : S001743-CCV1 Inst : ECD 6
Misc : TOX 500
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:01:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201024.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV2	Injection Time:	16:54

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	200	200					15
Chlordane [2C]	A	200	219					15
Decachlorobiphenyl	A	200	196	8670293	8488000		-2.1	
Decachlorobiphenyl [2C]	A	200	180	8147007	7344500		-9.9	
Tetrachloro-m-xylene	A	200	210	9589208	1.005E+07		4.8	
Tetrachloro-m-xylene [2C]	A	200	204	1.048983E+07	1.0701E+07		2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:54 pm
Operator : JMB
Sample : S001743-CCV2 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:15 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.071	2010.0E6	2140.2E6	209.615	204.035
	Spiked Amount 200.000	Range 60 - 300		Recovery =		104.81%	102.02%
24) S	Decachlor...	8.452	8.973	1697.6E6	1468.9E6	195.798	180.314
	Spiked Amount 200.000	Range 60 - 300		Recovery =		97.90%	90.16%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.585	5.827	84916843	89008226	195.441	212.351
26) L8	Chlordane{2}	5.631	5.920	120.4E6	130.9E6	201.757	222.951
27) L8	Chlordane{3}	5.893	6.234	87120792	91310977	192.046	212.438
28) L8	Chlordane{4}	6.263	6.726	296.9E6	249.7E6	201.995	223.286
29) L8	Chlordane{5}	6.344	6.763	466.6E6	246.3E6	207.927	223.294
	Sum Chlordane			1055.8E6	807.2E6	999.166	1094.320
	Average Chlordane					199.833	218.864
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

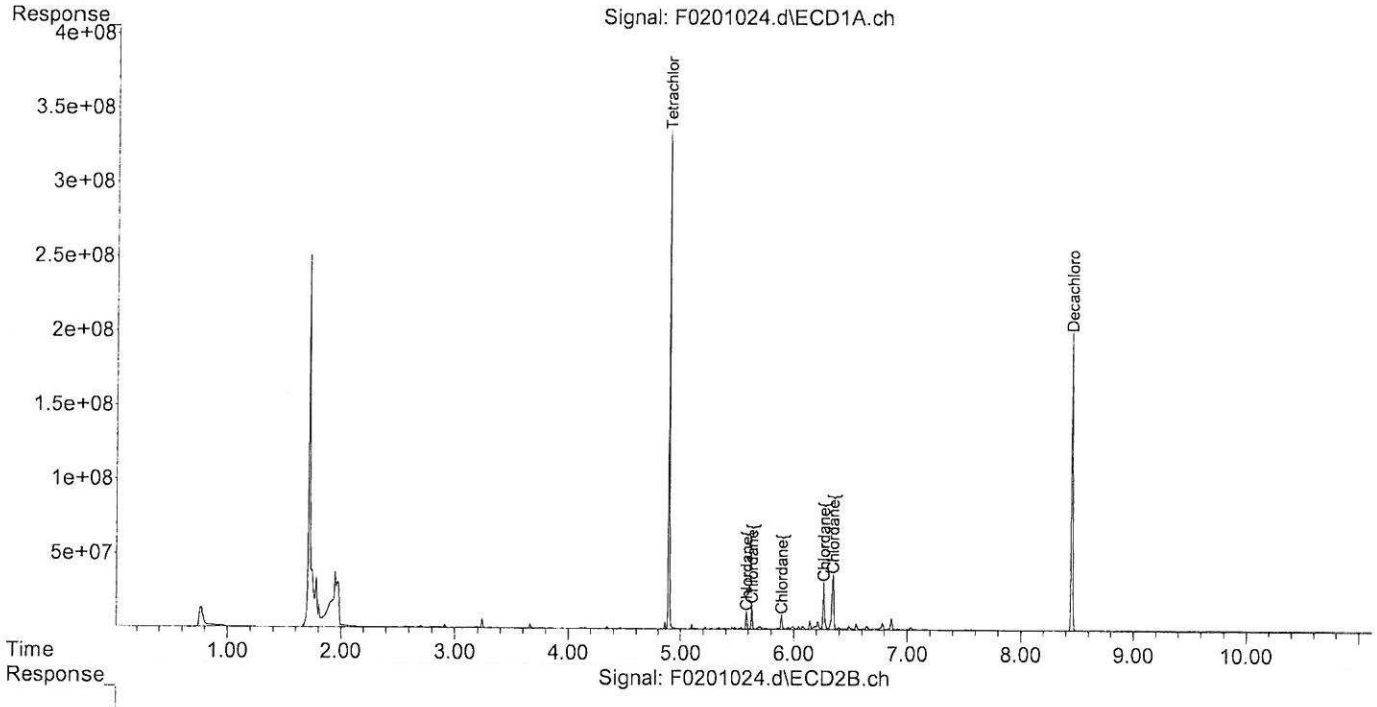
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

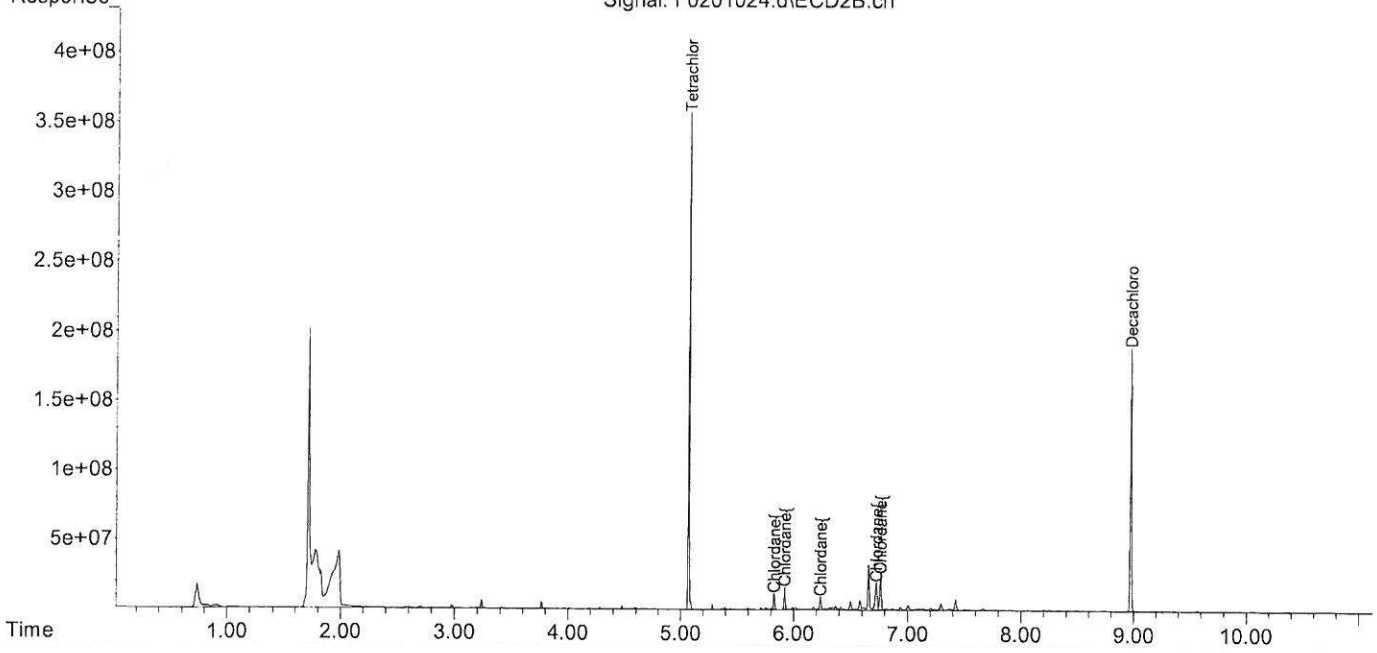
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201024.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 4:54 pm
Operator : JMB
Sample : S001743-CCV2 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:15 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201025.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV3	Injection Time:	17:11

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	101	1.086089E+07	1.0967E+07		1.0	15
alpha-Chlordane [2C]	A	100	101	1.129676E+07	1.1423E+07		1.1	15
gamma-Chlordane	A	100	102	1.106332E+07	1.1231E+07		1.5	15
gamma-Chlordane [2C]	A	100	102	1.166252E+07	1.1858E+07		1.7	15
Alachlor	L	100	101	1395048	1242000		0.5	15
Alachlor [2C]	L	100	102	1617417	1458000		2.0	15
Aldrin	A	100	103	1.162216E+07	1.1969E+07		3.0	15
Aldrin [2C]	A	100	103	1.188221E+07	1.22E+07		2.7	15
alpha-BHC	A	100	103	1.368418E+07	1.4126E+07		3.2	15
alpha-BHC [2C]	A	100	98.2	1.291196E+07	1.2685E+07		-1.8	15
beta-BHC	A	100	99.5	5169765	5144000		-0.5	15
beta-BHC [2C]	A	100	96.7	5474764	5296000		-3.3	15
delta-BHC	A	100	104	1.288149E+07	1.3414E+07		4.1	15
delta-BHC [2C]	A	100	102	1.340495E+07	1.3684E+07		2.1	15
gamma-BHC (Lindane)	A	100	105	1.322341E+07	1.3856E+07		4.8	15
gamma-BHC (Lindane) [2C]	A	100	101	1.3289E+07	1.3405E+07		0.9	15
4,4'-DDD	A	100	104	8590658	8950000		4.2	15
4,4'-DDD [2C]	A	100	105	8871809	9289000		4.7	15
4,4'-DDE	A	100	104	1.018584E+07	1.0552E+07		3.6	15
4,4'-DDE [2C]	A	100	104	1.084747E+07	1.1327E+07		4.4	15
4,4'-DDT	A	100	110	7782837	8540000		9.7	15
4,4'-DDT [2C]	A	100	108	8868579	9613000		8.4	15
Dieldrin	A	100	102	1.089257E+07	1.1151E+07		2.4	15
Dieldrin [2C]	A	100	103	1.119329E+07	1.1554E+07		3.2	15
Endosulfan I	A	100	100	1.020892E+07	1.0223E+07		0.1	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201025.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV3	Injection Time:	17:11

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	99.5	1.024441E+07	1.0191E+07		-0.5	15
Endosulfan II	A	100	100	9425058	9421000		-0.04	15
Endosulfan II [2C]	A	100	101	9714701	9771000		0.6	15
Endosulfan Sulfate	A	100	99.5	8535782	8493000		-0.5	15
Endosulfan Sulfate [2C]	A	100	100	8887014	8903000		0.2	15
Endrin	A	100	101	1.002349E+07	1.0158E+07		1.3	15
Endrin [2C]	A	100	103	1.009993E+07	1.0355E+07		2.5	15
Endrin Aldehyde	A	100	90.3	8664572	7823000		-9.7	15
Endrin Aldehyde [2C]	A	100	98.9	8237591	8151000		-1.1	15
Endrin Ketone	A	100	96.5	1.085328E+07	1.0477E+07		-3.5	15
Endrin Ketone [2C]	A	100	98.2	1.097385E+07	1.0779E+07		-1.8	15
Heptachlor	A	100	101	1.223172E+07	1.241E+07		1.5	15
Heptachlor [2C]	A	100	101	1.239239E+07	1.253E+07		1.1	15
Heptachlor Epoxide	A	100	98.7	1.073191E+07	1.059E+07		-1.3	15
Heptachlor Epoxide [2C]	A	100	98.7	1.105778E+07	1.0918E+07		-1.3	15
Hexachlorobenzene	A	100	99.5	1.050206E+07	1.0454E+07		-0.5	15
Hexachlorobenzene [2C]	A	100	96.2	9119072	8776000		-3.8	15
Methoxychlor	A	100	98.4	3954861	3890000		-1.6	15
Methoxychlor [2C]	A	100	97.7	4397914	4295000		-2.3	15
Decachlorobiphenyl	A	100	95.1	8670293	8248000		-4.9	
Decachlorobiphenyl [2C]	A	100	96.8	8147007	7887000		-3.2	
Tetrachloro-m-xylene	A	100	101	9589208	9668000		0.8	
Tetrachloro-m-xylene [2C]	A	100	101	1.048983E+07	1.0568E+07		0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 5:11 pm
Operator : JMB
Sample : S001743-CCV3 Inst : ECD 6
Misc : PEST 100
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:55 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	966.8E6	1056.8E6	100.826	100.755
	Spiked Amount	200.000	Range 60 - 300		Recovery =	50.41%#	50.38%#
24) S	Decachlor...	8.455	8.975	824.8E6	788.7E6	95.131	96.813
	Spiked Amount	200.000	Range 60 - 300		Recovery =	47.57%#	48.41%#
	Target Compounds						
2) T	Hexachlor...	5.103	5.346	1045.4E6	877.6E6	99.543	96.231
3) T	alpha-BHC	5.194	5.430	1412.6E6	1268.5E6	103.236	98.237
4) T	gamma-BHC	5.367	5.647	1385.6E6	1340.5E6	104.790	100.875
5) T	Beta-BHC	5.419	5.700	514.4E6	529.6E6	99.493	96.742
6) T	Delta-BHC	5.518	5.885	1341.4E6	1368.4E6	104.143	102.082
7) T	Heptachlor	5.635	5.925	1241.0E6	1253.0E6	101.457	101.107
8) T	Aldrin	5.810	6.136	1196.9E6	1220.0E6	102.987	102.669
9) T	Alachlor	5.909	6.072	124.2E6	145.8E6	100.548	102.017
10) T	Heptachlo...	6.185	6.529	1059.0E6	1091.8E6	98.686	98.729
11) T	Y-Chlordane	6.266	6.663	1123.1E6	1185.8E6	101.517	101.682
12) T	A-Chlordane	6.353	6.768	1096.7E6	1142.3E6	100.983	101.118
13) T	4,4-DDE	6.415	6.897	1055.2E6	1132.7E6	103.599	104.433
14) T	Endo-I	6.438	6.806	1022.3E6	1019.1E6	100.136	99.479
15) T	Dieldrin	6.599	7.007	1115.1E6	1155.4E6	102.365	103.227
16) T	Endrin	6.755	7.231	1015.8E6	1035.5E6	101.337	102.521
17) T	4,4-DDD	6.822	7.331	895.0E6	928.9E6	104.183	104.702
18) T	Endo-II	6.912	7.393	942.1E6	977.1E6	99.956	100.575
19) T	4,4-DDT	7.020	7.571	854.0E6	961.3E6	109.726	108.398
20) T	Endrin Al...	7.213	7.655	782.3E6	815.1E6	90.291	98.941
21) T	Methoxychlor	7.392	8.106	389.0E6	429.5E6	98.370	97.661
22) T	End Sulf	7.534	7.872	849.3E6	890.3E6	99.499	100.188
23) T	Endrin Ke...	7.739	8.248	1047.7E6	1077.9E6	96.535	98.219
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

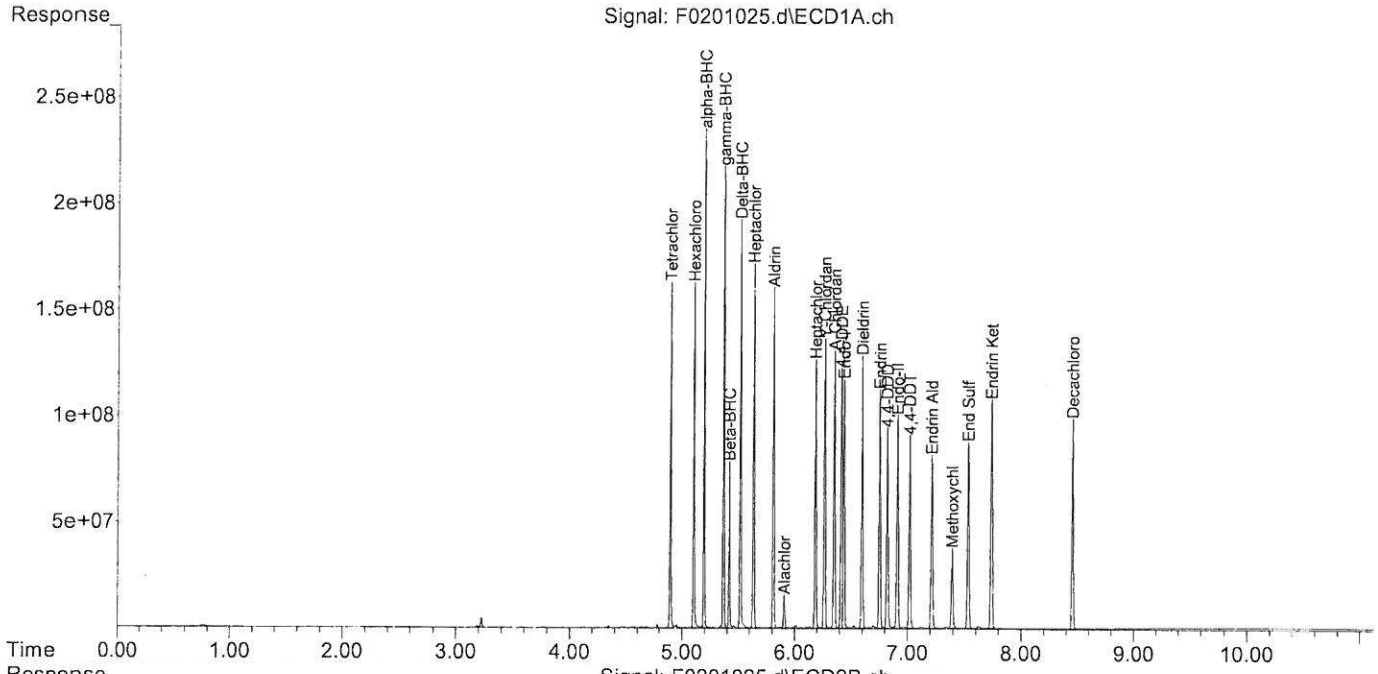
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

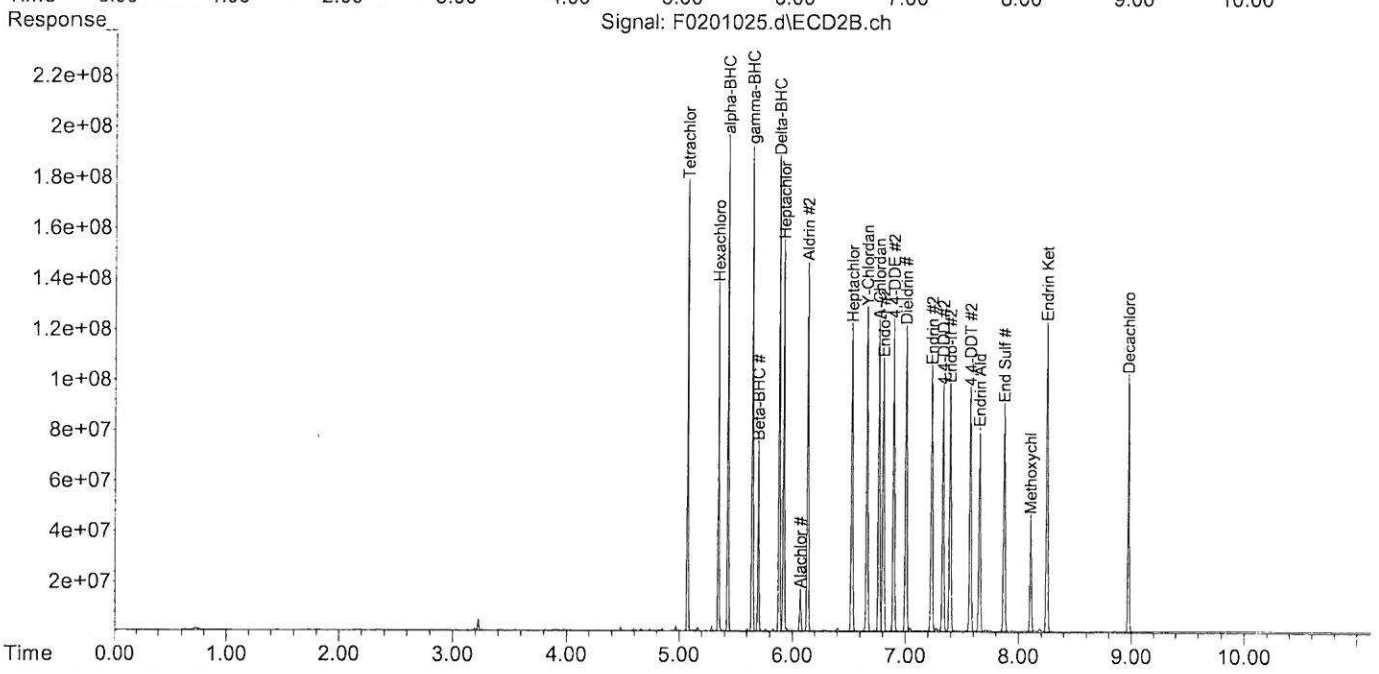
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201025.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 5:11 pm
Operator : JMB
Sample : S001743-CCV3 Inst : ECD 6
Misc : PEST 100
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:05:55 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201032.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV4	Injection Time:	19:09

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	104	1.086089E+07	1.1284E+07		3.9	15
alpha-Chlordane [2C]	A	100	103	1.129676E+07	1.1643E+07		3.1	15
gamma-Chlordane	A	100	104	1.106332E+07	1.152E+07		4.1	15
gamma-Chlordane [2C]	A	100	104	1.166252E+07	1.2105E+07		3.8	15
Alachlor	L	100	103	1395048	1272000		3.1	15
Alachlor [2C]	L	100	105	1617417	1496000		4.8	15
Aldrin	A	100	106	1.162216E+07	1.2279E+07		5.7	15
Aldrin [2C]	A	100	105	1.188221E+07	1.245E+07		4.8	15
alpha-BHC	A	100	103	1.368418E+07	1.4104E+07		3.1	15
alpha-BHC [2C]	A	100	99.8	1.291196E+07	1.2888E+07		-0.2	15
beta-BHC	A	100	102	5169765	5277000		2.1	15
beta-BHC [2C]	A	100	98.5	5474764	5391000		-1.5	15
delta-BHC	A	100	106	1.288149E+07	1.369E+07		6.3	15
delta-BHC [2C]	A	100	104	1.340495E+07	1.3974E+07		4.2	15
gamma-BHC (Lindane)	A	100	108	1.322341E+07	1.4285E+07		8.0	15
gamma-BHC (Lindane) [2C]	A	100	103	1.3289E+07	1.3663E+07		2.8	15
4,4'-DDD	A	100	107	8590658	9176000		6.8	15
4,4'-DDD [2C]	A	100	106	8871809	9397000		5.9	15
4,4'-DDE	A	100	107	1.018584E+07	1.0901E+07		7.0	15
4,4'-DDE [2C]	A	100	107	1.084747E+07	1.1562E+07		6.6	15
4,4'-DDT	A	100	112	7782837	8721000		12.1	15
4,4'-DDT [2C]	A	100	111	8868579	9804000		10.5	15
Dieldrin	A	100	104	1.089257E+07	1.1376E+07		4.4	15
Dieldrin [2C]	A	100	104	1.119329E+07	1.1679E+07		4.3	15
Endosulfan I	A	100	102	1.020892E+07	1.0392E+07		1.8	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201032.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV4	Injection Time:	19:09

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	101	1.024441E+07	1.0321E+07		0.7	15
Endosulfan II	A	100	101	9425058	9559000		1.4	15
Endosulfan II [2C]	A	100	102	9714701	9869000		1.6	15
Endosulfan Sulfate	A	100	102	8535782	8688000		1.8	15
Endosulfan Sulfate [2C]	A	100	102	8887014	9039000		1.7	15
Endrin	A	100	103	1.002349E+07	1.0363E+07		3.4	15
Endrin [2C]	A	100	104	1.009993E+07	1.047E+07		3.7	15
Endrin Aldehyde	A	100	91.6	8664572	7939000		-8.4	15
Endrin Aldehyde [2C]	A	100	99.4	8237591	8185000		-0.6	15
Endrin Ketone	A	100	99.2	1.085328E+07	1.0761E+07		-0.9	15
Endrin Ketone [2C]	A	100	99.6	1.097385E+07	1.093E+07		-0.4	15
Heptachlor	A	100	104	1.223172E+07	1.2702E+07		3.8	15
Heptachlor [2C]	A	100	103	1.239239E+07	1.2716E+07		2.6	15
Heptachlor Epoxide	A	100	101	1.073191E+07	1.0796E+07		0.6	15
Heptachlor Epoxide [2C]	A	100	99.9	1.105778E+07	1.1053E+07		-0.04	15
Hexachlorobenzene	A	100	104	1.050206E+07	1.0881E+07		3.6	15
Hexachlorobenzene [2C]	A	100	98.0	9119072	8940000		-2.0	15
Methoxychlor	A	100	99.6	3954861	3941000		-0.4	15
Methoxychlor [2C]	A	100	99.2	4397914	4361000		-0.8	15
Decachlorobiphenyl	A	100	99.5	8670293	8626000		-0.5	
Decachlorobiphenyl [2C]	A	100	100	8147007	8166000		0.2	
Tetrachloro-m-xylene	A	100	105	9589208	1.0053E+07		4.8	
Tetrachloro-m-xylene [2C]	A	100	101	1.048983E+07	1.056E+07		0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:09 pm
Operator : JMB
Sample : S001743-CCV4 Inst : ECD 6
Misc : PEST 100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:11:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.893	5.071	1005.3E6	1056.0E6	104.844	100.678
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	52.42%#	50.34%#
24)	S Decachlor...	8.451	8.973	862.6E6	816.6E6	99.488	100.241
	Spiked Amount	200.000 Range	60 - 300	Recovery	=	49.74%#	50.12%#
	Target Compounds						
2)	T Hexachlor...	5.100	5.343	1088.1E6	894.0E6	103.608	98.029
3)	T alpha-BHC	5.191	5.427	1410.4E6	1288.8E6	103.072	99.815
4)	T gamma-BHC	5.364	5.643	1428.5E6	1366.3E6	108.035	102.814
5)	T Beta-BHC	5.416	5.696	527.7E6	539.1E6	102.075	98.474
6)	T Delta-BHC	5.514	5.881	1369.0E6	1397.4E6	106.283	104.248
7)	T Heptachlor	5.631	5.921	1270.2E6	1271.6E6	103.846	102.611
8)	T Aldrin	5.807	6.132	1227.9E6	1245.0E6	105.654	104.779
9)	T Alachlor	5.905	6.069	127.2E6	149.6E6	103.064	104.768
10)	T Heptachlo...	6.182	6.524	1079.6E6	1105.3E6	100.602	99.949
11)	T Y-Chlordane	6.262	6.659	1152.0E6	1210.5E6	104.128	103.798
12)	T A-Chlordane	6.348	6.763	1128.4E6	1164.3E6	103.900	103.067
13)	T 4,4-DDE	6.412	6.893	1090.1E6	1156.2E6	107.018	106.600
14)	T Endo-I	6.434	6.802	1039.2E6	1032.1E6	101.797	100.751
15)	T Dieldrin	6.595	7.002	1137.6E6	1167.9E6	104.427	104.342
16)	T Endrin	6.751	7.227	1036.3E6	1047.0E6	103.390	103.659
17)	T 4,4-DDD	6.818	7.326	917.6E6	939.7E6	106.806	105.924
18)	T Endo-II	6.908	7.388	955.9E6	986.9E6	101.420	101.583
19)	T 4,4-DDT	7.016	7.567	872.1E6	980.4E6	112.062	110.549
20)	T Endrin Al...	7.209	7.650	793.9E6	818.5E6	91.624	99.356
21)	T Methoxychlor	7.387	8.102	394.1E6	436.1E6	99.648	99.168
22)	T End Sulf	7.530	7.867	868.8E6	903.9E6	101.786	101.711
23)	T Endrin Ke...	7.734	8.244	1076.1E6	1093.0E6	99.155	99.595
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

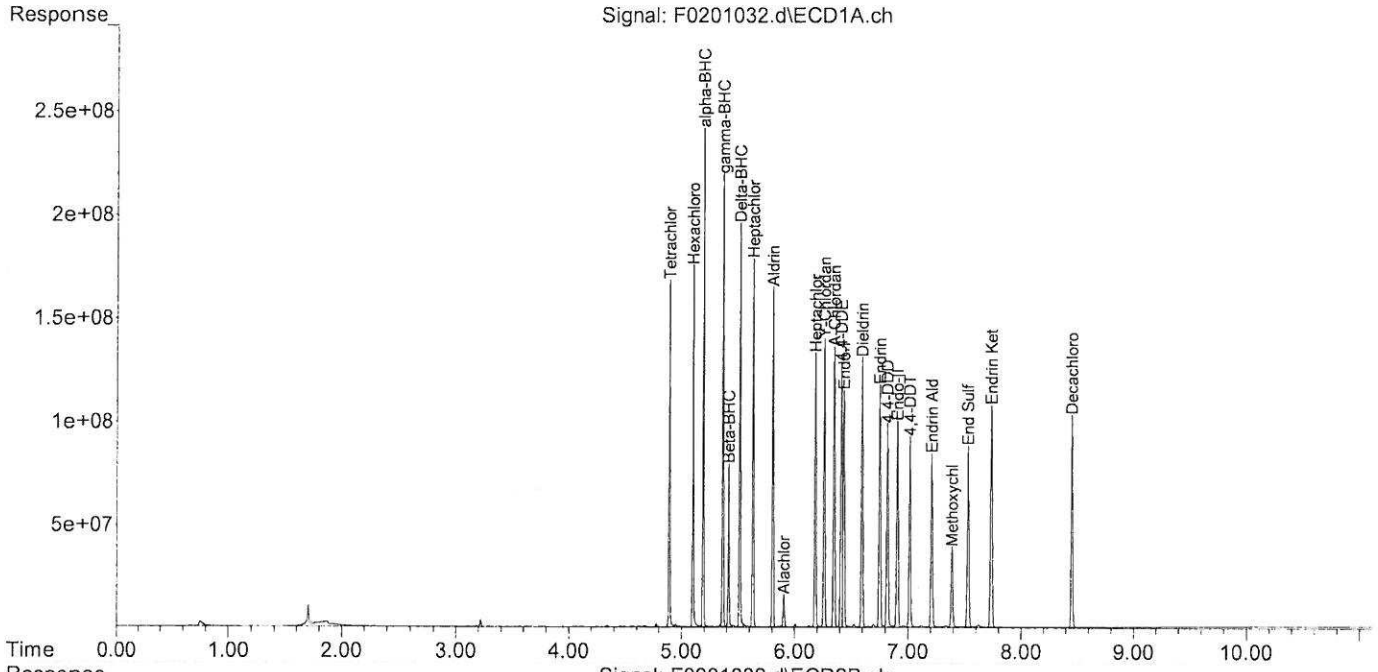
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

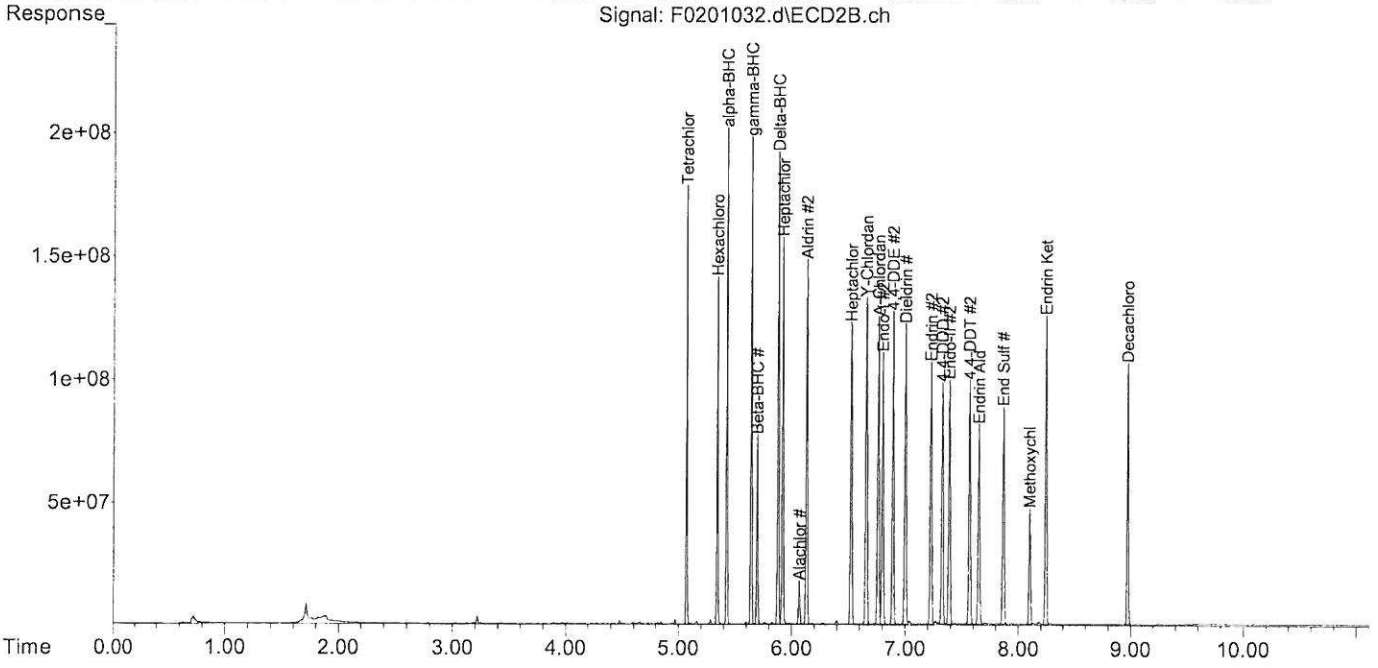
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 7:09 pm
Operator : JMB
Sample : S001743-CCV4 Inst : ECD 6
Misc : PEST 100
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:11:31 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201041.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV5	Injection Time:	21:39

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	250	280	7393595	8289600		12.1	15
Toxaphene [2C]	A	250	259	7831106	8103600		3.5	15
Decachlorobiphenyl	A	250	229	8670293	7938800		-8.4	
Decachlorobiphenyl [2C]	A	250	207	8147007	6746800		-17.2	
Tetrachloro-m-xylene	A	250	245	9589208	9397600		-2.0	
Tetrachloro-m-xylene [2C]	A	250	233	1.048983E+07	9756400		-7.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201041.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:39 pm
Operator : JMB
Sample : S001743-CCV5 Inst : ECD 6
Misc : TOX 250
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:19:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.891	5.070	2349.4E6	2439.1E6	245.016	232.539
	Spiked Amount	200.000	Range 60 - 300	Recovery =		122.51%	116.27%
24) S	Decachlor...	8.451	8.971	1984.7E6	1686.7E6	228.911	207.041
	Spiked Amount	200.000	Range 60 - 300	Recovery =		114.46%	103.52%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	2072.4E6	2025.9E6	280.306	258.708

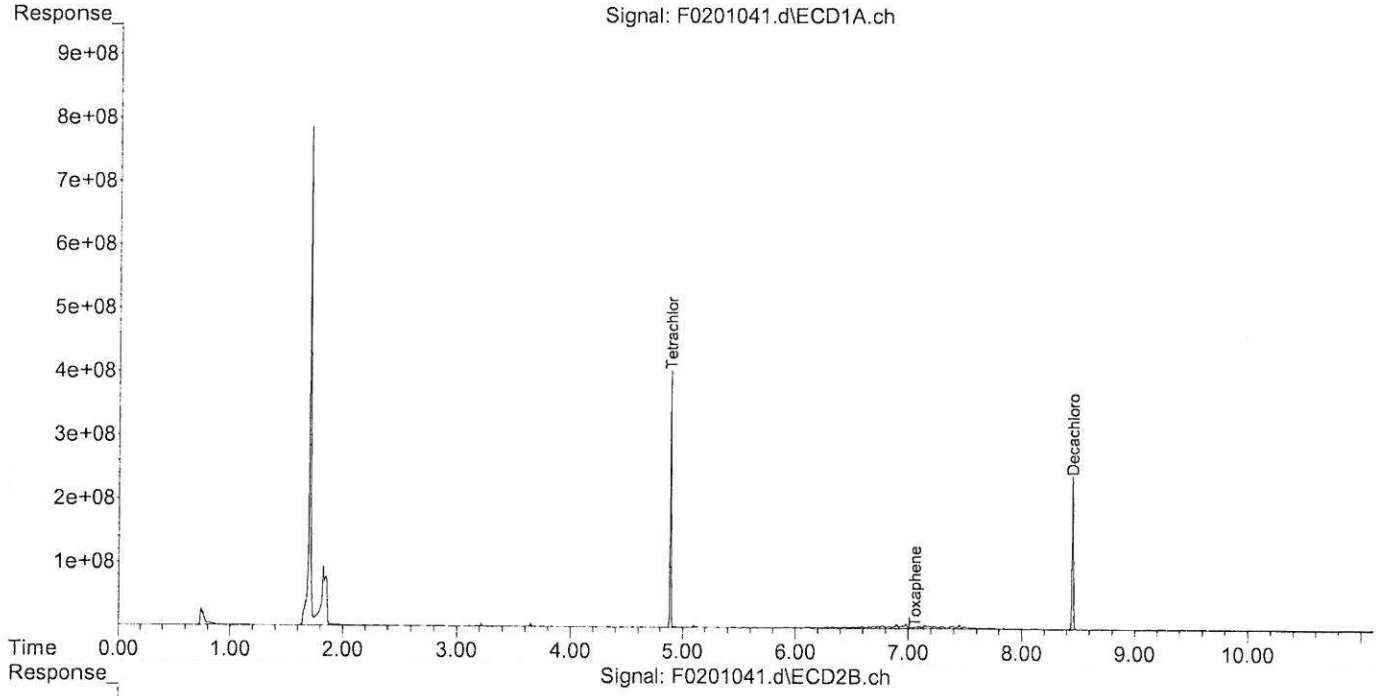
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

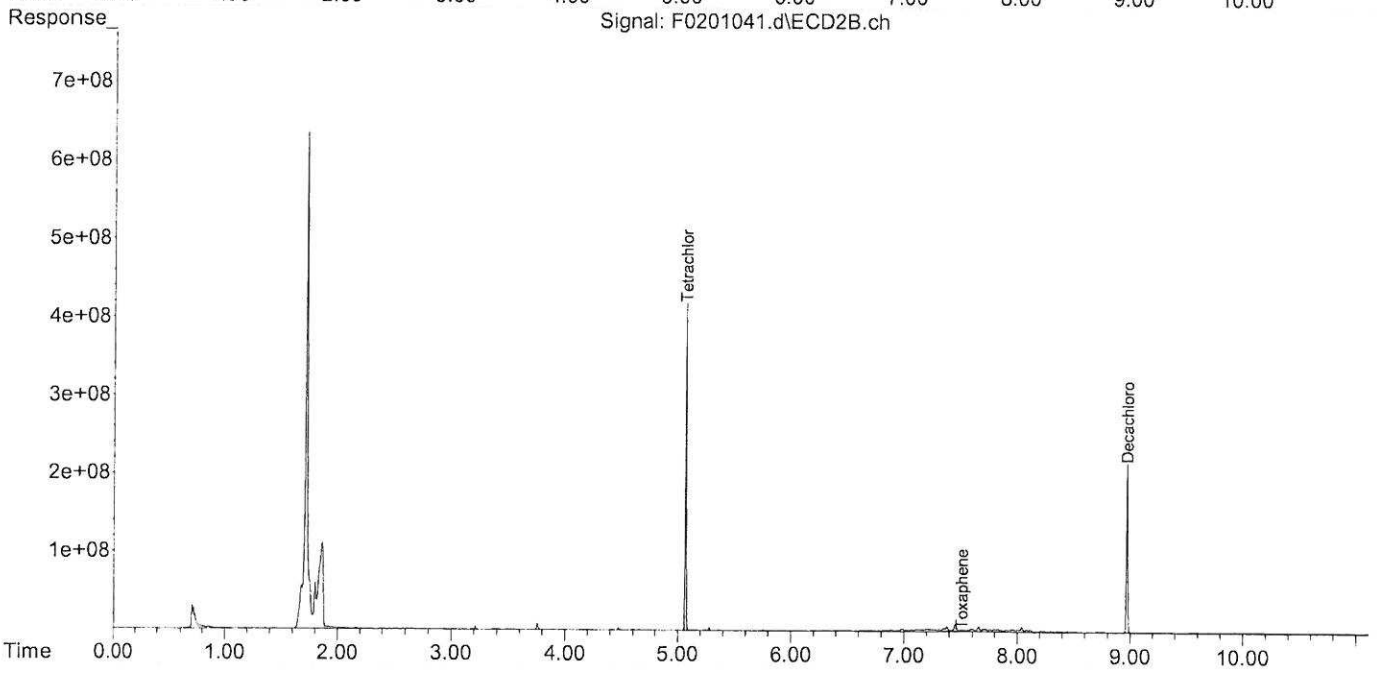
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201041.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:39 pm
Operator : JMB
Sample : S001743-CCV5 Inst : ECD 6
Misc : TOX 250
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:19:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201042.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV6	Injection Time:	21:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	100	101					15
Chlordane [2C]	A	100	109					15
Decachlorobiphenyl	A	100	103	8670293	8943000		3.1	
Decachlorobiphenyl [2C]	A	100	93.0	8147007	7573000		-7.0	
Tetrachloro-m-xylene	A	100	110	9589208	1.0507E+07		9.6	
Tetrachloro-m-xylene [2C]	A	100	109	1.048983E+07	1.1407E+07		8.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201042.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:56 pm
Operator : JMB
Sample : S001743-CCV6 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:21 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1050.7E6	1140.7E6	109.579	108.755
	Spiked Amount	200.000	Range 60 - 300	Recovery =		54.79%#	54.38%#
24) S	Decachlor...	8.449	8.971	894.3E6	757.3E6	103.145	92.965
	Spiked Amount	200.000	Range 60 - 300	Recovery =		51.57%#	46.48%#
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.582	5.825	42513120	44633408	97.846	106.484
26) L8	Chlordane{2}	5.628	5.918	59522422	64550664	99.754	109.953
27) L8	Chlordane{3}	5.890	6.232	44813884	45567551	98.786	106.014
28) L8	Chlordane{4}	6.259	6.724	151.4E6	123.4E6	103.052	110.319
29) L8	Chlordane{5}	6.341	6.760	236.7E6	122.2E6	105.472	110.780
	Sum Chlordane			535.0E6	400.3E6	504.910	543.550
Average	Chlordane					100.982	108.710
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

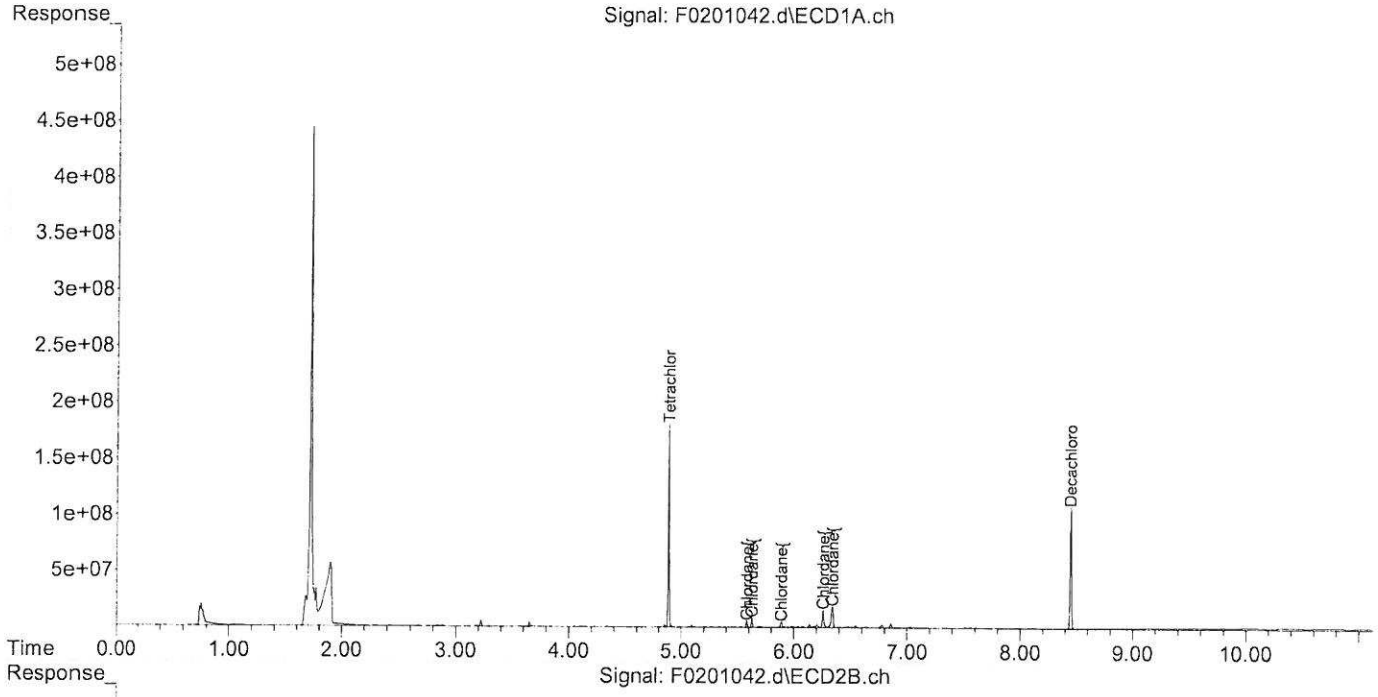
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

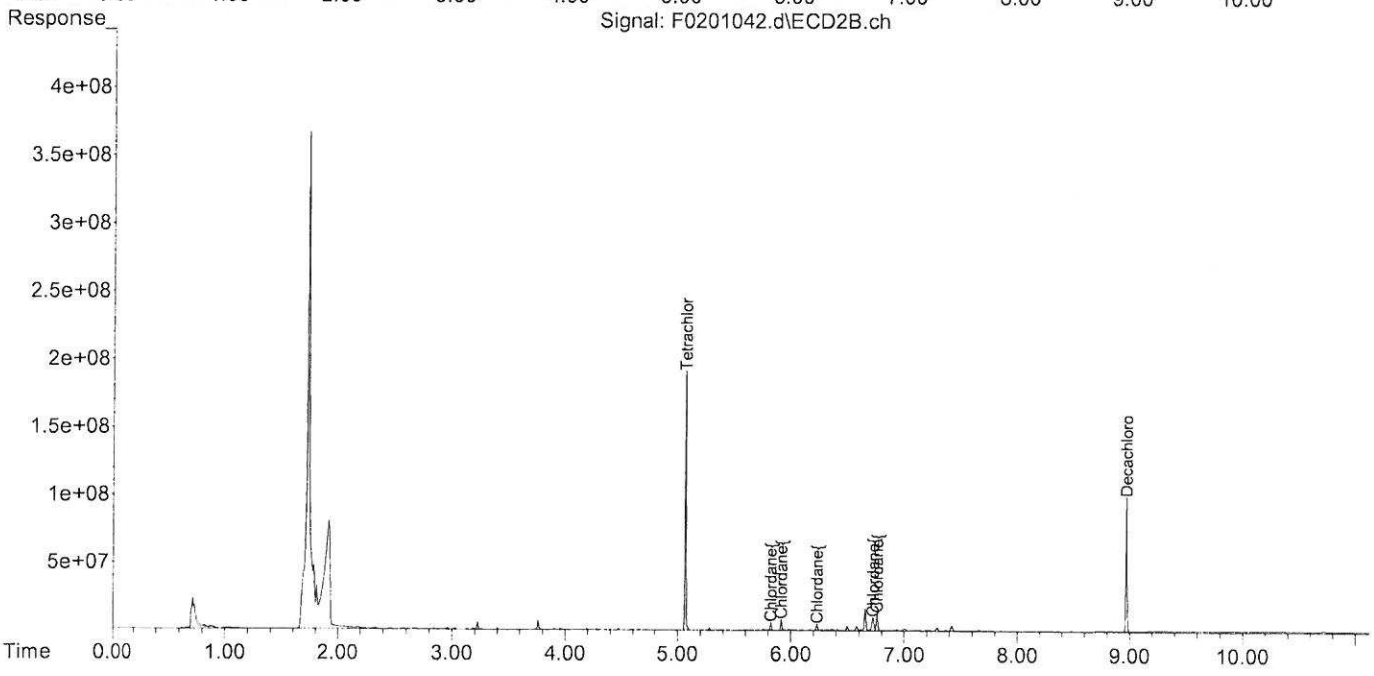
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201042.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 9:56 pm
Operator : JMB
Sample : S001743-CCV6 Inst : ECD 6
Misc : CHLOR 100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:21 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201043.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV7	Injection Time:	22:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
alpha-Chlordane	A	100	103	1.086089E+07	1.1189E+07		3.0	15
alpha-Chlordane [2C]	A	100	103	1.129676E+07	1.1617E+07		2.8	15
gamma-Chlordane	A	100	103	1.106332E+07	1.144E+07		3.4	15
gamma-Chlordane [2C]	A	100	104	1.166252E+07	1.208E+07		3.6	15
Alachlor	L	100	103	1395048	1271000		3.0	15
Alachlor [2C]	L	100	103	1617417	1475000		3.2	15
Aldrin	A	100	104	1.162216E+07	1.2036E+07		3.6	15
Aldrin [2C]	A	100	104	1.188221E+07	1.2317E+07		3.7	15
alpha-BHC	A	100	107	1.368418E+07	1.4637E+07		7.0	15
alpha-BHC [2C]	A	100	102	1.291196E+07	1.3109E+07		1.5	15
beta-BHC	A	100	102	5169765	5249000		1.5	15
beta-BHC [2C]	A	100	98.7	5474764	5402000		-1.3	15
delta-BHC	A	100	106	1.288149E+07	1.3695E+07		6.3	15
delta-BHC [2C]	A	100	104	1.340495E+07	1.4003E+07		4.5	15
gamma-BHC (Lindane)	A	100	107	1.322341E+07	1.4205E+07		7.4	15
gamma-BHC (Lindane) [2C]	A	100	104	1.3289E+07	1.3764E+07		3.6	15
4,4'-DDD	A	100	105	8590658	9036000		5.2	15
4,4'-DDD [2C]	A	100	107	8871809	9475000		6.8	15
4,4'-DDE	A	100	106	1.018584E+07	1.0753E+07		5.6	15
4,4'-DDE [2C]	A	100	106	1.084747E+07	1.15E+07		6.0	15
4,4'-DDT	A	100	115	7782837	8947000		15.0	15
4,4'-DDT [2C]	A	100	110	8868579	9770000		10.2	15
Dieldrin	A	100	104	1.089257E+07	1.1292E+07		3.7	15
Dieldrin [2C]	A	100	105	1.119329E+07	1.1732E+07		4.8	15
Endosulfan I	A	100	101	1.020892E+07	1.0285E+07		0.7	15

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201043.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/01/12
Lab Sample ID:	S001743-CCV7	Injection Time:	22:13

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endosulfan I [2C]	A	100	101	1.024441E+07	1.0342E+07		1.0	15
Endosulfan II	A	100	102	9425058	9571000		1.5	15
Endosulfan II [2C]	A	100	103	9714701	9961000		2.5	15
Endosulfan Sulfate	A	100	101	8535782	8641000		1.2	15
Endosulfan Sulfate [2C]	A	100	102	8887014	9074000		2.1	15
Endrin	A	100	104	1.002349E+07	1.0453E+07		4.3	15
Endrin [2C]	A	100	106	1.009993E+07	1.0695E+07		5.9	15
Endrin Aldehyde	A	100	90.9	8664572	7875000		-9.1	15
Endrin Aldehyde [2C]	A	100	100	8237591	8245000		0.09	15
Endrin Ketone	A	100	97.4	1.085328E+07	1.0568E+07		-2.6	15
Endrin Ketone [2C]	A	100	99.6	1.097385E+07	1.093E+07		-0.4	15
Heptachlor	A	100	103	1.223172E+07	1.2555E+07		2.6	15
Heptachlor [2C]	A	100	102	1.239239E+07	1.2678E+07		2.3	15
Heptachlor Epoxide	A	100	100	1.073191E+07	1.075E+07		0.2	15
Heptachlor Epoxide [2C]	A	100	100	1.105778E+07	1.1086E+07		0.3	15
Hexachlorobenzene	A	100	101	1.050206E+07	1.0649E+07		1.4	15
Hexachlorobenzene [2C]	A	100	96.8	9119072	8831000		-3.2	15
Methoxychlor	A	100	105	3954861	4158000		5.1	15
Methoxychlor [2C]	A	100	101	4397914	4436000		0.9	15
Decachlorobiphenyl	A	100	97.7	8670293	8468000		-2.3	
Decachlorobiphenyl [2C]	A	100	98.2	8147007	7998000		-1.8	
Tetrachloro-m-xylene	A	100	103	9589208	9850000		2.7	
Tetrachloro-m-xylene [2C]	A	100	97.5	1.048983E+07	1.023E+07		-2.5	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : S001743-CCV7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:33 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	985.0E6	1023.0E6	102.721	97.530
	Spiked Amount	200.000	Range 60 - 300	Recovery =		51.36%#	48.77%#
24) S	Decachlor...	8.448	8.970	846.8E6	799.8E6	97.667	98.173
	Spiked Amount	200.000	Range 60 - 300	Recovery =		48.83%#	49.09%#
	Target Compounds						
2) T	Hexachlor...	5.096	5.340	1064.9E6	883.1E6	101.398	96.838
3) T	alpha-BHC	5.188	5.424	1463.7E6	1310.9E6	106.968	101.528
4) T	gamma-BHC	5.360	5.639	1420.5E6	1376.4E6	107.425	103.571
5) T	Beta-BHC	5.412	5.692	524.9E6	540.2E6	101.537	98.675
6) T	Delta-BHC	5.511	5.877	1369.5E6	1400.3E6	106.318	104.457
7) T	Heptachlor	5.628	5.917	1255.5E6	1267.8E6	102.642	102.307
8) T	Aldrin	5.803	6.128	1203.6E6	1231.7E6	103.563	103.657
9) T	Alachlor	5.902	6.064	127.1E6	147.5E6	102.998	103.247
10) T	Heptachlo...	6.178	6.520	1075.0E6	1108.6E6	100.177	100.249
11) T	Y-Chlordane	6.258	6.654	1144.0E6	1208.0E6	103.402	103.583
12) T	A-Chlordane	6.344	6.759	1118.9E6	1161.7E6	103.027	102.833
13) T	4,4-DDE	6.408	6.888	1075.3E6	1150.0E6	105.572	106.029
14) T	Endo-I	6.430	6.798	1028.5E6	1034.2E6	100.748	100.953
15) T	Dieldrin	6.591	6.997	1129.2E6	1173.2E6	103.657	104.815
16) T	Endrin	6.746	7.223	1045.3E6	1069.5E6	104.280	105.892
17) T	4,4-DDD	6.814	7.322	903.6E6	947.5E6	105.184	106.799
18) T	Endo-II	6.903	7.384	957.1E6	996.1E6	101.543	102.529
19) T	4,4-DDT	7.010	7.563	894.7E6	977.0E6	114.958m	110.162
20) T	Endrin Al...	7.205	7.645	787.5E6	824.5E6	90.889	100.086
21) T	Methoxychlor	7.382	8.099	415.8E6	443.6E6	105.145	100.866
22) T	End Sulf	7.524	7.863	864.1E6	907.4E6	101.241	102.107
23) T	Endrin Ke...	7.730	8.240	1056.8E6	1093.0E6	97.371	99.599
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

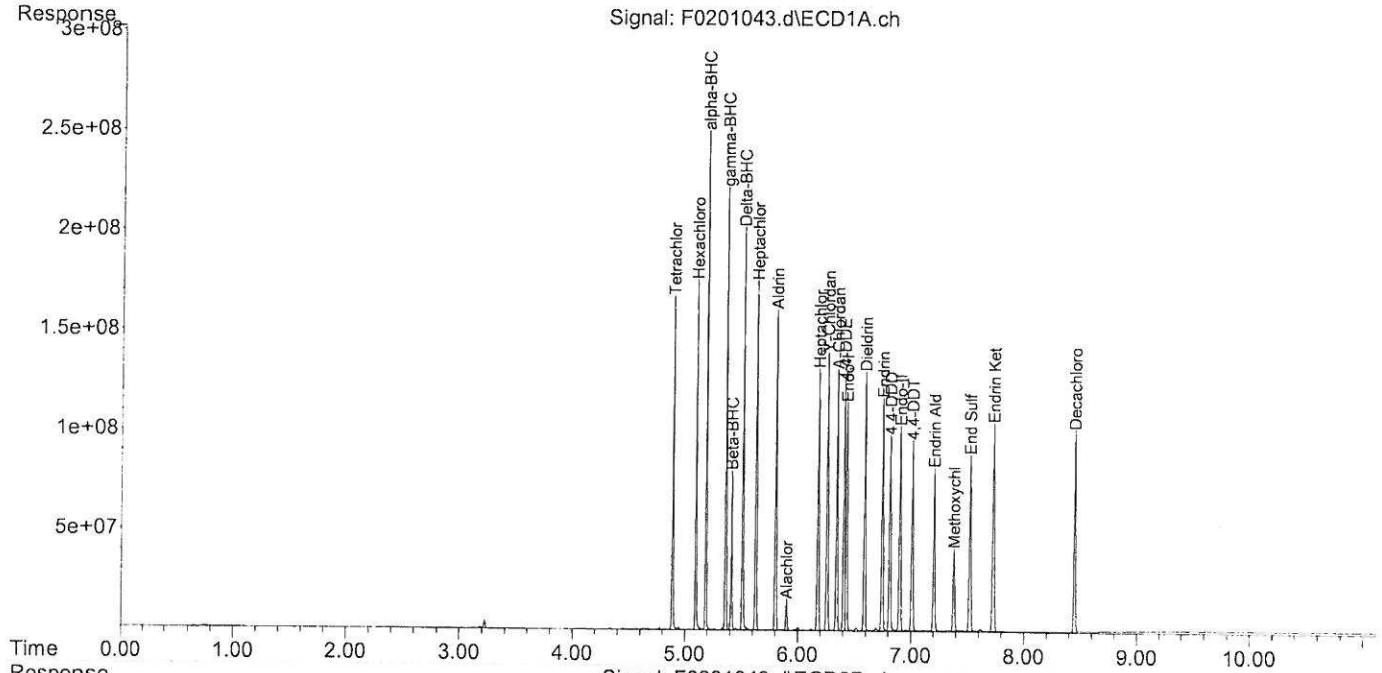
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

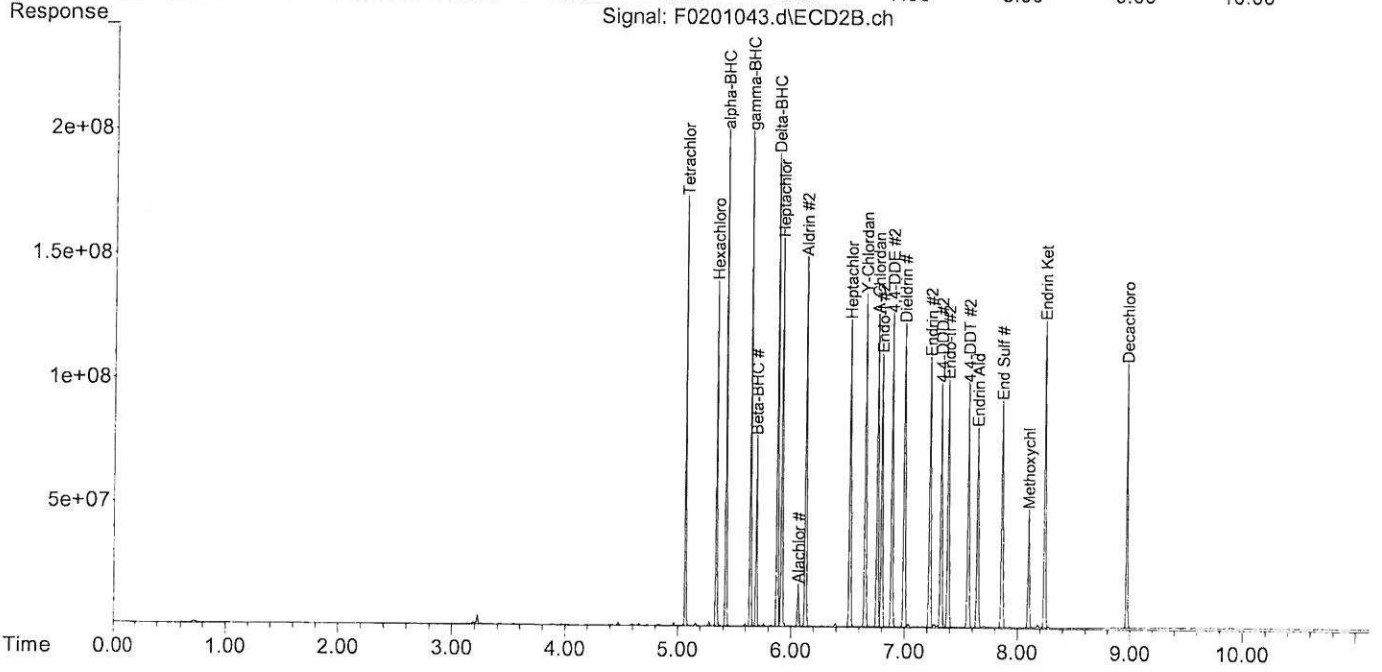
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : S001743-CCV7 Inst : ECD 6
Misc : PEST 100
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:20:33 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



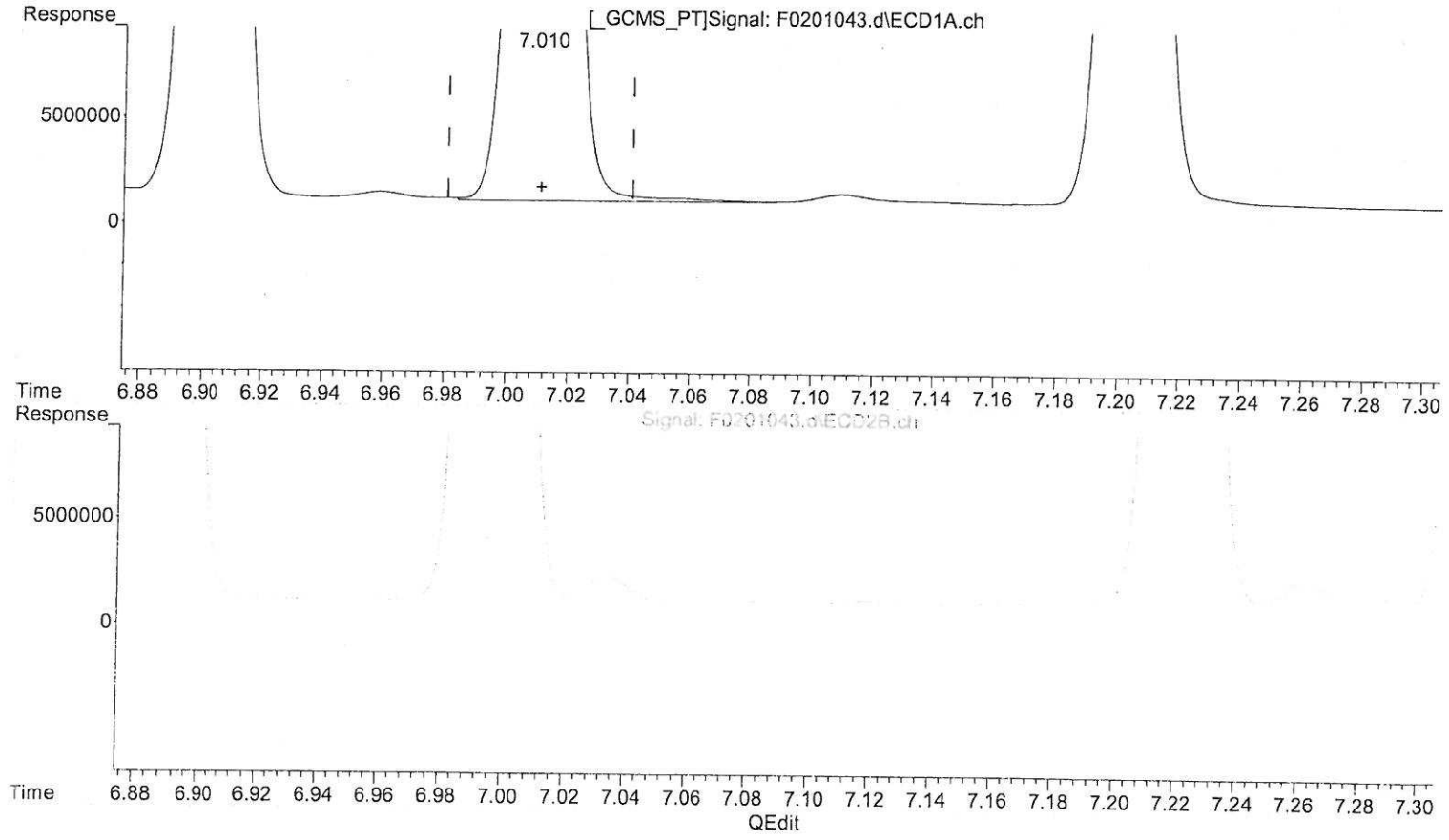


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : PEST 100 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 09:04:39 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.011min 116.078 ug/L

response 903394898

(19) 4,4-DDT #2 (T)

7.563min 110.162 ug/L

response 976990877

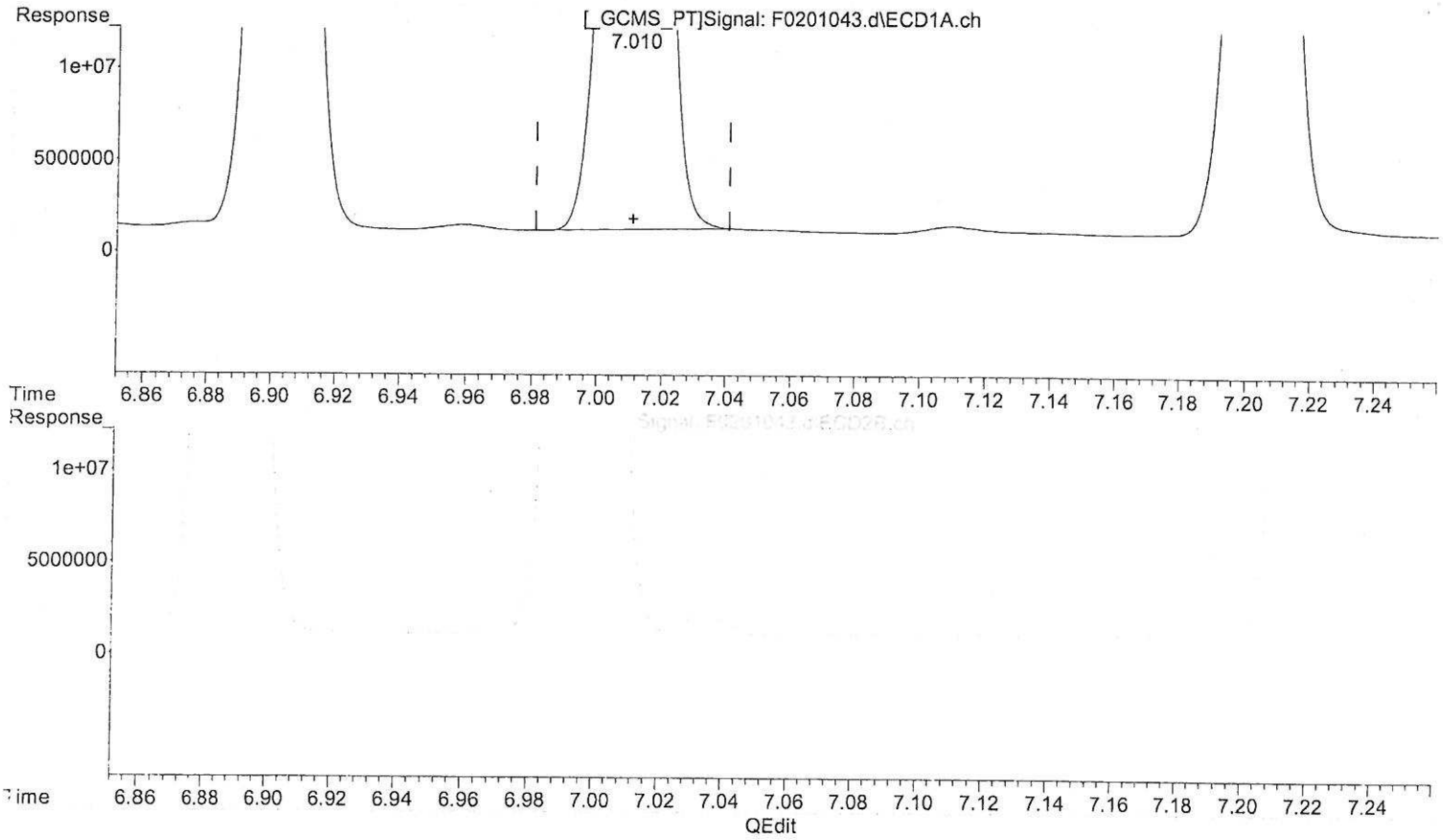
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:13 pm
Operator : JMB
Sample : PEST 100 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 09:04:39 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



(19) 4,4-DDT (T)

7.010min 114.958 ug/L m

response 894674490

(19) 4,4-DDT #2 (T)

7.563min 110.162 ug/L

response 976990877

(+) = Expected Retention Time

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201051.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCV8	Injection Time:	00:26

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Toxaphene	A	500	521	7393595	7704200		4.2	15
Toxaphene [2C]	A	500	471	7831106	7376400		-5.8	15
Decachlorobiphenyl	A	500	426	8670293	7391400		-14.8	
Decachlorobiphenyl [2C]	A	500	432	8147007	7045400		-13.5	
Tetrachloro-m-xylene	A	500	496	9589208	9503600		-0.9	
Tetrachloro-m-xylene [2C]	A	500	454	1.048983E+07	9529800		-9.2	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201051.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:26 am
Operator : JMB
Sample : S001743-CCV8 Inst : ECD 6
Misc : TOX 500
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:16 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.889	5.068	4751.8E6	4764.9E6	495.553	454.273
	Spiked Amount	200.000	Range 60 - 300	Recovery =		247.78%	227.14%
24) S	Decachlor...	8.449	8.970	3695.7E6	3522.7E6	426.260	432.408
	Spiked Amount	200.000	Range 60 - 300	Recovery =		213.13%	216.20%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
	Average Chlordane					0.000	0.000
30) H	Toxaphene	7.050	7.500	3852.1E6	3688.2E6	521.014	470.979

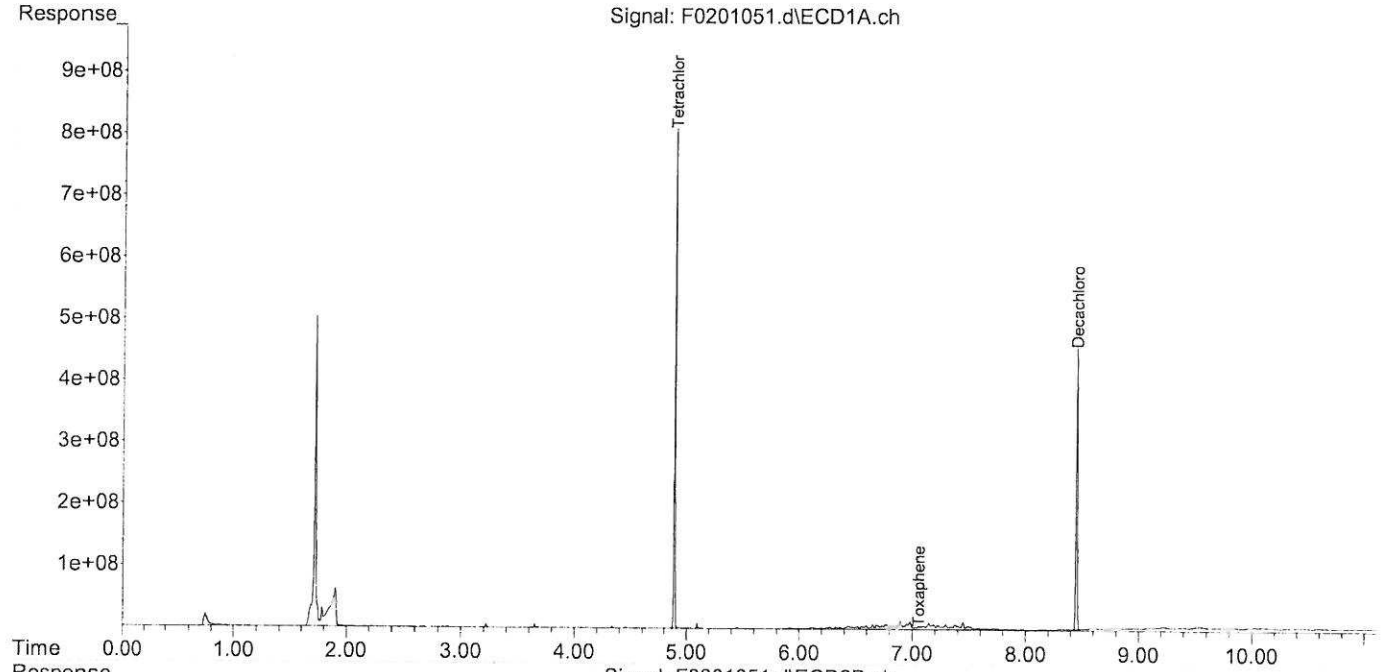
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

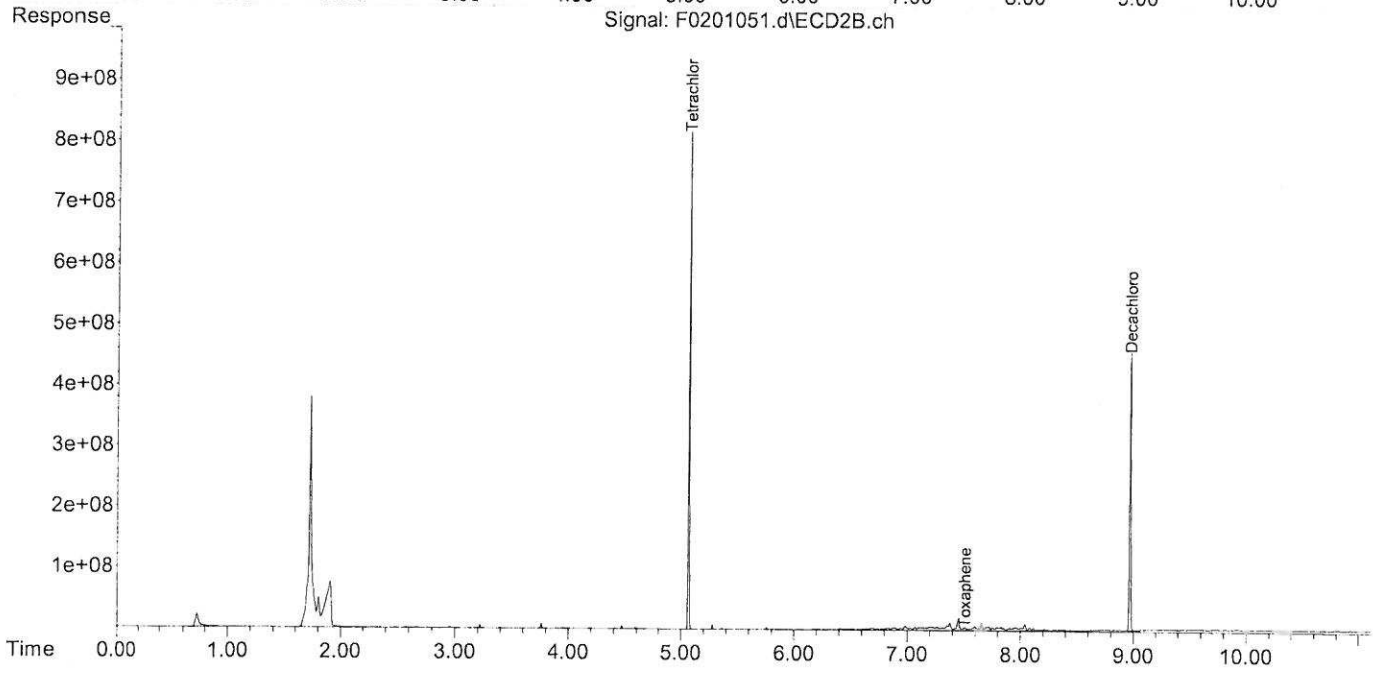
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201051.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:26 am
Operator : JMB
Sample : S001743-CCV8 Inst : ECD 6
Misc : TOX 500
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:16 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201052.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCV9	Injection Time:	00:42

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Chlordane	A	200	211					15
Chlordane [2C]	A	200	259					15
Decachlorobiphenyl	A	200	194	8670293	8431000		-2.8	
Decachlorobiphenyl [2C]	A	200	190	8147007	7747000		-4.9	
Tetrachloro-m-xylene	A	200	219	9589208	1.048E+07		9.3	
Tetrachloro-m-xylene [2C]	A	200	212	1.048983E+07	1.1118E+07		6.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201052.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:42 am
Operator : JMB
Sample : S001743-CCV9 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:49 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.889	5.068	2096.0E6	2223.6E6	218.586	211.995
	Spiked Amount	200.000	Range 60 - 300	Recovery =		109.29%	106.00%
24) S	Decachlor...	8.448	8.970	1686.2E6	1549.4E6	194.489	190.186
	Spiked Amount	200.000	Range 60 - 300	Recovery =		97.24%	95.09%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	5.580	5.824	90270916	103.9E6	207.763	247.789
26) L8	Chlordane{2}	5.627	5.917	118.8E6	164.0E6	199.164	279.351 #
27) L8	Chlordane{3}	5.888	6.231	84091576	123.7E6	185.368	287.767 #
28) L8	Chlordane{4}	6.258	6.723	310.9E6	271.5E6	211.537	242.764
29) L8	Chlordane{5}	6.339	6.759	567.1E6	261.8E6	252.729	237.369
	Sum Chlordane			1171.2E6	924.9E6	1056.562	1295.040
Average	Chlordane					211.312	259.008
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

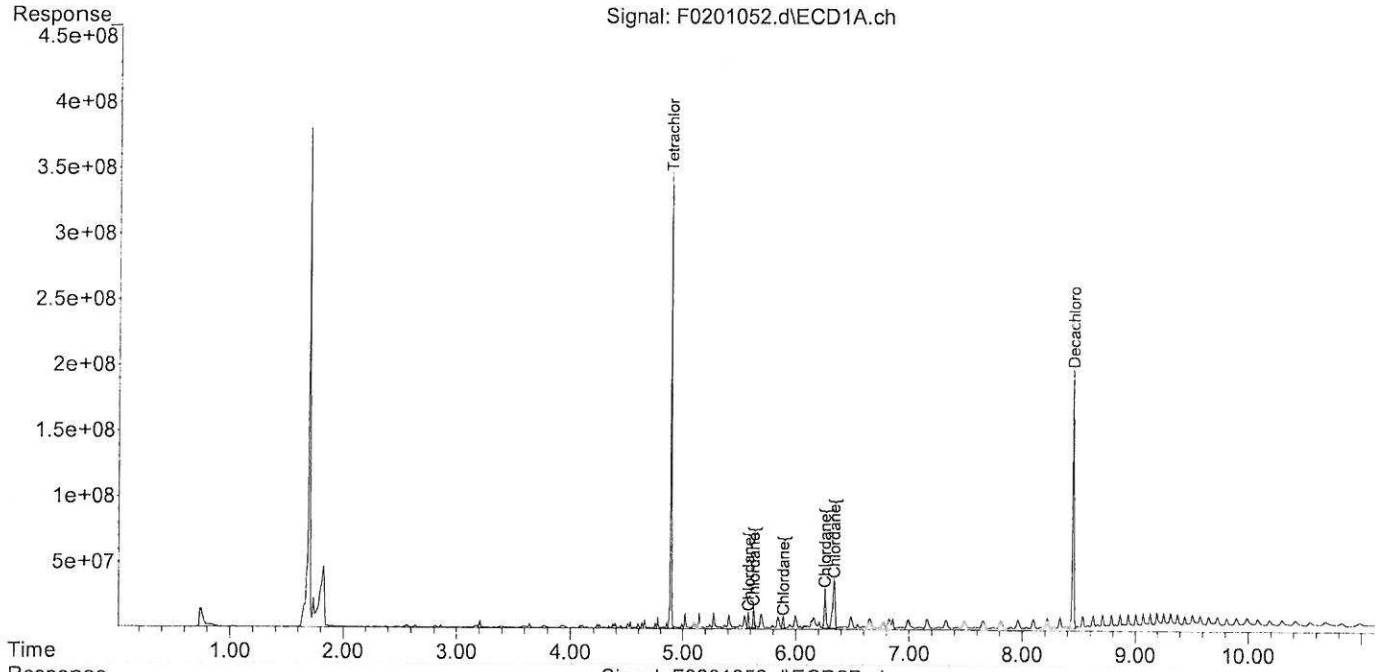
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

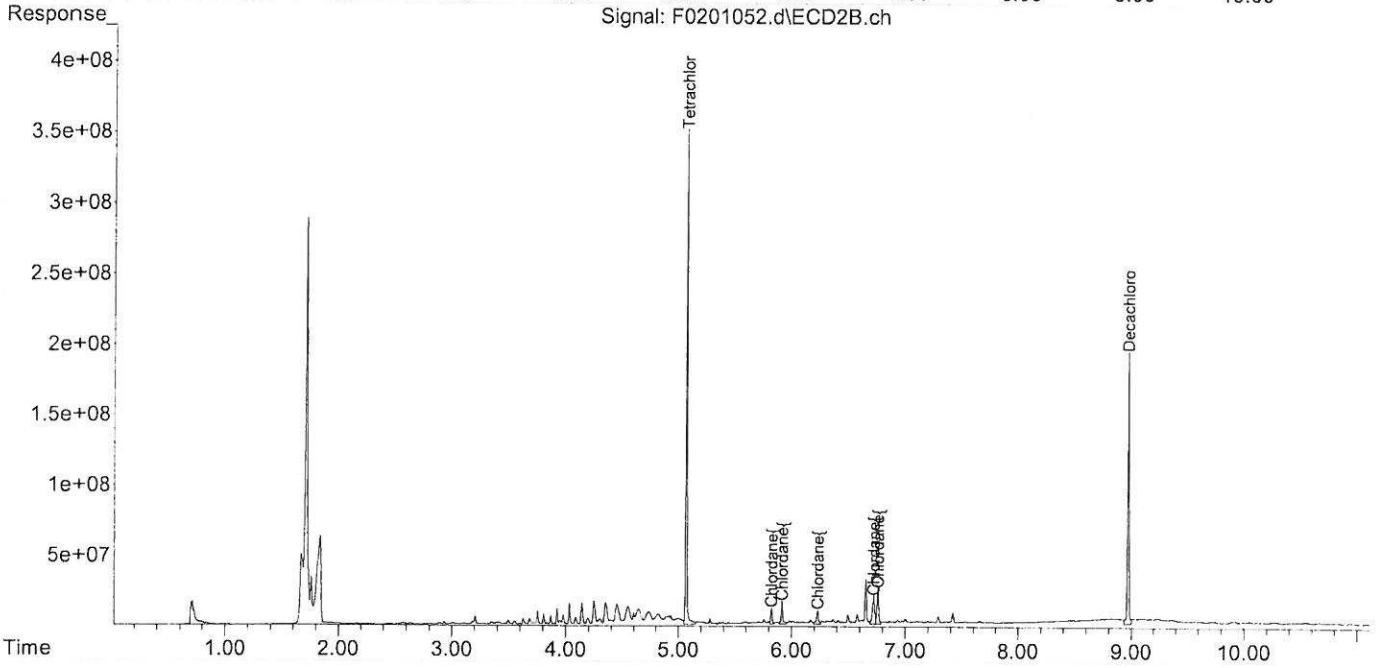
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201052.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:42 am
Operator : JMB
Sample : S001743-CCV9 Inst : ECD 6
Misc : CHLOR 200
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:24:49 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201053.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCVA	Injection Time:	00:59

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
alpha-Chlordane	A	100	103	1.086089E+07	1.1238E+07		3.5	15	
alpha-Chlordane [2C]	A	100	105	1.129676E+07	1.1839E+07		4.8	15	
gamma-Chlordane	A	100	104	1.106332E+07	1.1508E+07		4.0	15	
gamma-Chlordane [2C]	A	100	105	1.166252E+07	1.225E+07		5.0	15	
Alachlor	L	100	102	1395048	1258000		1.9	15	
Alachlor [2C]	L	100	103	1617417	1469000		2.8	15	
Aldrin	A	100	104	1.162216E+07	1.2076E+07		3.9	15	
Aldrin [2C]	A	100	104	1.188221E+07	1.2393E+07		4.3	15	
alpha-BHC	A	100	107	1.368418E+07	1.4698E+07		7.4	15	
alpha-BHC [2C]	A	100	102	1.291196E+07	1.3226E+07		2.4	15	
beta-BHC	A	100	103	5169765	5343000		3.4	15	
beta-BHC [2C]	A	100	99.5	5474764	5446000		-0.5	15	
delta-BHC	A	100	109	1.288149E+07	1.4083E+07		9.3	15	
delta-BHC [2C]	A	100	106	1.340495E+07	1.4249E+07		6.3	15	
gamma-BHC (Lindane)	A	100	109	1.322341E+07	1.438E+07		8.7	15	
gamma-BHC (Lindane) [2C]	A	100	104	1.3289E+07	1.386E+07		4.3	15	
4,4'-DDD	A	100	111	8590658	9518000		10.8	15	
4,4'-DDD [2C]	A	100	113	8871809	1.0016E+07		12.9	15	
4,4'-DDE	A	100	109	1.018584E+07	1.106E+07		8.6	15	
4,4'-DDE [2C]	A	100	109	1.084747E+07	1.1861E+07		9.3	15	
4,4'-DDT	A	100	125	7782837	9755000		25.3	15	*
4,4'-DDT [2C]	A	100	114	8868579	1.0138E+07		14.3	15	
Dieldrin	A	100	104	1.089257E+07	1.135E+07		4.2	15	
Dieldrin [2C]	A	100	107	1.119329E+07	1.1974E+07		7.0	15	
Endosulfan I	A	100	99.9	1.020892E+07	1.0196E+07		-0.1	15	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8081B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD6	Calibration:	1200011
Lab File ID:	F0201053.d	Calibration Date:	02/01/12 00:00
Sequence:	S001743	Injection Date:	02/02/12
Lab Sample ID:	S001743-CCVA	Injection Time:	00:59

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Endosulfan I [2C]	A	100	103	1.024441E+07	1.0551E+07		3.0	15	
Endosulfan II	A	100	103	9425058	9682000		2.7	15	
Endosulfan II [2C]	A	100	105	9714701	1.018E+07		4.8	15	
Endosulfan Sulfate	A	100	103	8535782	8799000		3.1	15	
Endosulfan Sulfate [2C]	A	100	103	8887014	9117000		2.6	15	
Endrin	A	100	108	1.002349E+07	1.0807E+07		7.8	15	
Endrin [2C]	A	100	111	1.009993E+07	1.1164E+07		10.5	15	
Endrin Aldehyde	A	100	92.2	8664572	7992000		-7.8	15	
Endrin Aldehyde [2C]	A	100	100	8237591	8269000		0.4	15	
Endrin Ketone	A	100	98.8	1.085328E+07	1.0725E+07		-1.2	15	
Endrin Ketone [2C]	A	100	98.4	1.097385E+07	1.0795E+07		-1.6	15	
Heptachlor	A	100	105	1.223172E+07	1.2796E+07		4.6	15	
Heptachlor [2C]	A	100	103	1.239239E+07	1.2794E+07		3.2	15	
Heptachlor Epoxide	A	100	100	1.073191E+07	1.0785E+07		0.5	15	
Heptachlor Epoxide [2C]	A	100	102	1.105778E+07	1.1241E+07		1.7	15	
Hexachlorobenzene	A	100	102	1.050206E+07	1.0706E+07		1.9	15	
Hexachlorobenzene [2C]	A	100	97.1	9119072	8857000		-2.9	15	
Methoxychlor	A	100	116	3954861	4594000		16.2	15	*
Methoxychlor [2C]	A	100	104	4397914	4570000		3.9	15	
Decachlorobiphenyl	A	100	90.7	8670293	7865000		-9.3		
Decachlorobiphenyl [2C]	A	100	96.8	8147007	7884000		-3.2		
Tetrachloro-m-xylene	A	100	103	9589208	9918000		3.4		
Tetrachloro-m-xylene [2C]	A	100	99.0	1.048983E+07	1.0379E+07		-1.1		

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201053.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:59 am
Operator : JMB
Sample : S001743-CCVA Inst : ECD 6
Misc : PEST 100
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:26:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.889	5.067	991.8E6	1037.9E6	103.431	98.955
	Spiked Amount	200.000	Range	60 - 300	Recovery =	51.72%#	49.48%#
24)	S Decachlor...	8.448	8.970	786.5E6	788.4E6	90.710	96.776
	Spiked Amount	200.000	Range	60 - 300	Recovery =	45.35%#	48.39%#
	Target Compounds						
2)	T Hexachlor...	5.096	5.339	1070.6E6	885.7E6	101.937	97.118
3)	T alpha-BHC	5.187	5.423	1469.8E6	1322.6E6	107.418	102.434
4)	T gamma-BHC	5.360	5.638	1438.0E6	1386.0E6	108.754	104.294
5)	T Beta-BHC	5.412	5.692	534.3E6	544.6E6	103.338	99.475
6)	T Delta-BHC	5.510	5.877	1408.3E6	1424.9E6	109.330	106.300
7)	T Heptachlor	5.627	5.917	1279.6E6	1279.4E6	104.613	103.238
8)	T Aldrin	5.802	6.128	1207.6E6	1239.3E6	103.907	104.298
9)	T Alachlor	5.901	6.064	125.8E6	146.9E6	101.874	102.810
10)	T Heptachlo...	6.177	6.520	1078.5E6	1124.1E6	100.500	101.648
11)	T Y-Chlordane	6.258	6.654	1150.8E6	1225.0E6	104.021	105.047
12)	T A-Chlordane	6.344	6.759	1123.8E6	1183.9E6	103.475	104.802
13)	T 4,4-DDE	6.407	6.889	1106.0E6	1186.1E6	108.588	109.360
14)	T Endo-I	6.429	6.798	1019.6E6	1055.1E6	99.870	103.000
15)	T Dieldrin	6.590	6.997	1135.0E6	1197.4E6	104.193	106.974
16)	T Endrin	6.746	7.223	1080.7E6	1116.4E6	107.811	110.532
17)	T 4,4-DDD	6.813	7.322	951.8E6	1001.6E6	110.789	112.894
18)	T Endo-II	6.902	7.385	968.2E6	1018.0E6	102.728	104.787
19)	T 4,4-DDT	7.011	7.563	975.5E6	1013.8E6	125.348	114.308
20)	T Endrin Al...	7.204	7.645	799.2E6	826.9E6	92.235	100.384
21)	T Methoxychlor	7.382	8.098	459.4E6	457.0E6	116.167	103.925
22)	T End Sulf	7.524	7.863	879.9E6	911.7E6	103.085	102.589
23)	T Endrin Ke...	7.729	8.240	1072.5E6	1079.5E6	98.822	98.364
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

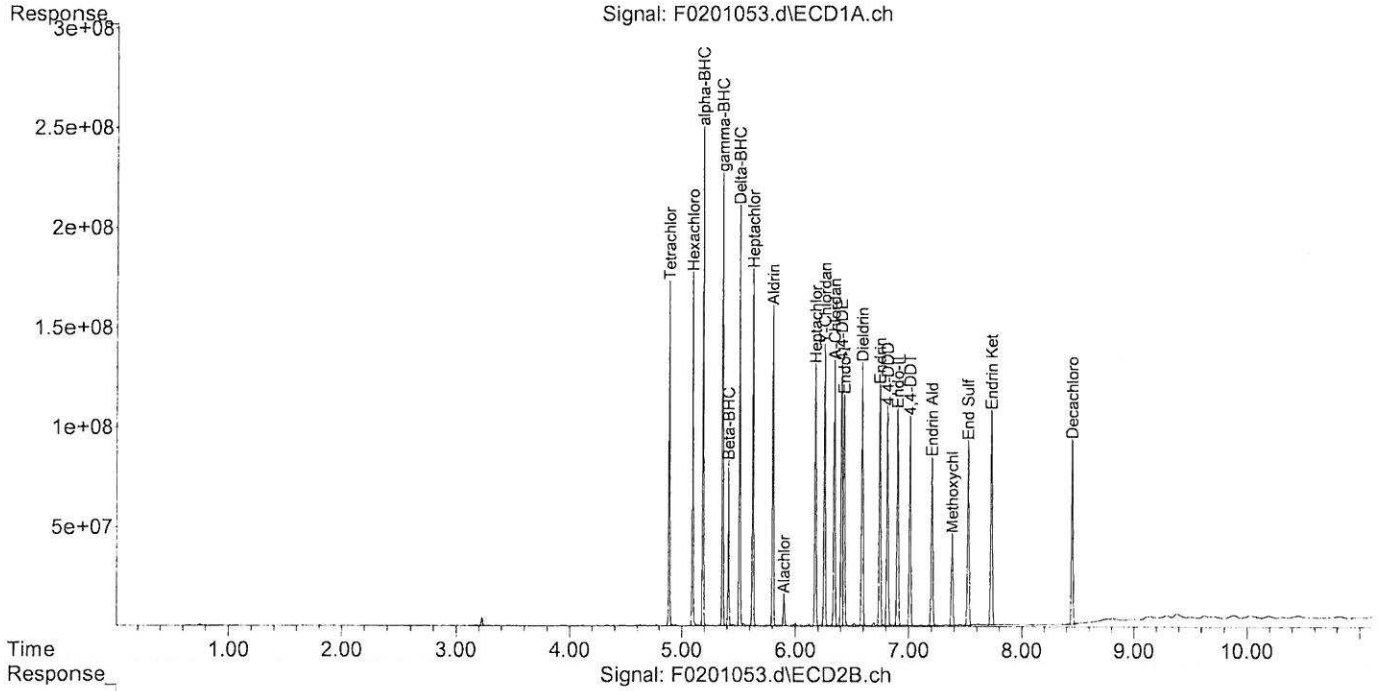
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

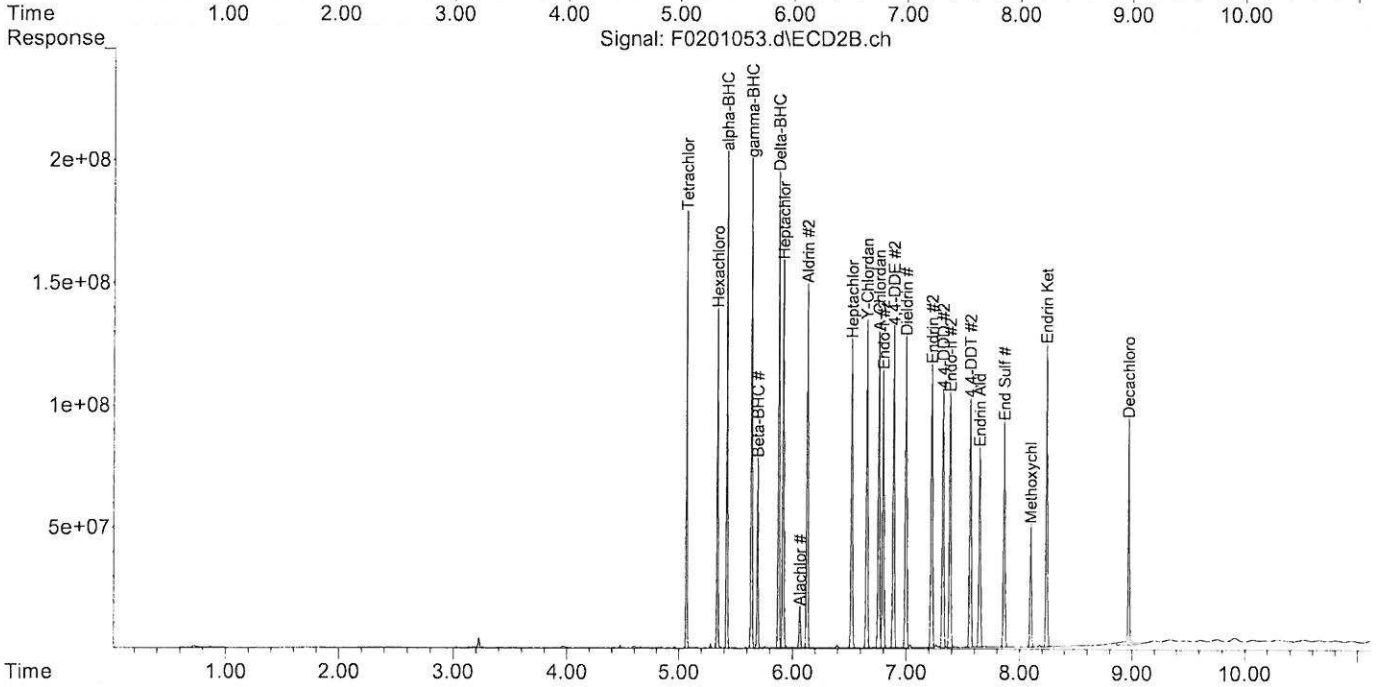
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201053.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 2 Feb 2012 12:59 am
Operator : JMB
Sample : S001743-CCVA Inst : ECD 6
Misc : PEST 100
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:26:08 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BLK1	File ID:	F0201028.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor		0.0011	0.020	
309-00-2	Aldrin		0.00050	0.0050	
319-84-6	alpha-BHC		0.00060	0.0050	
319-85-7	beta-BHC		0.00090	0.0050	
319-86-8	delta-BHC		0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)		0.00080	0.0020	
57-74-9	Chlordane		0.0028	0.020	
72-54-8	4,4'-DDD		0.00010	0.0040	
72-55-9	4,4'-DDE		0.00010	0.0040	
50-29-3	4,4'-DDT		0.00010	0.0040	
60-57-1	Dieldrin		0.00010	0.0040	
959-98-8	Endosulfan I		0.00080	0.0050	
33213-65-9	Endosulfan II		0.0010	0.0080	
1031-07-8	Endosulfan Sulfate		0.0013	0.0080	
72-20-8	Endrin		0.00020	0.0080	
7421-93-4	Endrin Aldehyde		0.0011	0.0080	
53494-70-5	Endrin Ketone		0.0012	0.0080	
76-44-8	Heptachlor		0.00050	0.0050	
1024-57-3	Heptachlor Epoxide		0.00060	0.0050	
118-74-1	Hexachlorobenzene		0.0014	0.0050	
72-43-5	Methoxychlor		0.00030	0.050	
8001-35-2	Toxaphene		0.0088	0.10	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	1795.0E6	1858.1E6	187.194	177.142
	Spiked Amount	200.000	Range 60 - 300	Recovery =		93.60%	88.57%
24) S	Decachlor...	8.454	8.975	1582.3E6	1517.6E6	182.497	186.291
	Spiked Amount	200.000	Range 60 - 300	Recovery =		91.25%	93.15%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

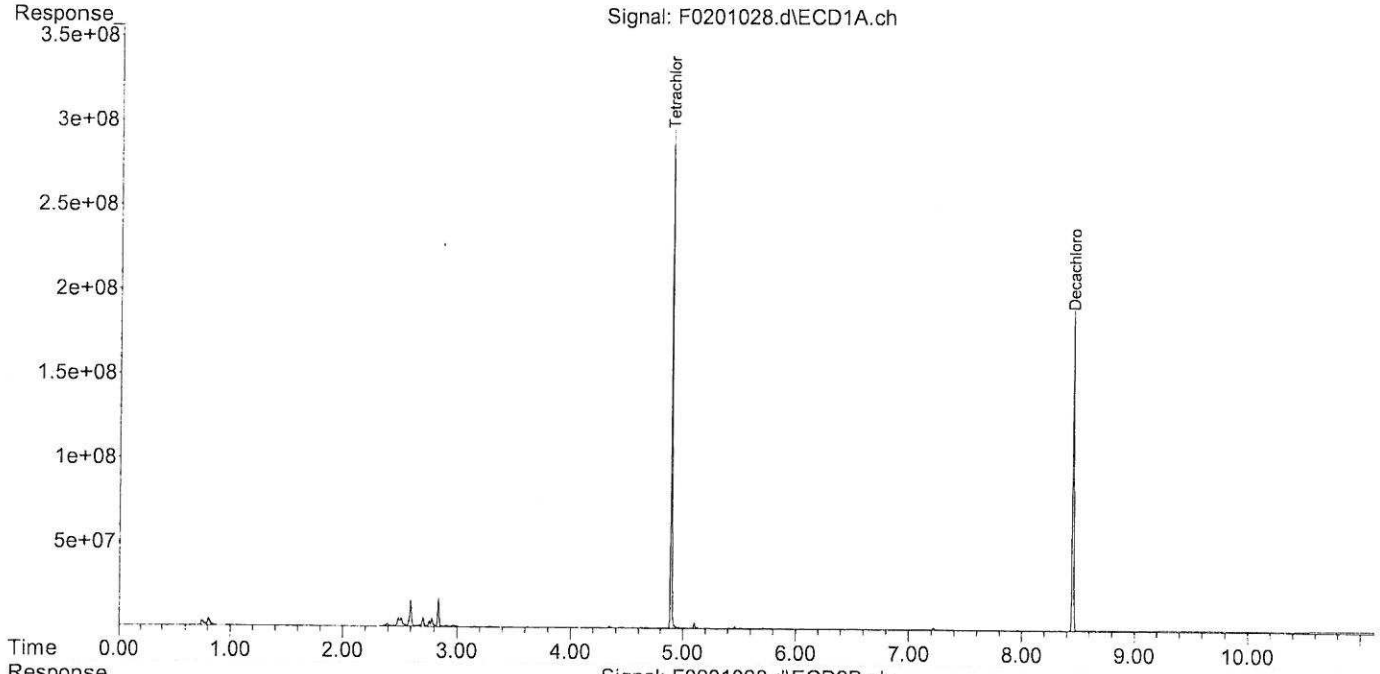
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

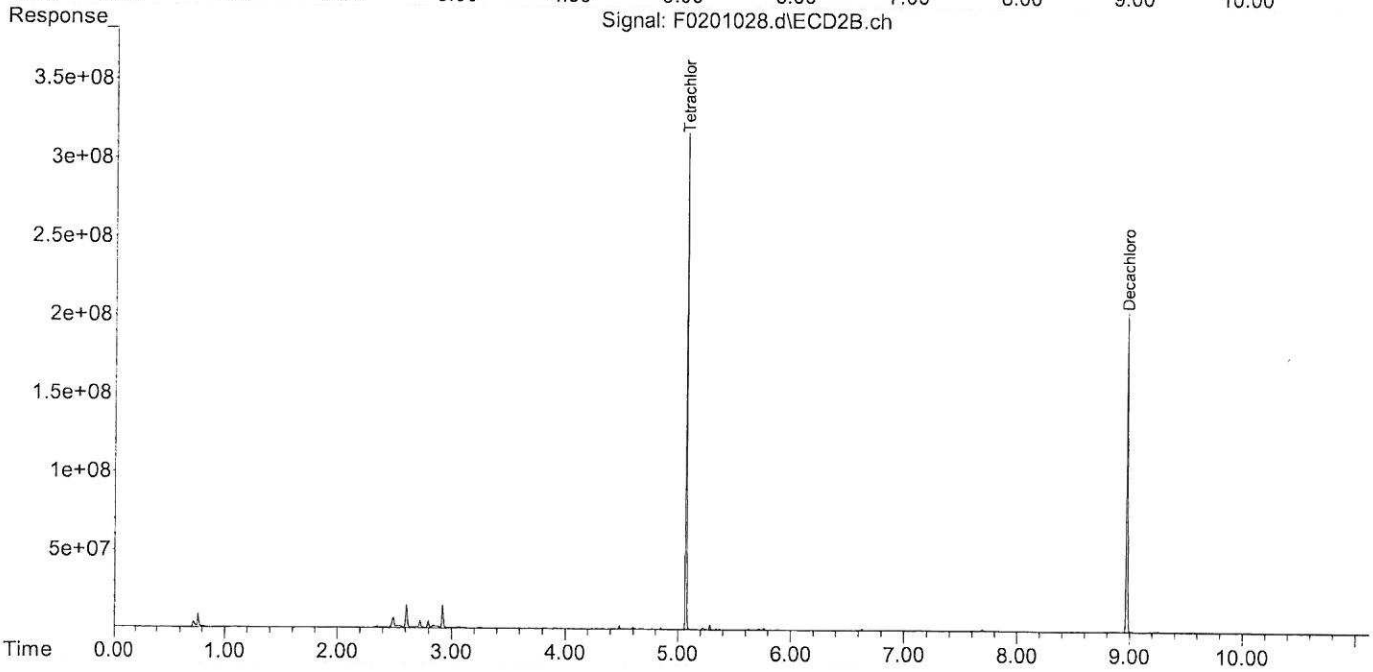
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BLK1	File ID:	F0201028.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]		0.0011	0.020	
309-00-2	Aldrin [2C]		0.00050	0.0050	
319-84-6	alpha-BHC [2C]		0.00060	0.0050	
319-85-7	beta-BHC [2C]		0.00090	0.0050	
319-86-8	delta-BHC [2C]		0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]		0.00080	0.0020	
57-74-9	Chlordane [2C]		0.0028	0.020	
72-54-8	4,4'-DDD [2C]		0.00010	0.0040	
72-55-9	4,4'-DDE [2C]		0.00010	0.0040	
50-29-3	4,4'-DDT [2C]		0.00010	0.0040	
60-57-1	Dieldrin [2C]		0.00010	0.0040	
959-98-8	Endosulfan I [2C]		0.00080	0.0050	
33213-65-9	Endosulfan II [2C]		0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]		0.0013	0.0080	
72-20-8	Endrin [2C]		0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]		0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]		0.0012	0.0080	
76-44-8	Heptachlor [2C]		0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]		0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]		0.0014	0.0050	
72-43-5	Methoxychlor [2C]		0.00030	0.050	
8001-35-2	Toxaphene [2C]		0.0088	0.10	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.896	5.074	1795.0E6	1858.1E6	187.194	177.142
	Spiked Amount	200.000	Range 60 - 300	Recovery =		93.60%	88.57%
24) S	Decachlor...	8.454	8.975	1582.3E6	1517.6E6	182.497	186.291
	Spiked Amount	200.000	Range 60 - 300	Recovery =		91.25%	93.15%
	Target Compounds						
2) T	Hexachlor...	0.000	0.000	0	0	N.D. d	N.D. d
3) T	alpha-BHC	0.000	0.000	0	0	N.D. d	N.D. d
4) T	gamma-BHC	0.000	0.000	0	0	N.D. d	N.D. d
5) T	Beta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
6) T	Delta-BHC	0.000	0.000	0	0	N.D. d	N.D. d
7) T	Heptachlor	0.000	0.000	0	0	N.D. d	N.D. d
8) T	Aldrin	0.000	0.000	0	0	N.D. d	N.D. d
9) T	Alachlor	0.000	0.000	0	0	N.D. d	N.D. d
10) T	Heptachlo...	0.000	0.000	0	0	N.D. d	N.D. d
11) T	Y-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
12) T	A-Chlordane	0.000	0.000	0	0	N.D. d	N.D. d
13) T	4,4-DDE	0.000	0.000	0	0	N.D. d	N.D. d
14) T	Endo-I	0.000	0.000	0	0	N.D. d	N.D. d
15) T	Dieldrin	0.000	0.000	0	0	N.D. d	N.D. d
16) T	Endrin	0.000	0.000	0	0	N.D. d	N.D. d
17) T	4,4-DDD	0.000	0.000	0	0	N.D. d	N.D. d
18) T	Endo-II	0.000	0.000	0	0	N.D. d	N.D. d
19) T	4,4-DDT	0.000	0.000	0	0	N.D. d	N.D. d
20) T	Endrin Al...	0.000	0.000	0	0	N.D. d	N.D. d
21) T	Methoxychlor	0.000	0.000	0	0	N.D. d	N.D. d
22) T	End Sulf	0.000	0.000	0	0	N.D. d	N.D. d
23) T	Endrin Ke...	0.000	0.000	0	0	N.D. d	N.D. d
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

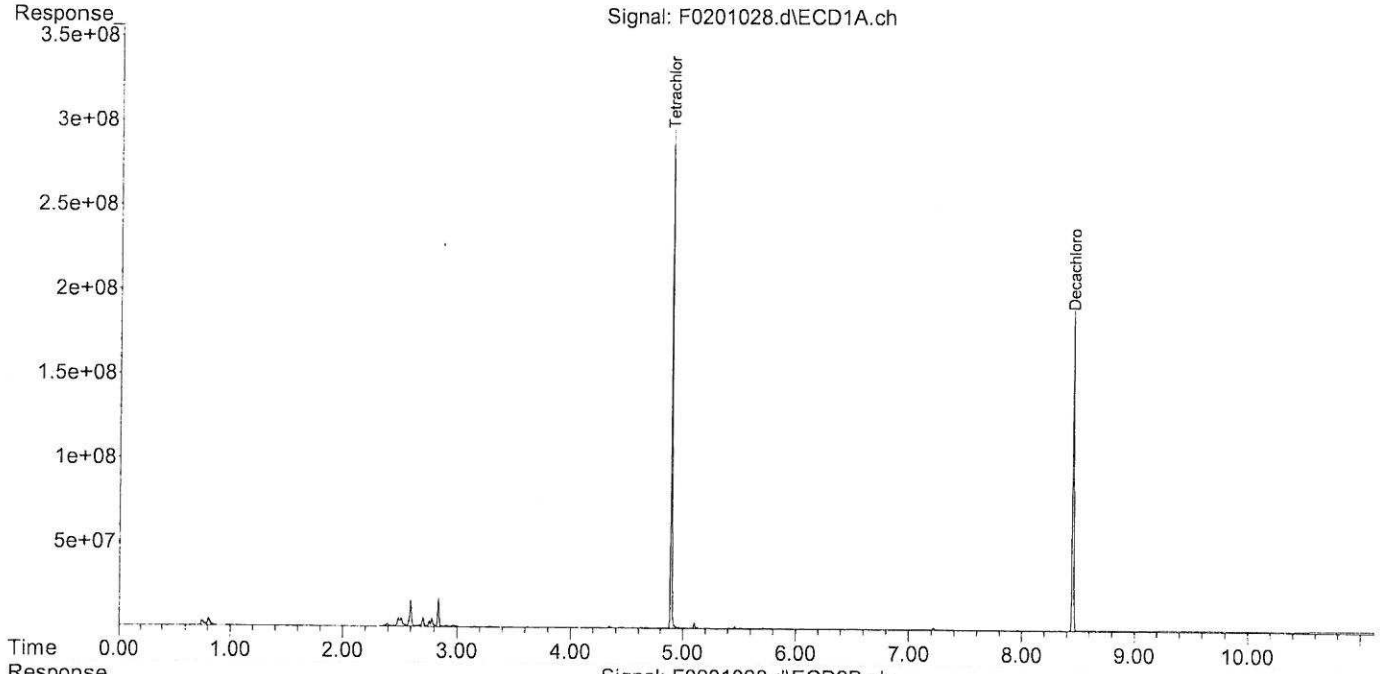
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

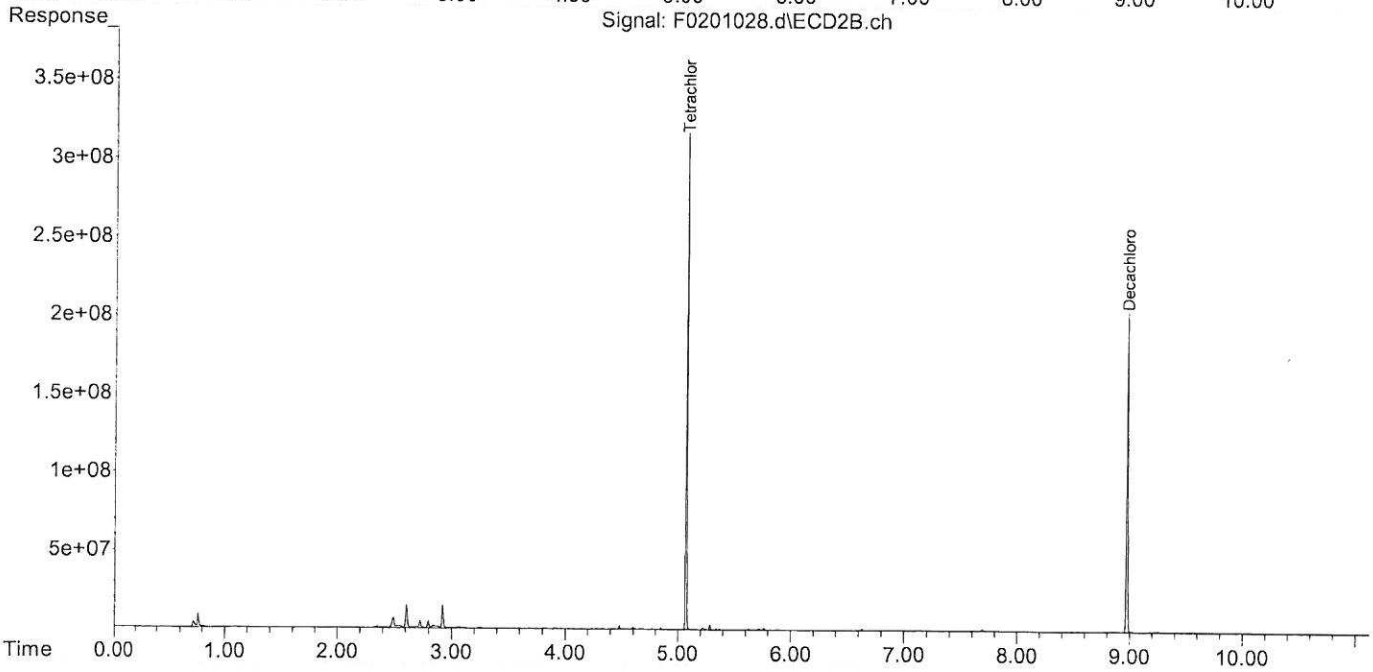
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201028.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:02 pm
Operator : JMB
Sample : B045472-BLK1@SEP Inst : ECD 6
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:09:54 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BS1	File ID:	F0201029.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:19
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor	0.018	0.0011	0.020	
309-00-2	Aldrin	0.020	0.00050	0.0050	
319-84-6	alpha-BHC	0.019	0.00060	0.0050	
319-85-7	beta-BHC	0.020	0.00090	0.0050	
319-86-8	delta-BHC	0.019	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)	0.019	0.00080	0.0020	
72-54-8	4,4'-DDD	0.020	0.00010	0.0040	
72-55-9	4,4'-DDE	0.020	0.00010	0.0040	
50-29-3	4,4'-DDT	0.021	0.00010	0.0040	
60-57-1	Dieldrin	0.021	0.00010	0.0040	
959-98-8	Endosulfan I	0.020	0.00080	0.0050	
33213-65-9	Endosulfan II	0.020	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate	0.020	0.0013	0.0080	
72-20-8	Endrin	0.020	0.00020	0.0080	
7421-93-4	Endrin Aldehyde	0.015	0.0011	0.0080	
53494-70-5	Endrin Ketone	0.019	0.0012	0.0080	
76-44-8	Heptachlor	0.020	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide	0.020	0.00060	0.0050	
118-74-1	Hexachlorobenzene	0.020	0.0014	0.0050	
72-43-5	Methoxychlor	0.021	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.893	5.071	1711.1E6	1745.4E6	178.445	166.398
	Spiked Amount	200.000	Range 60 - 300	Recovery =		89.22%	83.20%
24)	S Decachlor...	8.452	8.973	1514.5E6	1449.9E6	174.681	177.979
	Spiked Amount	200.000	Range 60 - 300	Recovery =		87.34%	88.99%
	Target Compounds						
2)	T Hexachlor...	5.100	5.343	206.7E6	168.5E6	19.677	18.480
3)	T alpha-BHC	5.191	5.427	257.8E6	239.7E6	18.837	18.561
4)	T gamma-BHC	5.364	5.642	247.7E6	250.3E6	18.731	18.834
5)	T Beta-BHC	5.416	5.696	103.8E6	104.1E6	20.085	19.010
6)	T Delta-BHC	5.514	5.881	241.6E6	242.2E6	18.759	18.071
7)	T Heptachlor	5.631	5.921	242.8E6	248.2E6	19.853	20.030
8)	T Aldrin	5.807	6.133	234.7E6	240.0E6	20.198	20.195
9)	T Alachlor	5.906	6.069	26200853	31162979	18.406	18.818
10)	T Heptachlo...	6.182	6.524	213.3E6	221.5E6	19.879	20.028
11)	T Y-Chlordane	6.263	6.659	213.2E6	225.1E6	19.272	19.304
12)	T A-Chlordane	6.349	6.764	212.1E6	220.7E6	19.529	19.532
13)	T 4,4-DDE	6.412	6.893	202.3E6	218.1E6	19.857	20.109
14)	T Endo-I	6.435	6.802	204.6E6	205.4E6	20.045	20.048
15)	T Dieldrin	6.595	7.002	223.7E6	231.4E6	20.531	20.673
16)	T Endrin	6.751	7.227	203.8E6	207.3E6	20.331	20.527
17)	T 4,4-DDD	6.819	7.327	168.7E6	175.4E6	19.641	19.769
18)	T Endo-II	6.908	7.389	186.9E6	192.6E6	19.834	19.823
19)	T 4,4-DDT	7.016	7.567	164.2E6	182.1E6	21.100	20.535
20)	T Endrin Al...	7.210	7.650	130.0E6	127.8E6	15.002	15.512
21)	T Methoxychlor	7.388	8.103	83606157	90138551	21.141	20.496
22)	T End Sulf	7.529	7.867	169.2E6	177.2E6	19.818	19.939
23)	T Endrin Ke...	7.735	8.245	208.9E6	210.9E6	19.248	19.215
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

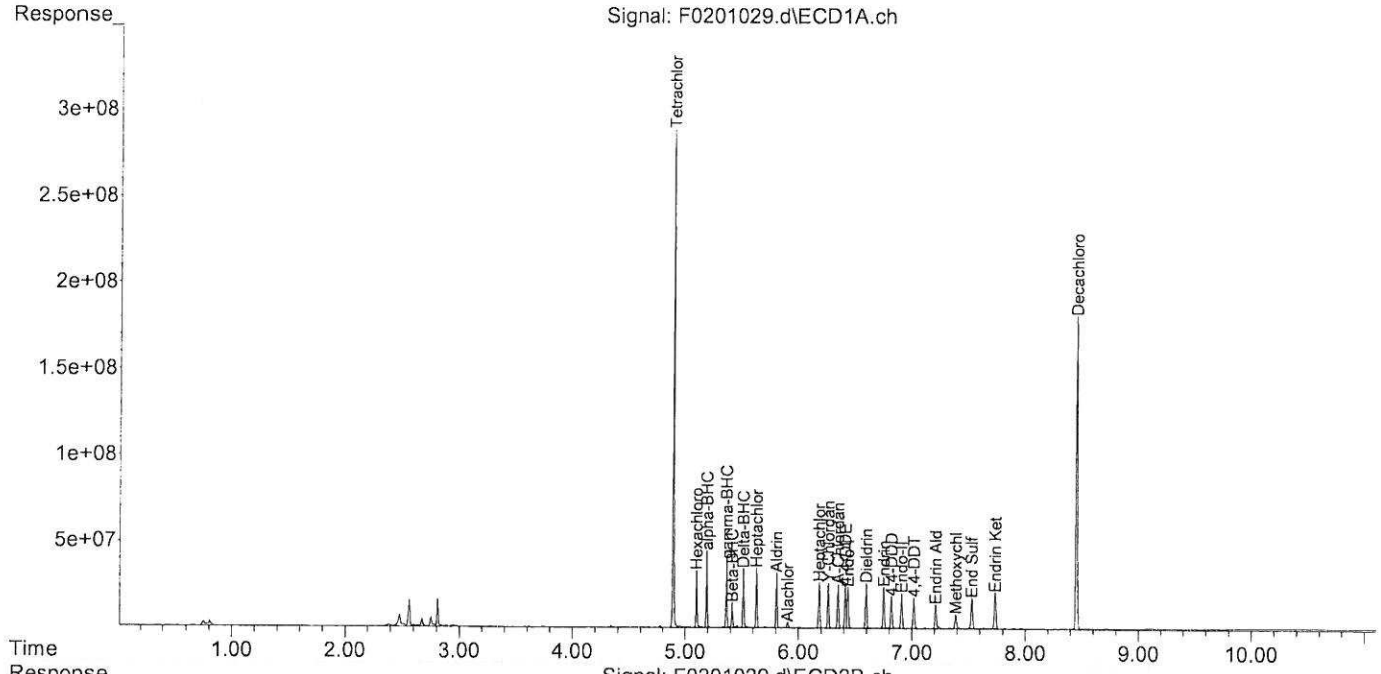
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

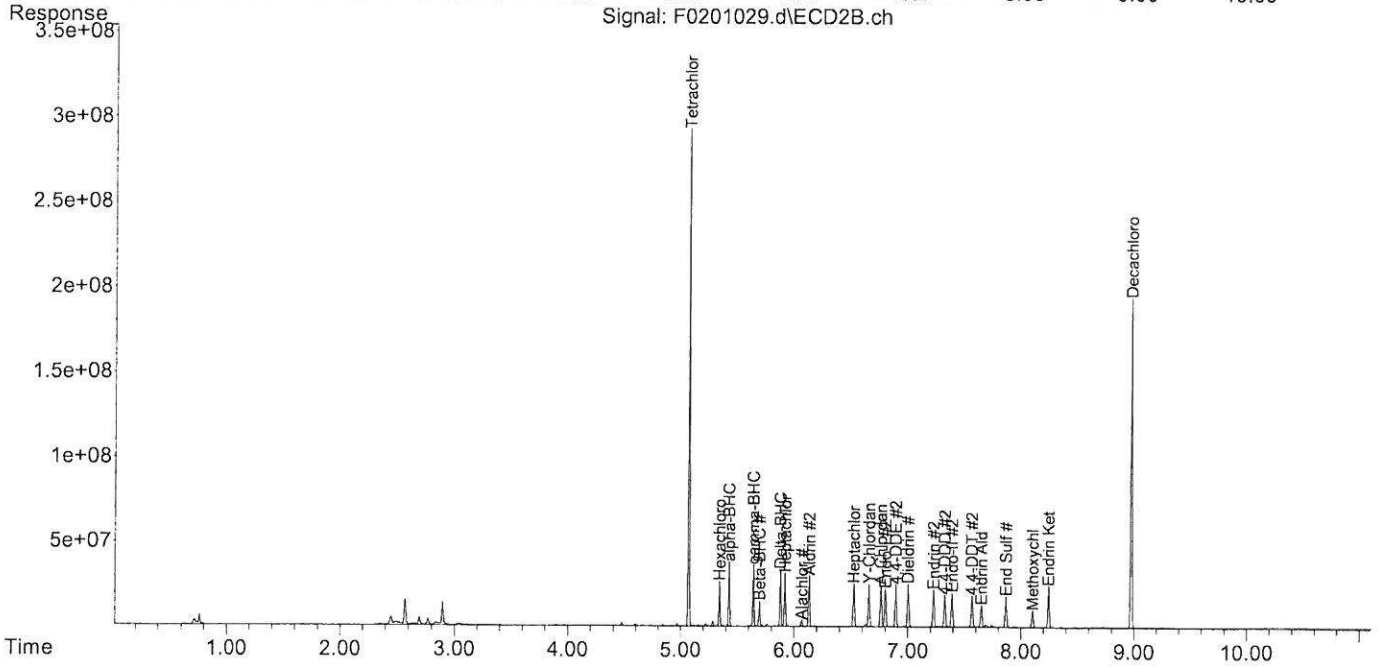
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BS1	File ID:	F0201029.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:19
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.019	0.0011	0.020	
309-00-2	Aldrin [2C]	0.020	0.00050	0.0050	
319-84-6	alpha-BHC [2C]	0.019	0.00060	0.0050	
319-85-7	beta-BHC [2C]	0.019	0.00090	0.0050	
319-86-8	delta-BHC [2C]	0.018	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]	0.019	0.00080	0.0020	
72-54-8	4,4'-DDD [2C]	0.020	0.00010	0.0040	
72-55-9	4,4'-DDE [2C]	0.020	0.00010	0.0040	
50-29-3	4,4'-DDT [2C]	0.021	0.00010	0.0040	
60-57-1	Dieldrin [2C]	0.021	0.00010	0.0040	
959-98-8	Endosulfan I [2C]	0.020	0.00080	0.0050	
33213-65-9	Endosulfan II [2C]	0.020	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]	0.020	0.0013	0.0080	
72-20-8	Endrin [2C]	0.021	0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]	0.016	0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]	0.019	0.0012	0.0080	
76-44-8	Heptachlor [2C]	0.020	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]	0.020	0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]	0.018	0.0014	0.0050	
72-43-5	Methoxychlor [2C]	0.020	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.893	5.071	1711.1E6	1745.4E6	178.445	166.398
	Spiked Amount	200.000	Range 60 - 300	Recovery =		89.22%	83.20%
24)	S Decachlor...	8.452	8.973	1514.5E6	1449.9E6	174.681	177.979
	Spiked Amount	200.000	Range 60 - 300	Recovery =		87.34%	88.99%
	Target Compounds						
2)	T Hexachlor...	5.100	5.343	206.7E6	168.5E6	19.677	18.480
3)	T alpha-BHC	5.191	5.427	257.8E6	239.7E6	18.837	18.561
4)	T gamma-BHC	5.364	5.642	247.7E6	250.3E6	18.731	18.834
5)	T Beta-BHC	5.416	5.696	103.8E6	104.1E6	20.085	19.010
6)	T Delta-BHC	5.514	5.881	241.6E6	242.2E6	18.759	18.071
7)	T Heptachlor	5.631	5.921	242.8E6	248.2E6	19.853	20.030
8)	T Aldrin	5.807	6.133	234.7E6	240.0E6	20.198	20.195
9)	T Alachlor	5.906	6.069	26200853	31162979	18.406	18.818
10)	T Heptachlo...	6.182	6.524	213.3E6	221.5E6	19.879	20.028
11)	T Y-Chlordane	6.263	6.659	213.2E6	225.1E6	19.272	19.304
12)	T A-Chlordane	6.349	6.764	212.1E6	220.7E6	19.529	19.532
13)	T 4,4-DDE	6.412	6.893	202.3E6	218.1E6	19.857	20.109
14)	T Endo-I	6.435	6.802	204.6E6	205.4E6	20.045	20.048
15)	T Dieldrin	6.595	7.002	223.7E6	231.4E6	20.531	20.673
16)	T Endrin	6.751	7.227	203.8E6	207.3E6	20.331	20.527
17)	T 4,4-DDD	6.819	7.327	168.7E6	175.4E6	19.641	19.769
18)	T Endo-II	6.908	7.389	186.9E6	192.6E6	19.834	19.823
19)	T 4,4-DDT	7.016	7.567	164.2E6	182.1E6	21.100	20.535
20)	T Endrin Al...	7.210	7.650	130.0E6	127.8E6	15.002	15.512
21)	T Methoxychlor	7.388	8.103	83606157	90138551	21.141	20.496
22)	T End Sulf	7.529	7.867	169.2E6	177.2E6	19.818	19.939
23)	T Endrin Ke...	7.735	8.245	208.9E6	210.9E6	19.248	19.215
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

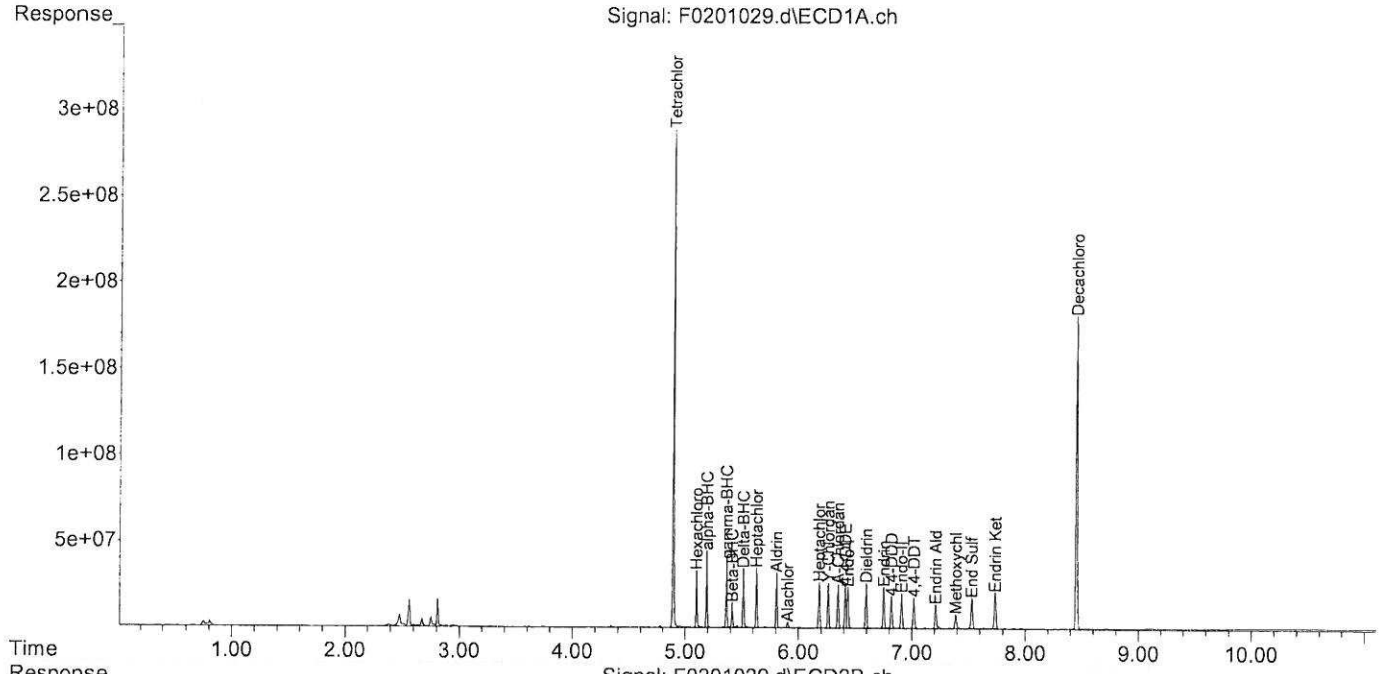
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

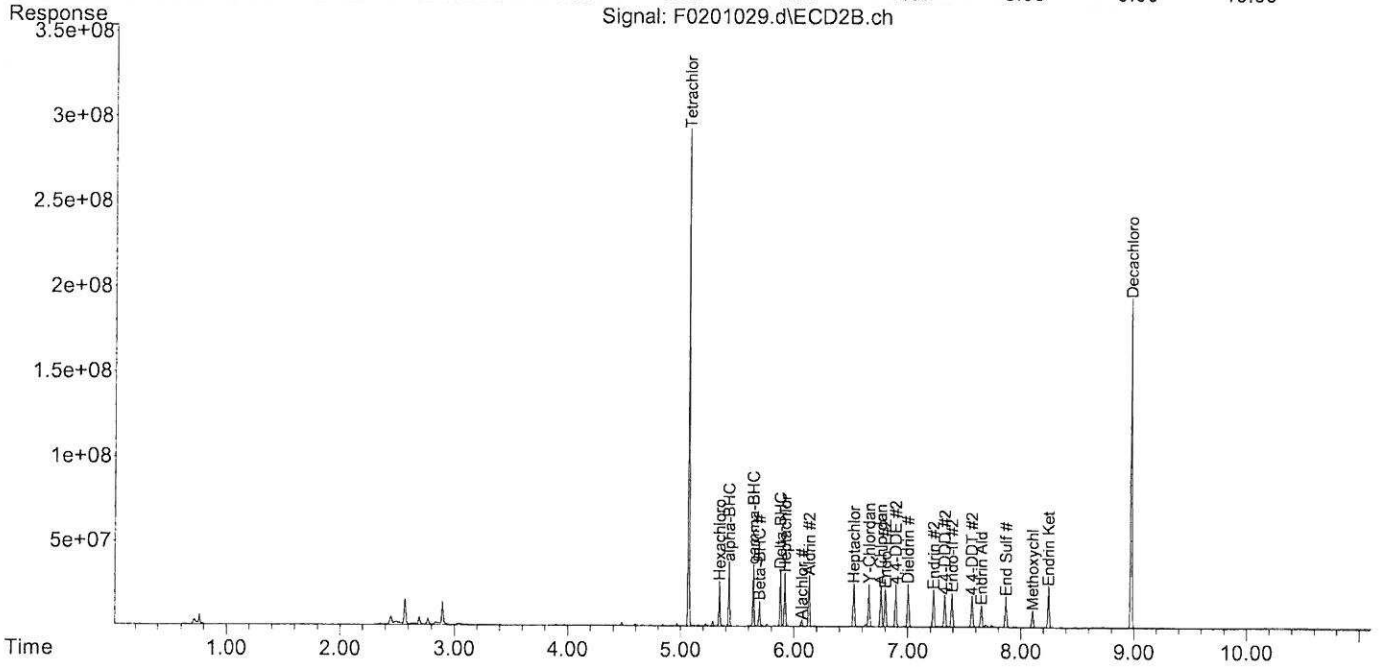
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201029.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:19 pm
Operator : JMB
Sample : B045472-BS1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:18 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BSD1	File ID:	F0201030.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:36
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor	0.016	0.0011	0.020	
309-00-2	Aldrin	0.018	0.00050	0.0050	
319-84-6	alpha-BHC	0.017	0.00060	0.0050	
319-85-7	beta-BHC	0.018	0.00090	0.0050	
319-86-8	delta-BHC	0.017	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane)	0.017	0.00080	0.0020	
72-54-8	4,4'-DDD	0.018	0.00010	0.0040	
72-55-9	4,4'-DDE	0.018	0.00010	0.0040	
50-29-3	4,4'-DDT	0.019	0.00010	0.0040	
60-57-1	Dieldrin	0.019	0.00010	0.0040	
959-98-8	Endosulfan I	0.018	0.00080	0.0050	
33213-65-9	Endosulfan II	0.018	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate	0.018	0.0013	0.0080	
72-20-8	Endrin	0.018	0.00020	0.0080	
7421-93-4	Endrin Aldehyde	0.014	0.0011	0.0080	
53494-70-5	Endrin Ketone	0.017	0.0012	0.0080	
76-44-8	Heptachlor	0.018	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide	0.018	0.00060	0.0050	
118-74-1	Hexachlorobenzene	0.018	0.0014	0.0050	
72-43-5	Methoxychlor	0.019	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.070	1584.1E6	1678.4E6	165.207	160.012
	Spiked Amount	200.000	Range 60 - 300	Recovery =		82.60%	80.01%
24) S	Decachlor...	8.451	8.972	1397.6E6	1334.4E6	161.201	163.798
	Spiked Amount	200.000	Range 60 - 300	Recovery =		80.60%	81.90%
	Target Compounds						
2) T	Hexachlor...	5.099	5.342	184.5E6	151.1E6	17.565	16.566
3) T	alpha-BHC	5.190	5.426	236.4E6	218.6E6	17.279	16.933
4) T	gamma-BHC	5.363	5.642	224.4E6	223.4E6	16.969	16.808
5) T	Beta-BHC	5.415	5.695	90671844	94668117	17.538	17.293
6) T	Delta-BHC	5.514	5.880	217.8E6	222.9E6	16.911	16.625
7) T	Heptachlor	5.631	5.920	220.0E6	225.1E6	17.986	18.167
8) T	Aldrin	5.806	6.132	212.0E6	216.6E6	18.238	18.232
9) T	Alachlor	5.905	6.067	23803584	28350827	16.397	16.777
10) T	Heptachlo...	6.181	6.523	193.7E6	199.8E6	18.045	18.064
11) T	Y-Chlordane	6.262	6.658	192.2E6	203.3E6	17.373	17.431
12) T	A-Chlordane	6.348	6.763	191.0E6	198.3E6	17.584	17.556
13) T	4,4-DDE	6.412	6.892	181.9E6	195.7E6	17.858	18.041
14) T	Endo-I	6.434	6.801	183.5E6	185.3E6	17.970	18.088
15) T	Dieldrin	6.595	7.001	201.6E6	207.6E6	18.507	18.551
16) T	Endrin	6.751	7.227	183.6E6	186.3E6	18.318	18.444
17) T	4,4-DDD	6.818	7.326	151.7E6	156.9E6	17.658	17.690
18) T	Endo-II	6.907	7.388	167.5E6	173.5E6	17.775	17.854
19) T	4,4-DDT	7.016	7.566	145.2E6	163.3E6	18.661	18.410
20) T	Endrin Al...	7.209	7.650	118.4E6	116.5E6	13.667	14.144
21) T	Methoxychlor	7.387	8.101	75085778	81980534	18.986	18.641
22) T	End Sulf	7.529	7.867	152.6E6	159.6E6	17.880	17.964
23) T	Endrin Ke...	7.735	8.243	185.5E6	189.5E6	17.096	17.266
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

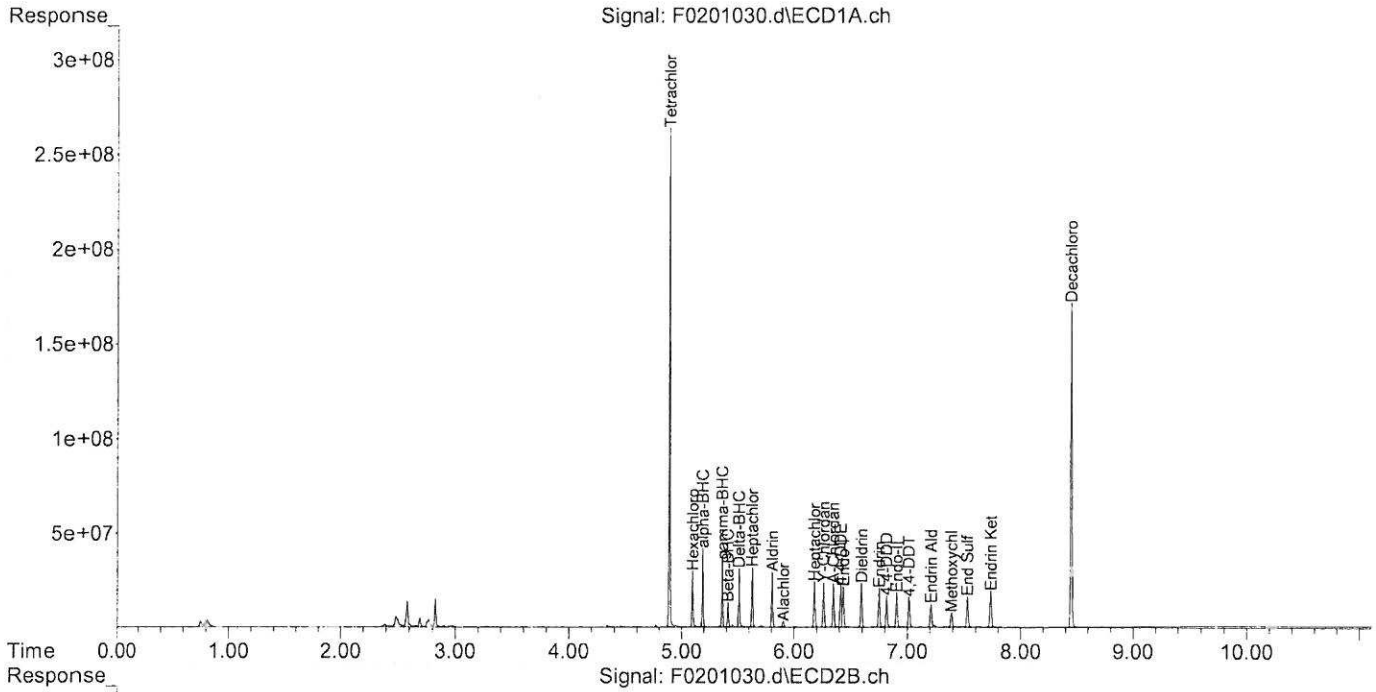
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

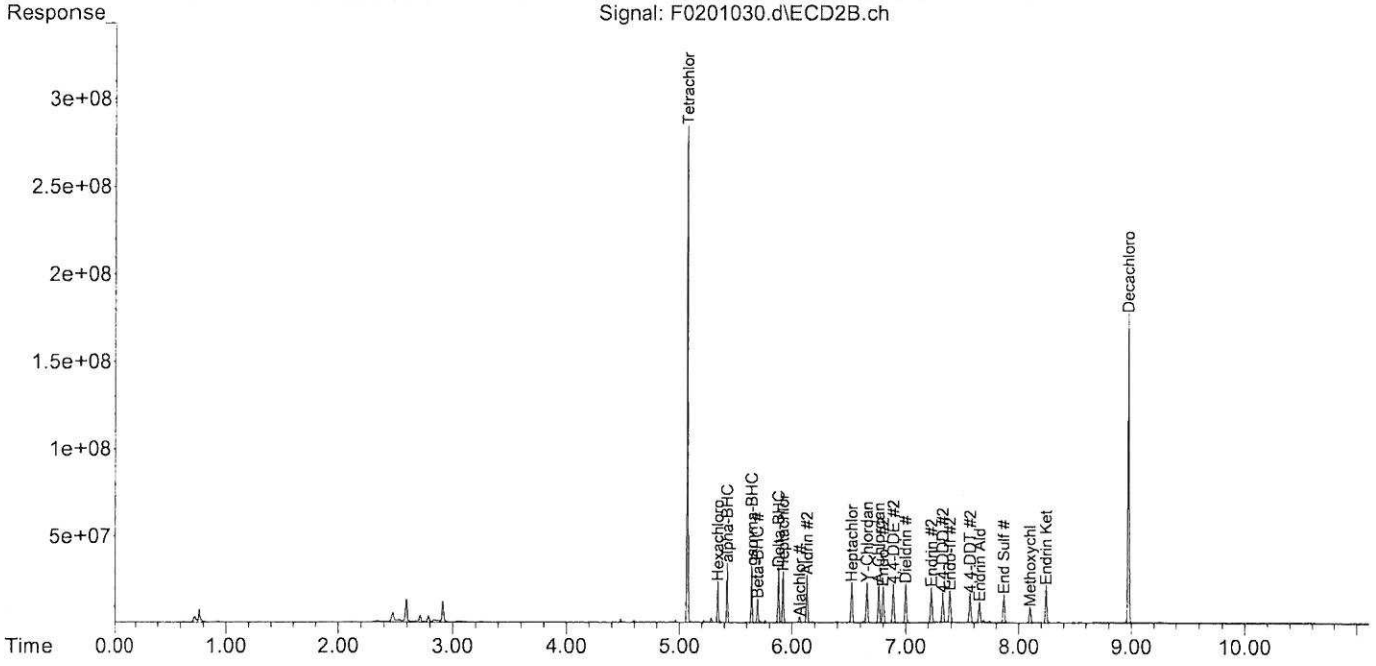
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-BSD1	File ID:	F0201030.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 18:36
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.017	0.0011	0.020	
309-00-2	Aldrin [2C]	0.018	0.00050	0.0050	
319-84-6	alpha-BHC [2C]	0.017	0.00060	0.0050	
319-85-7	beta-BHC [2C]	0.017	0.00090	0.0050	
319-86-8	delta-BHC [2C]	0.017	0.00070	0.0050	
58-89-9	gamma-BHC (Lindane) [2C]	0.017	0.00080	0.0020	
72-54-8	4,4'-DDD [2C]	0.018	0.00010	0.0040	
72-55-9	4,4'-DDE [2C]	0.018	0.00010	0.0040	
50-29-3	4,4'-DDT [2C]	0.018	0.00010	0.0040	
60-57-1	Dieldrin [2C]	0.019	0.00010	0.0040	
959-98-8	Endosulfan I [2C]	0.018	0.00080	0.0050	
33213-65-9	Endosulfan II [2C]	0.018	0.0010	0.0080	
1031-07-8	Endosulfan Sulfate [2C]	0.018	0.0013	0.0080	
72-20-8	Endrin [2C]	0.018	0.00020	0.0080	
7421-93-4	Endrin Aldehyde [2C]	0.014	0.0011	0.0080	
53494-70-5	Endrin Ketone [2C]	0.017	0.0012	0.0080	
76-44-8	Heptachlor [2C]	0.018	0.00050	0.0050	
1024-57-3	Heptachlor Epoxide [2C]	0.018	0.00060	0.0050	
118-74-1	Hexachlorobenzene [2C]	0.017	0.0014	0.0050	
72-43-5	Methoxychlor [2C]	0.019	0.00030	0.050	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.893	5.070	1584.1E6	1678.4E6	165.207	160.012
	Spiked Amount	200.000	Range 60 - 300	Recovery =		82.60%	80.01%
24) S	Decachlor...	8.451	8.972	1397.6E6	1334.4E6	161.201	163.798
	Spiked Amount	200.000	Range 60 - 300	Recovery =		80.60%	81.90%
	Target Compounds						
2) T	Hexachlor...	5.099	5.342	184.5E6	151.1E6	17.565	16.566
3) T	alpha-BHC	5.190	5.426	236.4E6	218.6E6	17.279	16.933
4) T	gamma-BHC	5.363	5.642	224.4E6	223.4E6	16.969	16.808
5) T	Beta-BHC	5.415	5.695	90671844	94668117	17.538	17.293
6) T	Delta-BHC	5.514	5.880	217.8E6	222.9E6	16.911	16.625
7) T	Heptachlor	5.631	5.920	220.0E6	225.1E6	17.986	18.167
8) T	Aldrin	5.806	6.132	212.0E6	216.6E6	18.238	18.232
9) T	Alachlor	5.905	6.067	23803584	28350827	16.397	16.777
10) T	Heptachlo...	6.181	6.523	193.7E6	199.8E6	18.045	18.064
11) T	Y-Chlordane	6.262	6.658	192.2E6	203.3E6	17.373	17.431
12) T	A-Chlordane	6.348	6.763	191.0E6	198.3E6	17.584	17.556
13) T	4,4-DDE	6.412	6.892	181.9E6	195.7E6	17.858	18.041
14) T	Endo-I	6.434	6.801	183.5E6	185.3E6	17.970	18.088
15) T	Dieldrin	6.595	7.001	201.6E6	207.6E6	18.507	18.551
16) T	Endrin	6.751	7.227	183.6E6	186.3E6	18.318	18.444
17) T	4,4-DDD	6.818	7.326	151.7E6	156.9E6	17.658	17.690
18) T	Endo-II	6.907	7.388	167.5E6	173.5E6	17.775	17.854
19) T	4,4-DDT	7.016	7.566	145.2E6	163.3E6	18.661	18.410
20) T	Endrin Al...	7.209	7.650	118.4E6	116.5E6	13.667	14.144
21) T	Methoxychlor	7.387	8.101	75085778	81980534	18.986	18.641
22) T	End Sulf	7.529	7.867	152.6E6	159.6E6	17.880	17.964
23) T	Endrin Ke...	7.735	8.243	185.5E6	189.5E6	17.096	17.266
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

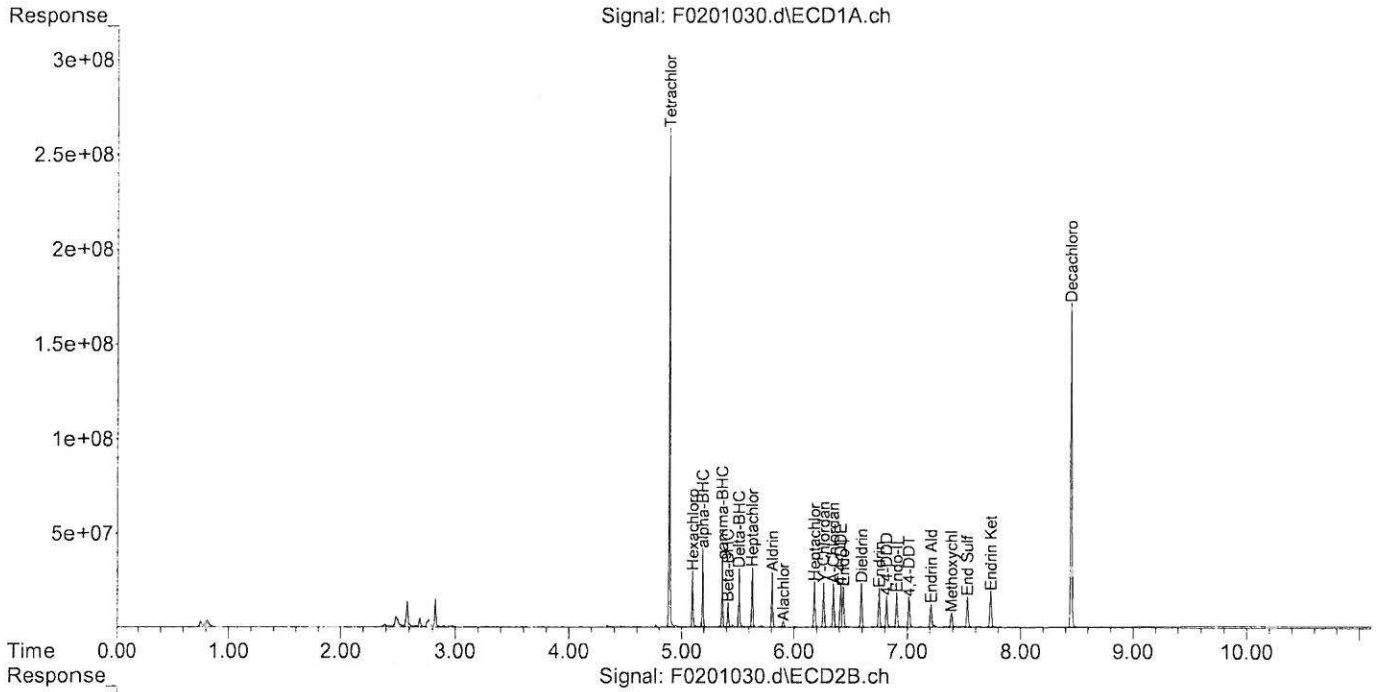
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

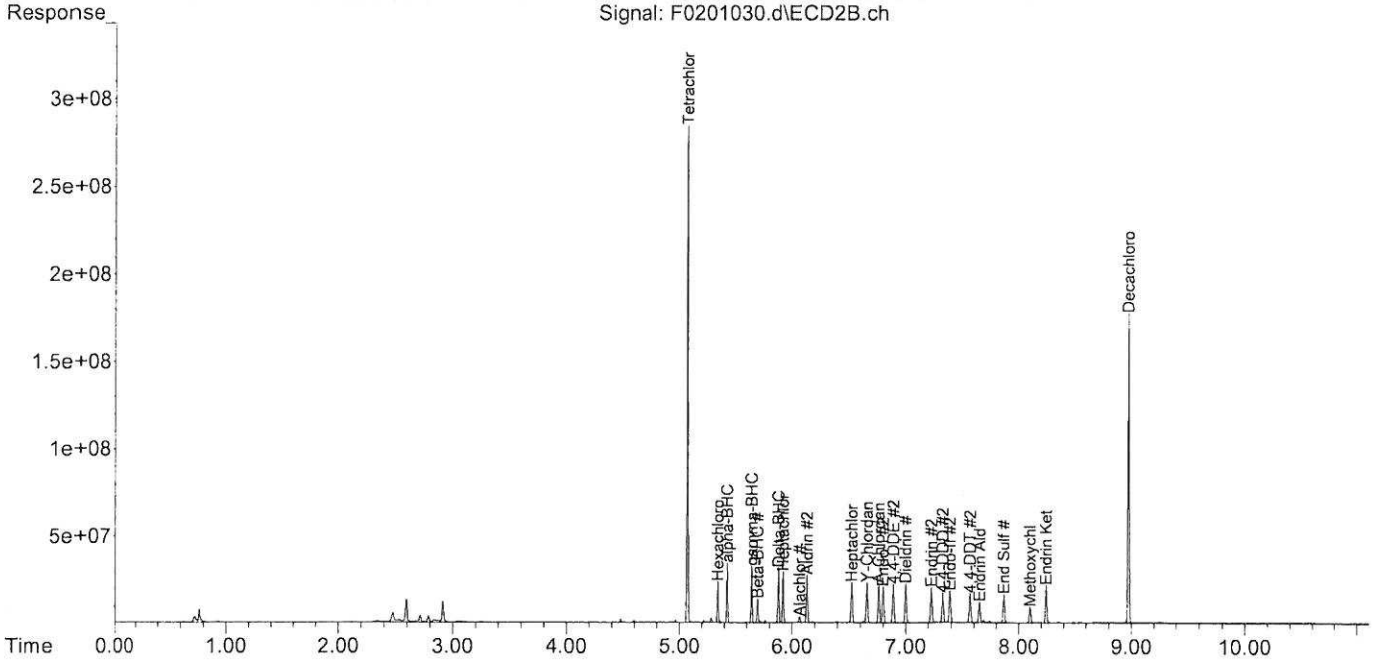
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 6:36 pm
Operator : JMB
Sample : B045472-BSD1@SEP Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:10:52 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MS1	File ID:	F0201037.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:33
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor	0.018	0.0012	0.022	
309-00-2	Aldrin	0.020	0.00054	0.0054	
319-84-6	alpha-BHC	0.021	0.00065	0.0054	
319-85-7	beta-BHC	0.020	0.00097	0.0054	
319-86-8	delta-BHC	0.020	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane)	0.019	0.00087	0.0022	
72-54-8	4,4'-DDD	0.020	0.00011	0.0043	
72-55-9	4,4'-DDE	0.020	0.00011	0.0043	
50-29-3	4,4'-DDT	0.023	0.00011	0.0043	
60-57-1	Dieldrin	0.020	0.00011	0.0043	
959-98-8	Endosulfan I	0.019	0.00087	0.0054	
33213-65-9	Endosulfan II	0.020	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate	0.019	0.0014	0.0087	
72-20-8	Endrin	0.021	0.00022	0.0087	
7421-93-4	Endrin Aldehyde	0.015	0.0012	0.0087	
53494-70-5	Endrin Ketone	0.019	0.0013	0.0087	
76-44-8	Heptachlor	0.020	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide	0.020	0.00065	0.0054	
118-74-1	Hexachlorobenzene	0.020	0.0015	0.0054	
72-43-5	Methoxychlor	0.024	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachlo...	4.890	5.069	1659.3E6	1777.8E6	173.044	169.493
	Spiked Amount	200.000	Range 60 - 300	Recovery =		86.52%	84.75%
24)	S Decachlor...	8.449	8.971	1379.7E6	1376.2E6	159.131	168.925
	Spiked Amount	200.000	Range 60 - 300	Recovery =		79.57%	84.46%
	Target Compounds						
2)	T Hexachlor...	5.097	5.340	190.9E6	155.3E6	18.180	17.031
3)	T alpha-BHC	5.188	5.424	260.8E6	229.5E6	19.057	17.770
4)	T gamma-BHC	5.361	5.640	234.2E6	232.6E6	17.711	17.505
5)	T Beta-BHC	5.413	5.694	94377840	97566808	18.255	17.822
6)	T Delta-BHC	5.511	5.878	233.2E6	234.4E6	18.101	17.488
7)	T Heptachlor	5.628	5.918	226.7E6	230.7E6	18.530	18.617
8)	T Aldrin	5.803	6.130	214.1E6	221.8E6	18.426	18.664
9)	T Alachlor	5.902	6.066	23999885	27774824	16.561	16.359
10)	T Heptachlo...	6.179	6.522	195.9E6	201.8E6	18.254	18.246
11)	T Y-Chlordane	6.259	6.655	194.0E6	205.8E6	17.531	17.649
12)	T A-Chlordane	6.346	6.761	189.6E6	200.6E6	17.455	17.759
13)	T 4,4-DDE	6.408	6.890	188.9E6	201.9E6	18.548	18.612
14)	T Endo-I	6.431	6.799	183.4E6	189.9E6	17.967	18.535
15)	T Dieldrin	6.592	6.999	203.9E6	214.2E6	18.713	19.141
16)	T Endrin	6.748	7.224	191.8E6	199.2E6	19.139	19.726
17)	T 4,4-DDD	6.815	7.323	159.1E6	165.1E6	18.518	18.607
18)	T Endo-II	6.904	7.385	170.0E6	177.3E6	18.036	18.254
19)	T 4,4-DDT	7.013	7.563	167.1E6	176.1E6	21.469	19.854
20)	T Endrin Al...	7.206	7.646	117.2E6	109.8E6	13.532	13.333
21)	T Methoxychlor	7.384	8.100	87134991	88934516	22.033	20.222
22)	T End Sulf	7.526	7.864	153.3E6	160.8E6	17.965	18.094
23)	T Endrin Ke...	7.730	8.241	188.3E6	191.4E6	17.346	17.443
25)	L8 Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26)	L8 Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27)	L8 Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28)	L8 Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29)	L8 Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30)	H Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

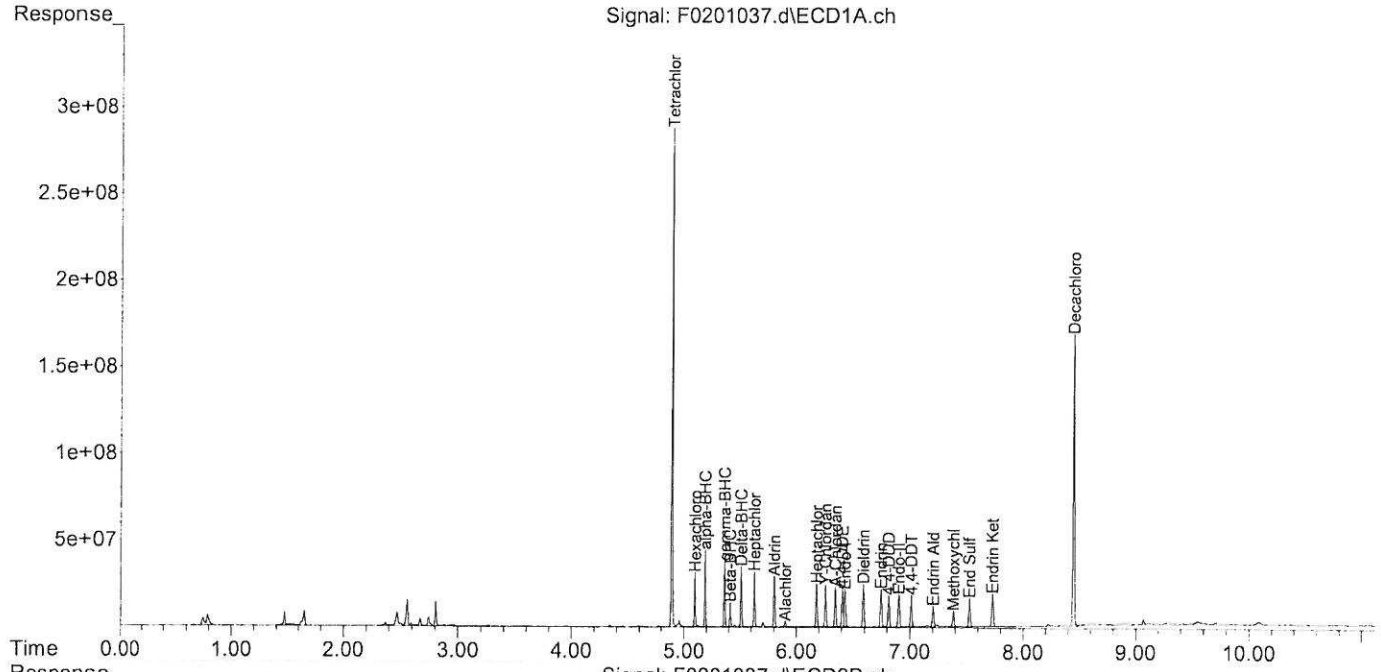
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

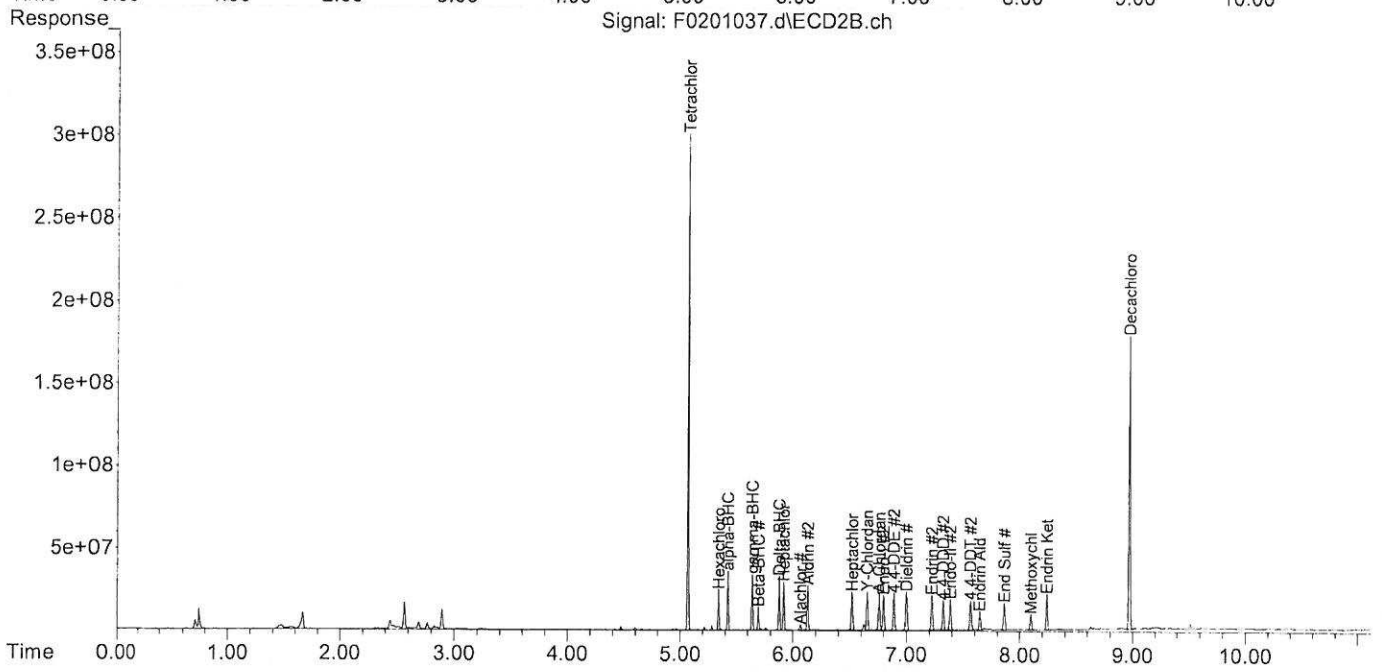
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MS1	File ID:	F0201037.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:33
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.018	0.0012	0.022	
309-00-2	Aldrin [2C]	0.020	0.00054	0.0054	
319-84-6	alpha-BHC [2C]	0.019	0.00065	0.0054	
319-85-7	beta-BHC [2C]	0.019	0.00097	0.0054	
319-86-8	delta-BHC [2C]	0.019	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane) [2C]	0.019	0.00087	0.0022	
72-54-8	4,4'-DDD [2C]	0.020	0.00011	0.0043	
72-55-9	4,4'-DDE [2C]	0.020	0.00011	0.0043	
50-29-3	4,4'-DDT [2C]	0.021	0.00011	0.0043	
60-57-1	Dieldrin [2C]	0.021	0.00011	0.0043	
959-98-8	Endosulfan I [2C]	0.020	0.00087	0.0054	
33213-65-9	Endosulfan II [2C]	0.020	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate [2C]	0.020	0.0014	0.0087	
72-20-8	Endrin [2C]	0.021	0.00022	0.0087	
7421-93-4	Endrin Aldehyde [2C]	0.014	0.0012	0.0087	
53494-70-5	Endrin Ketone [2C]	0.019	0.0013	0.0087	
76-44-8	Heptachlor [2C]	0.020	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide [2C]	0.020	0.00065	0.0054	
118-74-1	Hexachlorobenzene [2C]	0.018	0.0015	0.0054	
72-43-5	Methoxychlor [2C]	0.022	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.069	1659.3E6	1777.8E6	173.044	169.493
	Spiked Amount	200.000	Range 60 - 300	Recovery =		86.52%	84.75%
24) S	Decachlor...	8.449	8.971	1379.7E6	1376.2E6	159.131	168.925
	Spiked Amount	200.000	Range 60 - 300	Recovery =		79.57%	84.46%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	190.9E6	155.3E6	18.180	17.031
3) T	alpha-BHC	5.188	5.424	260.8E6	229.5E6	19.057	17.770
4) T	gamma-BHC	5.361	5.640	234.2E6	232.6E6	17.711	17.505
5) T	Beta-BHC	5.413	5.694	94377840	97566808	18.255	17.822
6) T	Delta-BHC	5.511	5.878	233.2E6	234.4E6	18.101	17.488
7) T	Heptachlor	5.628	5.918	226.7E6	230.7E6	18.530	18.617
8) T	Aldrin	5.803	6.130	214.1E6	221.8E6	18.426	18.664
9) T	Alachlor	5.902	6.066	23999885	27774824	16.561	16.359
10) T	Heptachlo...	6.179	6.522	195.9E6	201.8E6	18.254	18.246
11) T	Y-Chlordane	6.259	6.655	194.0E6	205.8E6	17.531	17.649
12) T	A-Chlordane	6.346	6.761	189.6E6	200.6E6	17.455	17.759
13) T	4,4-DDE	6.408	6.890	188.9E6	201.9E6	18.548	18.612
14) T	Endo-I	6.431	6.799	183.4E6	189.9E6	17.967	18.535
15) T	Dieldrin	6.592	6.999	203.9E6	214.2E6	18.713	19.141
16) T	Endrin	6.748	7.224	191.8E6	199.2E6	19.139	19.726
17) T	4,4-DDD	6.815	7.323	159.1E6	165.1E6	18.518	18.607
18) T	Endo-II	6.904	7.385	170.0E6	177.3E6	18.036	18.254
19) T	4,4-DDT	7.013	7.563	167.1E6	176.1E6	21.469	19.854
20) T	Endrin Al...	7.206	7.646	117.2E6	109.8E6	13.532	13.333
21) T	Methoxychlor	7.384	8.100	87134991	88934516	22.033	20.222
22) T	End Sulf	7.526	7.864	153.3E6	160.8E6	17.965	18.094
23) T	Endrin Ke...	7.730	8.241	188.3E6	191.4E6	17.346	17.443
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average	Chlordane					0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

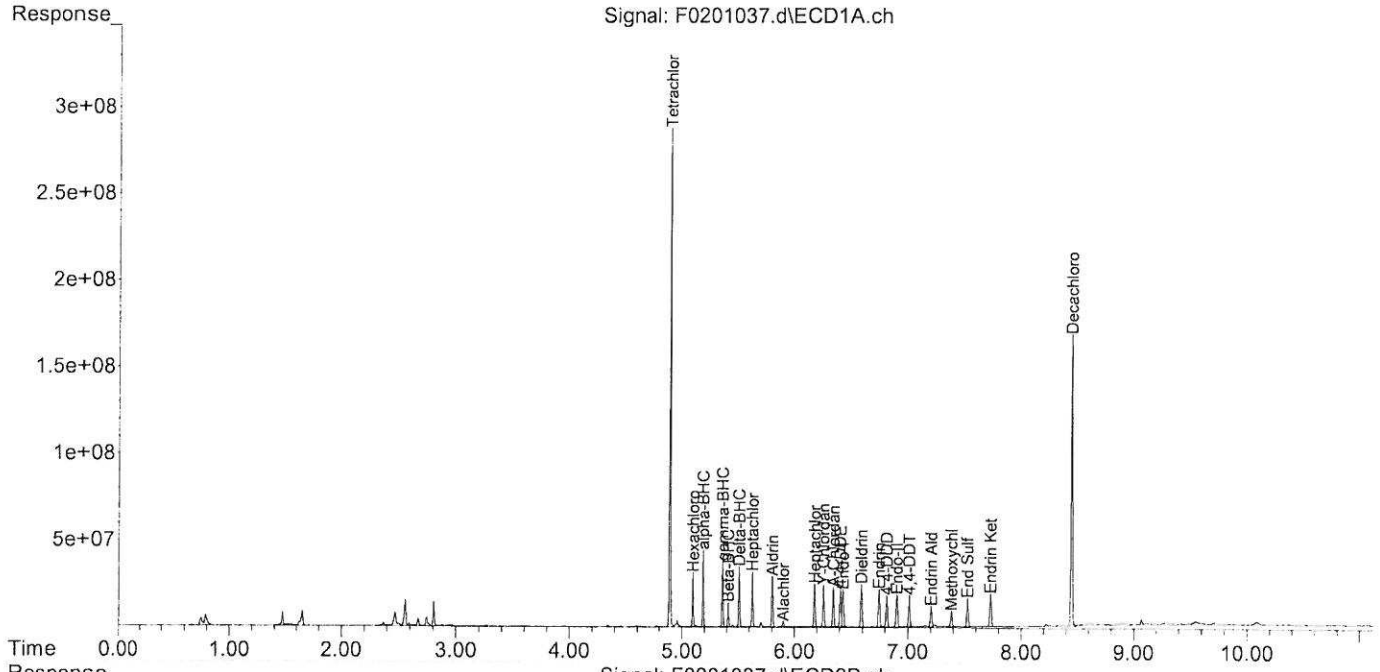
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

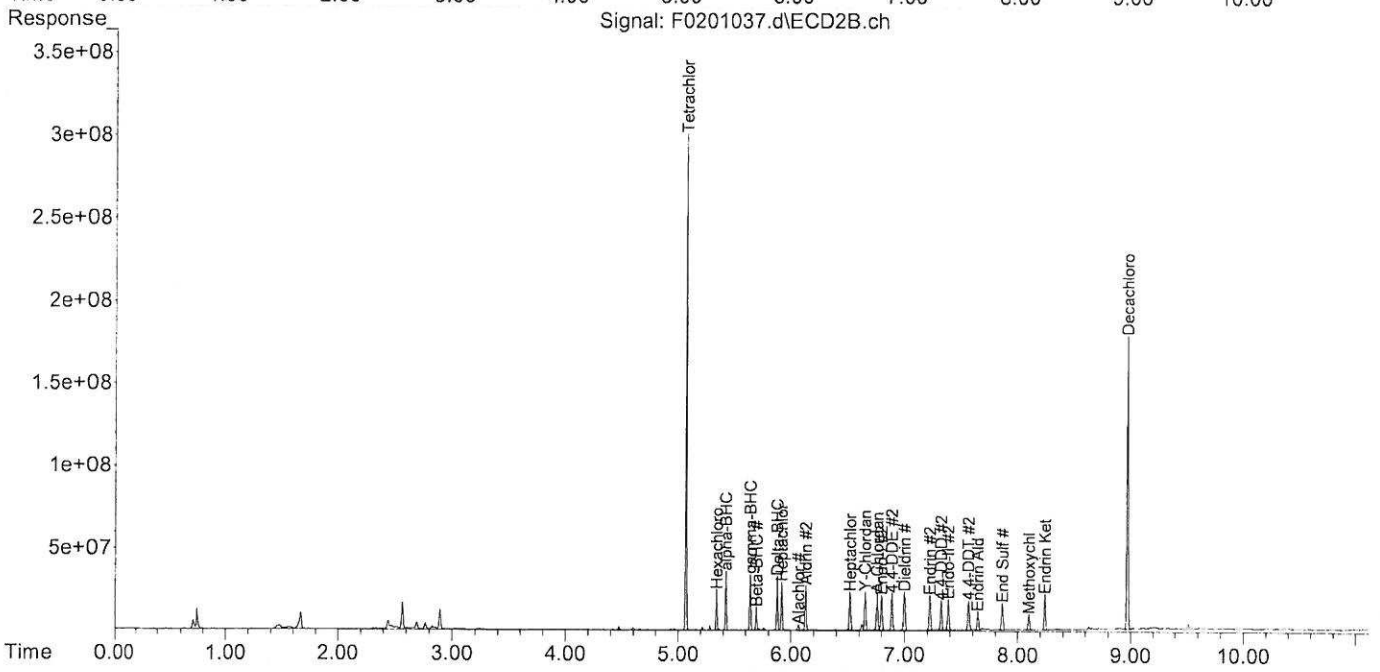
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201037.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:33 pm
Operator : JMB
Sample : B045472-MS1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:17:57 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MSD1	File ID:	F0201038.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor	0.014	0.0012	0.022	
309-00-2	Aldrin	0.015	0.00054	0.0054	
319-84-6	alpha-BHC	0.016	0.00065	0.0054	
319-85-7	beta-BHC	0.015	0.00097	0.0054	
319-86-8	delta-BHC	0.015	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane)	0.015	0.00087	0.0022	
72-54-8	4,4'-DDD	0.015	0.00011	0.0043	
72-55-9	4,4'-DDE	0.015	0.00011	0.0043	
50-29-3	4,4'-DDT	0.018	0.00011	0.0043	
60-57-1	Dieldrin	0.016	0.00011	0.0043	
959-98-8	Endosulfan I	0.015	0.00087	0.0054	
33213-65-9	Endosulfan II	0.015	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate	0.015	0.0014	0.0087	
72-20-8	Endrin	0.016	0.00022	0.0087	
7421-93-4	Endrin Aldehyde	0.012	0.0012	0.0087	
53494-70-5	Endrin Ketone	0.015	0.0013	0.0087	
76-44-8	Heptachlor	0.016	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide	0.015	0.00065	0.0054	
118-74-1	Hexachlorobenzene	0.016	0.0015	0.0054	
72-43-5	Methoxychlor	0.019	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1278.6E6	1370.9E6	133.345	130.696
	Spiked Amount	200.000	Range 60 - 300	Recovery =		66.67%	65.35%
24) S	Decachlor...	8.448	8.971	1082.2E6	1049.6E6	124.821	128.836
	Spiked Amount	200.000	Range 60 - 300	Recovery =		62.41%	64.42%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	152.8E6	125.1E6	14.549	13.713
3) T	alpha-BHC	5.188	5.424	202.0E6	177.7E6	14.762	13.763
4) T	gamma-BHC	5.360	5.640	181.1E6	181.9E6	13.695	13.688
5) T	Beta-BHC	5.412	5.693	74052409	77157633	14.324	14.094
6) T	Delta-BHC	5.510	5.877	175.6E6	180.6E6	13.632	13.471
7) T	Heptachlor	5.628	5.917	175.8E6	178.9E6	14.372	14.437
8) T	Aldrin	5.803	6.128	166.0E6	171.9E6	14.284	14.469
9) T	Alachlor	5.902	6.065	19432741	22399843	12.733	12.458
10) T	Heptachlo...	6.178	6.521	153.1E6	158.2E6	14.267	14.306
11) T	Y-Chlordane	6.259	6.655	152.7E6	158.0E6	13.805	13.545
12) T	A-Chlordane	6.345	6.760	148.0E6	156.3E6	13.625	13.836
13) T	4,4-DDE	6.408	6.890	145.9E6	155.9E6	14.323	14.376
14) T	Endo-I	6.430	6.799	143.0E6	147.8E6	14.004	14.426
15) T	Dieldrin	6.590	6.999	158.4E6	165.2E6	14.544	14.761
16) T	Endrin	6.747	7.224	151.0E6	156.7E6	15.060	15.515
17) T	4,4-DDD	6.814	7.323	122.4E6	129.2E6	14.242	14.558
18) T	Endo-II	6.903	7.386	132.5E6	138.1E6	14.058	14.211
19) T	4,4-DDT	7.012	7.563	128.5E6	136.1E6	16.512	15.346
20) T	Endrin Al...	7.205	7.647	92203778	85095074	10.642	10.330
21) T	Methoxychlor	7.383	8.099	67910567	70112542	17.172	15.942
22) T	End Sulf	7.525	7.864	119.1E6	126.8E6	13.953	14.269
23) T	Endrin Ke...	7.730	8.241	147.8E6	148.7E6	13.620	13.554
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

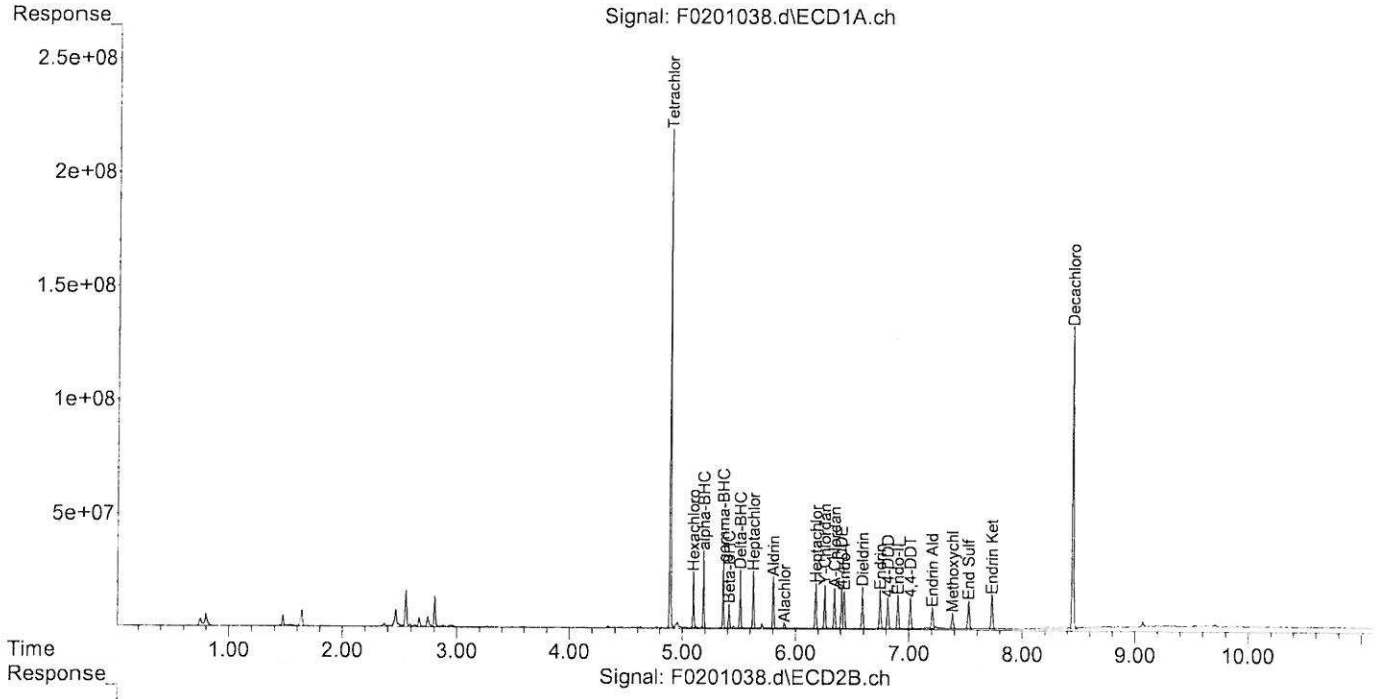
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

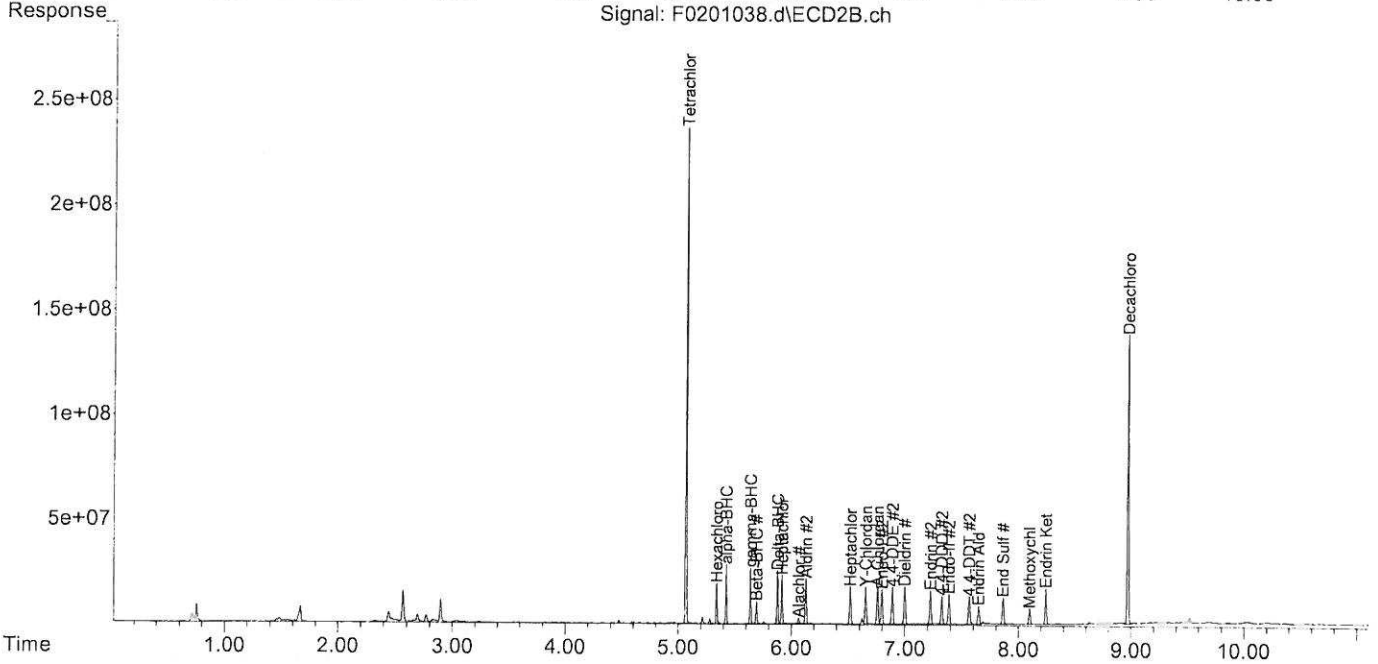
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045472-MSD1	File ID:	F0201038.d
Sampled:		Prepared:	01/31/12 12:02	Analyzed:	02/01/12 20:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045472	Sequence:	S001743	Calibration:	1200011
Instrument:	ECD6				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
15972-60-8	Alachlor [2C]	0.013	0.0012	0.022	
309-00-2	Aldrin [2C]	0.016	0.00054	0.0054	
319-84-6	alpha-BHC [2C]	0.015	0.00065	0.0054	
319-85-7	beta-BHC [2C]	0.015	0.00097	0.0054	
319-86-8	delta-BHC [2C]	0.015	0.00076	0.0054	
58-89-9	gamma-BHC (Lindane) [2C]	0.015	0.00087	0.0022	
72-54-8	4,4'-DDD [2C]	0.016	0.00011	0.0043	
72-55-9	4,4'-DDE [2C]	0.016	0.00011	0.0043	
50-29-3	4,4'-DDT [2C]	0.017	0.00011	0.0043	
60-57-1	Dieldrin [2C]	0.016	0.00011	0.0043	
959-98-8	Endosulfan I [2C]	0.016	0.00087	0.0054	
33213-65-9	Endosulfan II [2C]	0.015	0.0011	0.0087	
1031-07-8	Endosulfan Sulfate [2C]	0.015	0.0014	0.0087	
72-20-8	Endrin [2C]	0.017	0.00022	0.0087	
7421-93-4	Endrin Aldehyde [2C]	0.011	0.0012	0.0087	
53494-70-5	Endrin Ketone [2C]	0.015	0.0013	0.0087	
76-44-8	Heptachlor [2C]	0.016	0.00054	0.0054	
1024-57-3	Heptachlor Epoxide [2C]	0.015	0.00065	0.0054	
118-74-1	Hexachlorobenzene [2C]	0.015	0.0015	0.0054	
72-43-5	Methoxychlor [2C]	0.017	0.00032	0.054	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachlo...	4.890	5.068	1278.6E6	1370.9E6	133.345	130.696
	Spiked Amount	200.000	Range 60 - 300	Recovery =		66.67%	65.35%
24) S	Decachlor...	8.448	8.971	1082.2E6	1049.6E6	124.821	128.836
	Spiked Amount	200.000	Range 60 - 300	Recovery =		62.41%	64.42%
	Target Compounds						
2) T	Hexachlor...	5.097	5.340	152.8E6	125.1E6	14.549	13.713
3) T	alpha-BHC	5.188	5.424	202.0E6	177.7E6	14.762	13.763
4) T	gamma-BHC	5.360	5.640	181.1E6	181.9E6	13.695	13.688
5) T	Beta-BHC	5.412	5.693	74052409	77157633	14.324	14.094
6) T	Delta-BHC	5.510	5.877	175.6E6	180.6E6	13.632	13.471
7) T	Heptachlor	5.628	5.917	175.8E6	178.9E6	14.372	14.437
8) T	Aldrin	5.803	6.128	166.0E6	171.9E6	14.284	14.469
9) T	Alachlor	5.902	6.065	19432741	22399843	12.733	12.458
10) T	Heptachlo...	6.178	6.521	153.1E6	158.2E6	14.267	14.306
11) T	Y-Chlordane	6.259	6.655	152.7E6	158.0E6	13.805	13.545
12) T	A-Chlordane	6.345	6.760	148.0E6	156.3E6	13.625	13.836
13) T	4,4-DDE	6.408	6.890	145.9E6	155.9E6	14.323	14.376
14) T	Endo-I	6.430	6.799	143.0E6	147.8E6	14.004	14.426
15) T	Dieldrin	6.590	6.999	158.4E6	165.2E6	14.544	14.761
16) T	Endrin	6.747	7.224	151.0E6	156.7E6	15.060	15.515
17) T	4,4-DDD	6.814	7.323	122.4E6	129.2E6	14.242	14.558
18) T	Endo-II	6.903	7.386	132.5E6	138.1E6	14.058	14.211
19) T	4,4-DDT	7.012	7.563	128.5E6	136.1E6	16.512	15.346
20) T	Endrin Al...	7.205	7.647	92203778	85095074	10.642	10.330
21) T	Methoxychlor	7.383	8.099	67910567	70112542	17.172	15.942
22) T	End Sulf	7.525	7.864	119.1E6	126.8E6	13.953	14.269
23) T	Endrin Ke...	7.730	8.241	147.8E6	148.7E6	13.620	13.554
25) L8	Chlordane{1}	0.000	0.000	0	0	N.D. d	N.D. d
26) L8	Chlordane{2}	0.000	0.000	0	0	N.D. d	N.D. d
27) L8	Chlordane{3}	0.000	0.000	0	0	N.D. d	N.D. d
28) L8	Chlordane{4}	0.000	0.000	0	0	N.D. d	N.D. d
29) L8	Chlordane{5}	0.000	0.000	0	0	N.D. d	N.D. d
	Sum Chlordane			0	0	N.D.	N.D.
Average Chlordane						0.000	0.000
30) H	Toxaphene	0.000	0.000	0	0	N.D. d	N.D. d

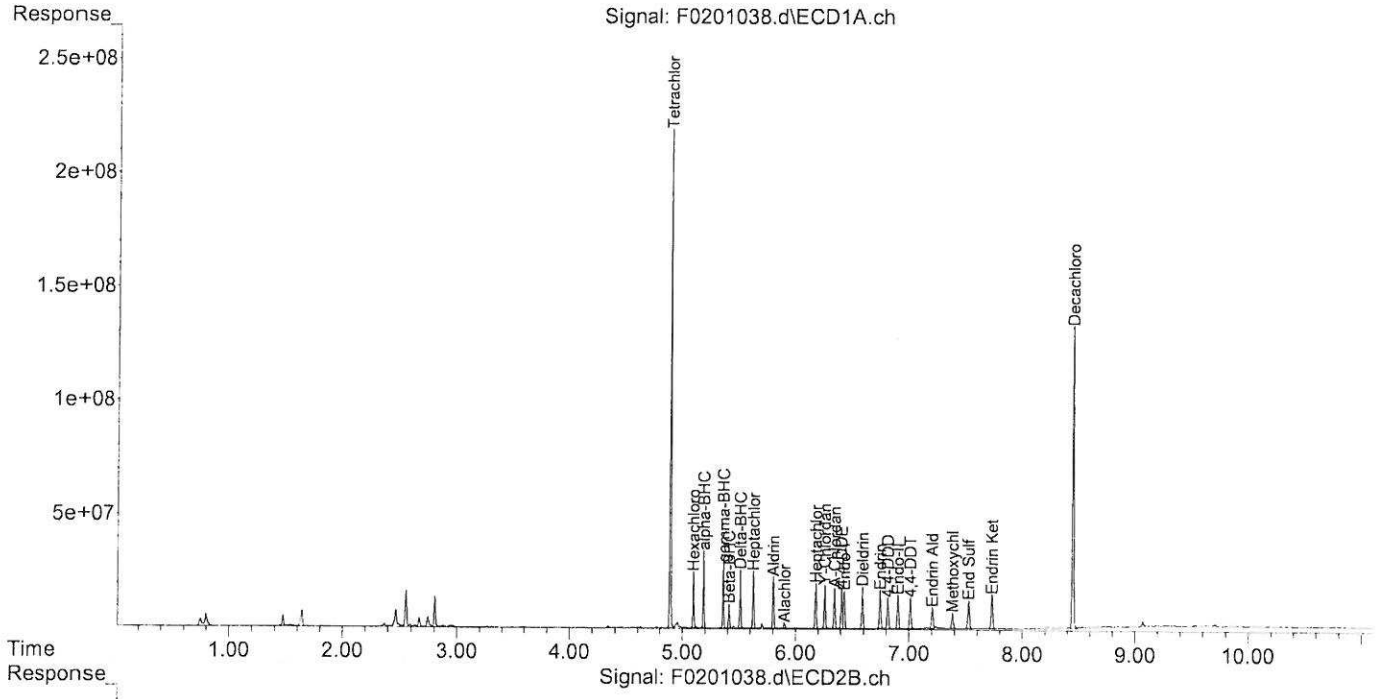
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

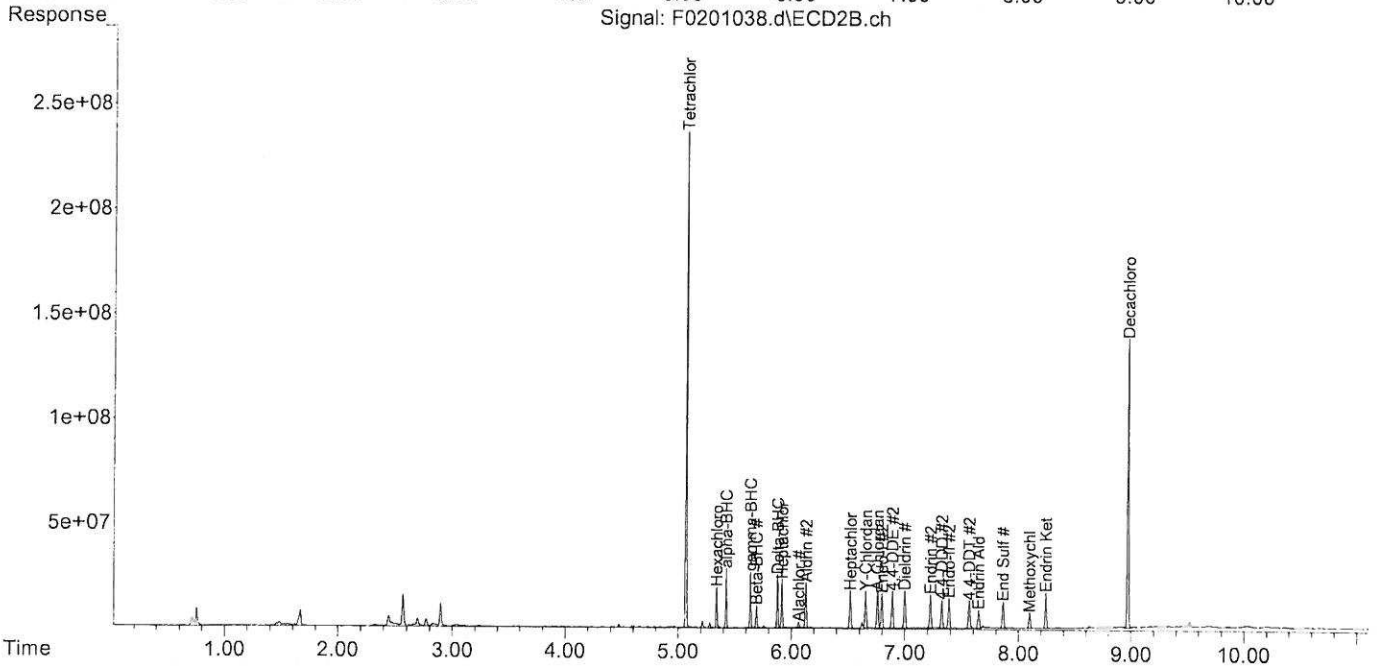
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\020112\
Data File : F0201038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:49 pm
Operator : JMB
Sample : B045472-MSD1 Inst : ECD 6
Misc : mix[s,t]
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: pest front.E
Integration File signal 2: pestback.E
Quant Time: Feb 02 13:18:24 2012
Quant Method : C:\msdchem\1\methods\Pest methods\6PEST020112C.M
Quant Title : PEST 01/31/12 CHLOR 10/14/11 TOX 02/01/11
QLast Update : Wed Feb 01 14:52:09 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PREPARATION BENCH SHEET

B045472

Con-Test Analytical Laboratory

Printed: 2/9/2012 2:03:43PM

Matrix: Soil **Prepared using: SV-GC - SW-846 3546** **Surrogate used: 1201249**

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12A0882-01	8081	01/31/12 02:02	10.3	10				1000	Ecology & Environment	
12A0882-02	8081	01/31/12 02:02	10.2	10				1000	Ecology & Environment	
12A0882-03	8081	01/31/12 02:02	10.1	10				1000	Ecology & Environment	
12A0882-04	8081	01/31/12 02:02	10.3	10				1000	Ecology & Environment	MS/MSD
B045472-BLK1	QC	01/31/12 12:02	10	10				1000		
B045472-BS1	QC	01/31/12 12:02	10	10	1111258		100	1000		
B045472-BSD1	QC	01/31/12 12:02	10	10	1111258		100	1000		
B045472-MS1	QC	01/31/12 12:02	10.1	10	1111258	12A0882-04	100	1000		
B045472-MSD1	QC	01/31/12 12:02	10.1	10	1111258	12A0882-04	100	1000		

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

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SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB01

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01	File ID:	B0131059.d
Sampled:	01/27/12 10:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 13:48
Solids:	94.60	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.10	R-05
11104-28-2	Aroclor-1221		0.041	0.10	
11141-16-5	Aroclor-1232		0.046	0.10	
53469-21-9	Aroclor-1242		0.036	0.10	
12672-29-6	Aroclor-1248		0.041	0.10	
11097-69-1	Aroclor-1254		0.036	0.10	
11096-82-5	Aroclor-1260		0.036	0.10	R-05
37324-23-5	Aroclor-1262		0.041	0.10	
11100-14-4	Aroclor-1268		0.036	0.10	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	528.9E6	547.2E6	32.283	32.175
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.14%#	16.09%#
2) S Decachlor...	6.619	6.660	377.7E6	322.4E6	26.509	24.891
Spiked Amount	200.000	Range 60 - 300		Recovery =	13.25%#	12.45%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1351793	N.D.	3.408 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	3.620f	3.513	2273253	2127389	7.900	6.170
7) L1 1016{5}	3.811	0.000	2668865	0	9.750	N.D. #
Sum 1016			4942118	3479182	17.651	9.578
Average 1016					8.825	4.789
8) L7 1260{1}	4.683	4.664	5887075	9745739	6.972	9.007 #
9) L7 1260{2}	4.904	5.114	11112225	21626382	9.212	12.404 #
10) L7 1260{3}	5.219	5.188	1809810	3386344	2.242	2.999 #
11) L7 1260{4}	5.418	5.421	1936433	2247914	2.441	2.060
12) L7 1260{5}	5.670	5.630	4183085	6938701	2.334	2.813
Sum 1260			24928628	43945081	23.201	29.283
Average 1260					4.640	5.857

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

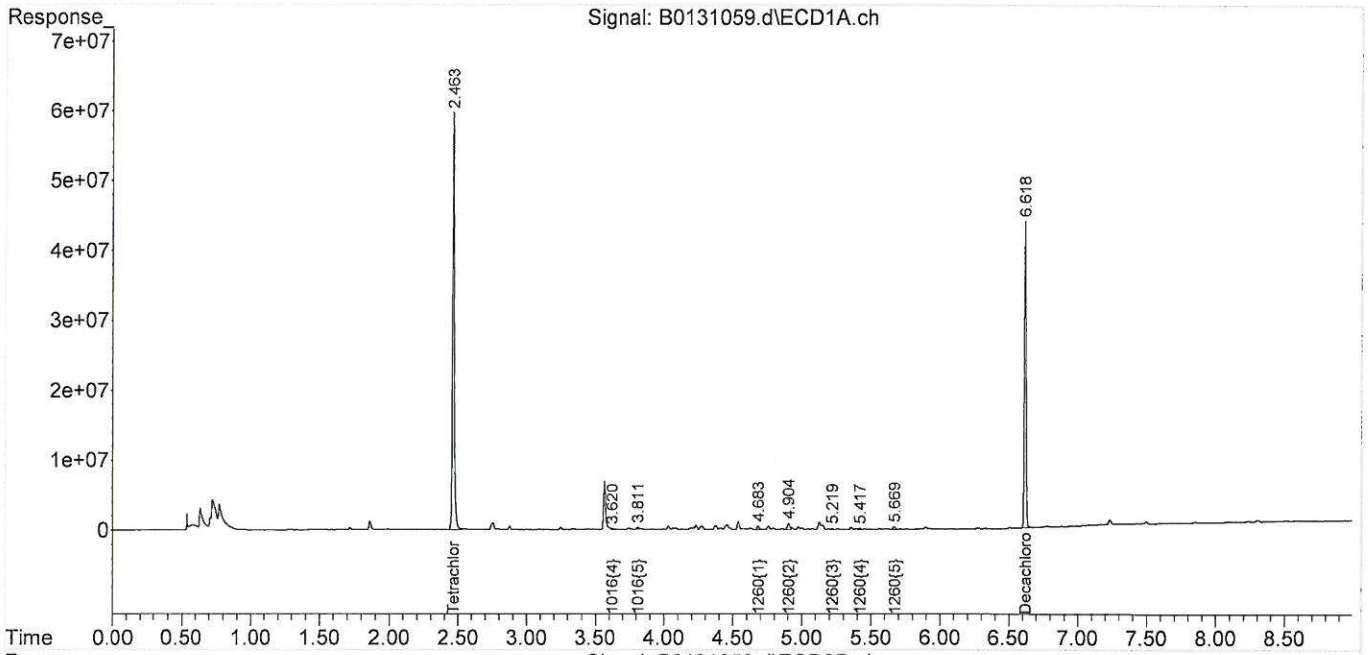
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

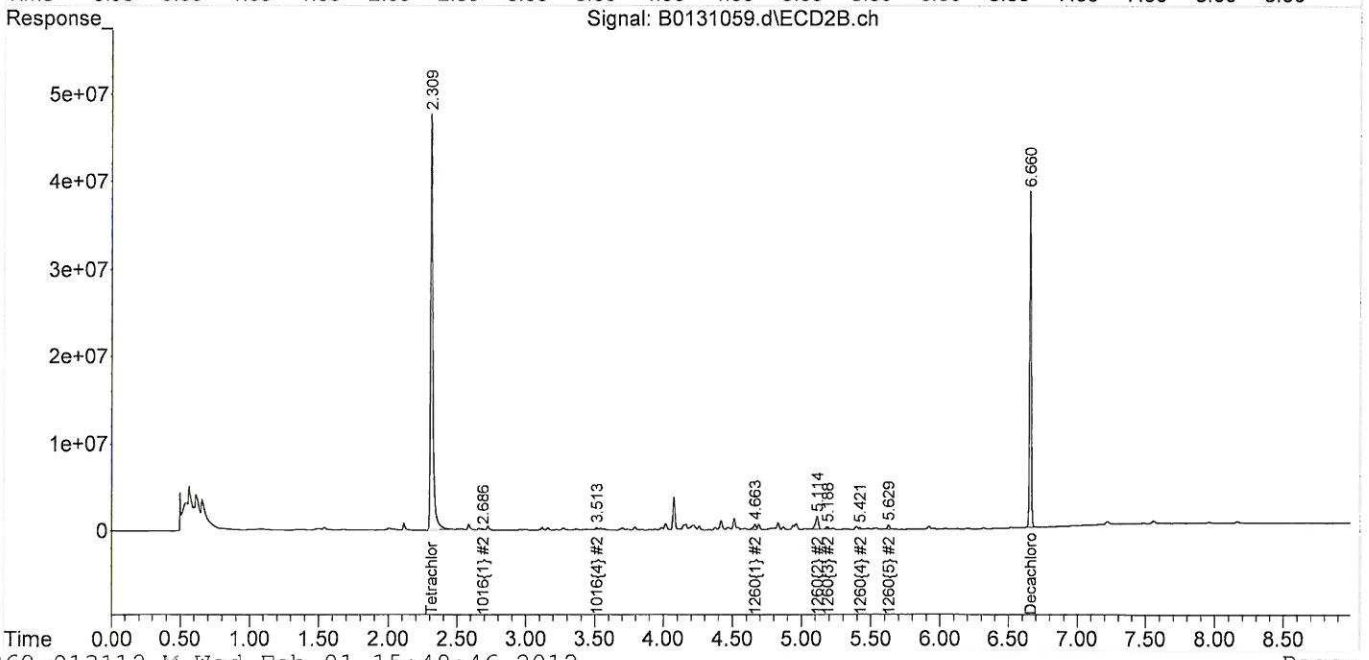
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1254-Front.E
Integration File signal 2: 1254-Back.E
Quant Time: Feb 01 16:32:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1254-013112.M
Quant Title : 1254 01/11/12 01/06/12
QLast Update : Thu Jan 12 08:36:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	528.8E6	547.2E6	32.278	32.175
Spiked Amount 200.000	Range 60 - 300		Recovery =		16.14%#	16.09%#
2) S Decachlor...	6.619	6.660	377.6E6	322.4E6	26.508	24.891
Spiked Amount 200.000	Range 60 - 300		Recovery =		13.25%#	12.45%#
Target Compounds						
3) L6 1254{1}	4.033	4.018	4721533	8885924	9.068	11.103
4) L6 1254{2}	4.233	4.161	6374338	12306230	11.472	19.670 #
5) L6 1254{3}	4.539	4.512	12330098	14915007	12.777	13.765
6) L6 1254{4}	4.904	4.832	11070727	9017688	15.164	15.031
7) L6 1254{5}	5.127	5.114	12609023	21626382	12.299	17.380 #
Sum 1254			47105718	66751231	60.779	76.949
Average 1254					12.156	15.390

BDL

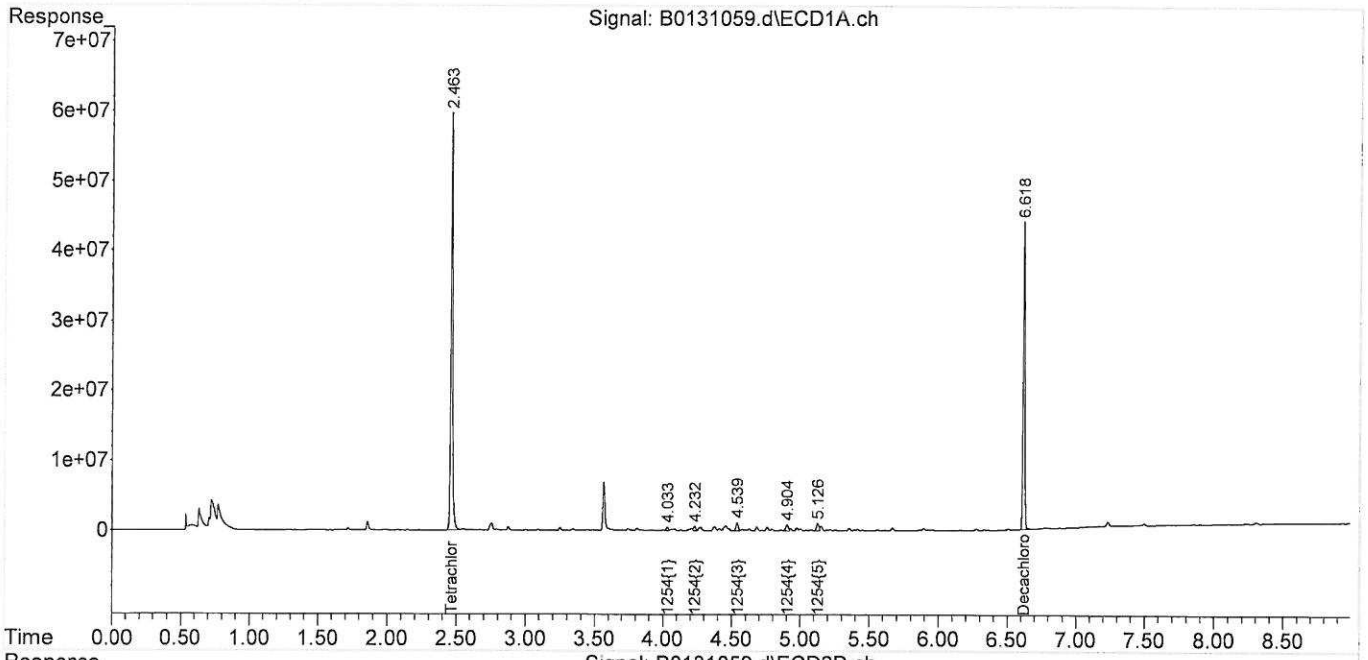
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

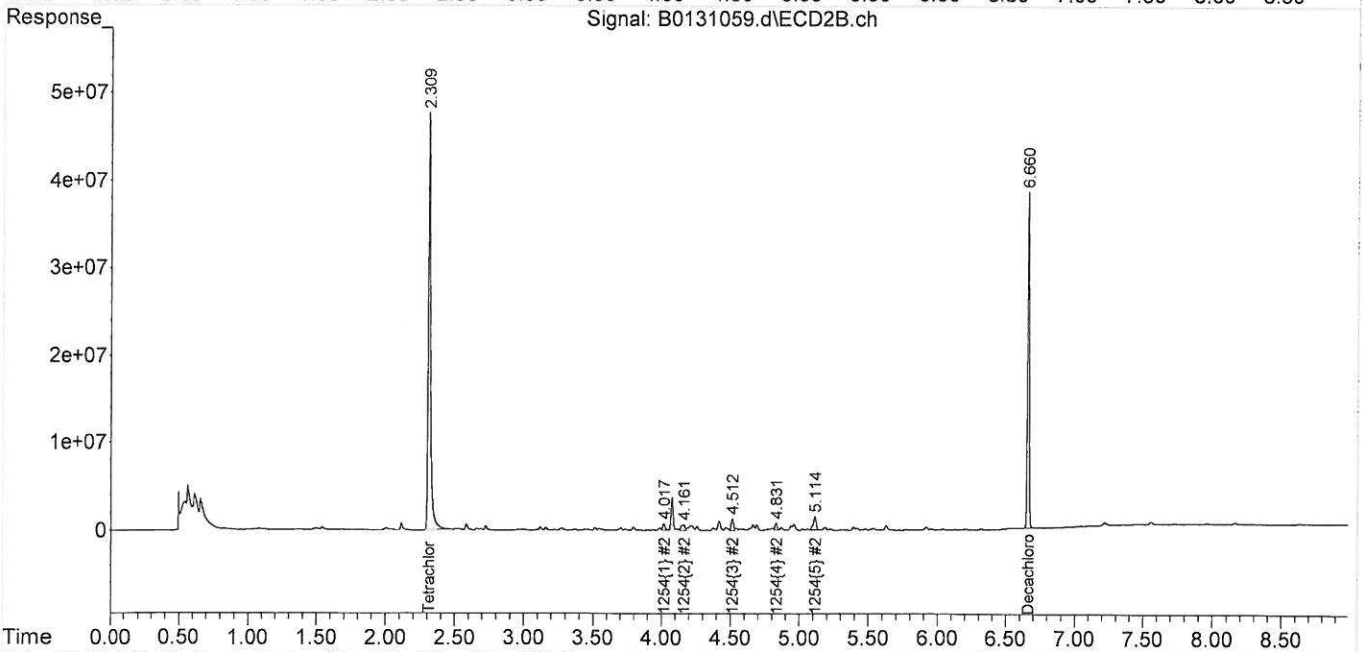
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131059.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 1:48 pm
Operator : JMB
Sample : 12A0882-01@5X Inst : ECD 2A
Misc :
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: 1254-Front.E
Integration File signal 2: 1254-Back.E
Quant Time: Feb 01 16:32:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1254-013112.M
Quant Title : 1254 01/11/12 01/06/12
QLast Update : Thu Jan 12 08:36:06 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02	File ID:	B0131060.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:01
Solids:	92.90	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.042	0.11	
11141-16-5	Aroclor-1232		0.047	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.042	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.042	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131060.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:01 pm
Operator : JMB
Sample : 12A0882-02@5X Inst : ECD 2A
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:49 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.310	531.4E6	554.9E6	32.436	32.630
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.22%#	16.32%#
2) S Decachlor...	6.619	6.660	361.8E6	313.4E6	25.394	24.196
Spiked Amount	200.000	Range 60 - 300		Recovery =	12.70%#	12.10%#
Target Compounds						
3) L1 1016{1}	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.684	0.000	1263602	0	1.497	N.D. #
9) L7 1260{2}	4.905	5.115	2275173	6809970	1.886	3.906 #
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	5.670	5.631	1319859	1294637	0.736	0.525 #
Sum 1260			4858634	8104608	4.119	4.431
Average 1260					1.373	2.215

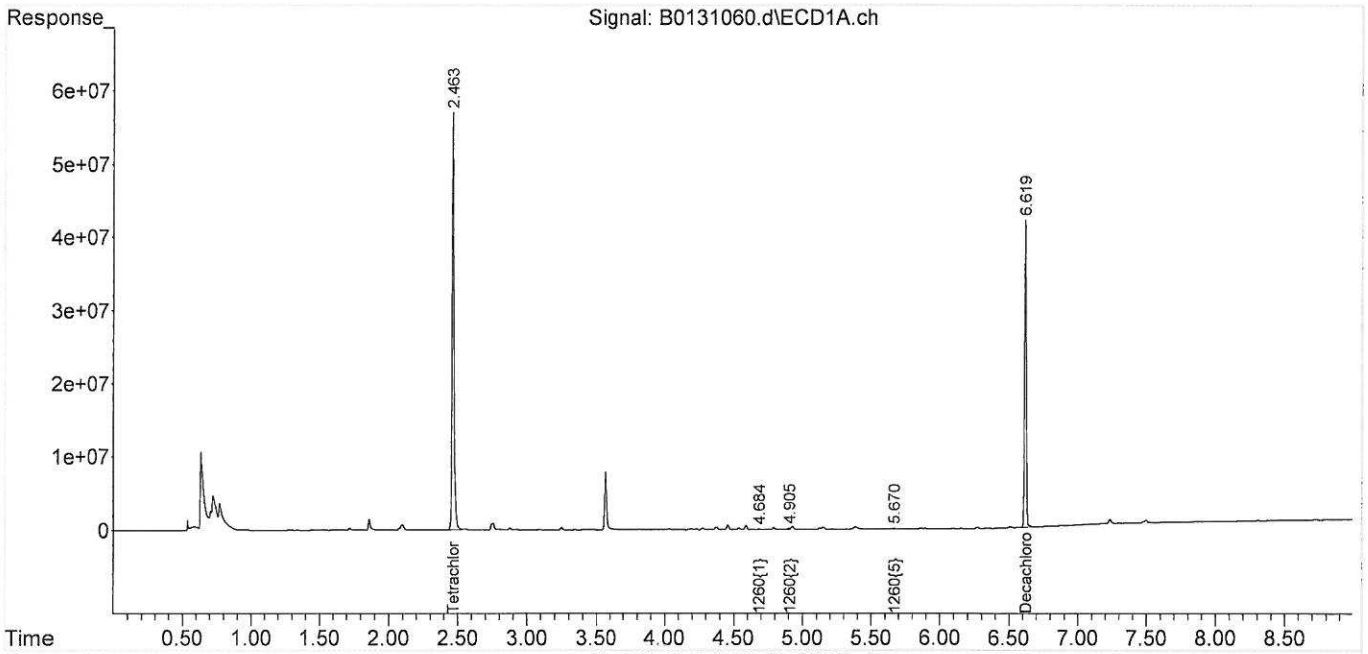
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

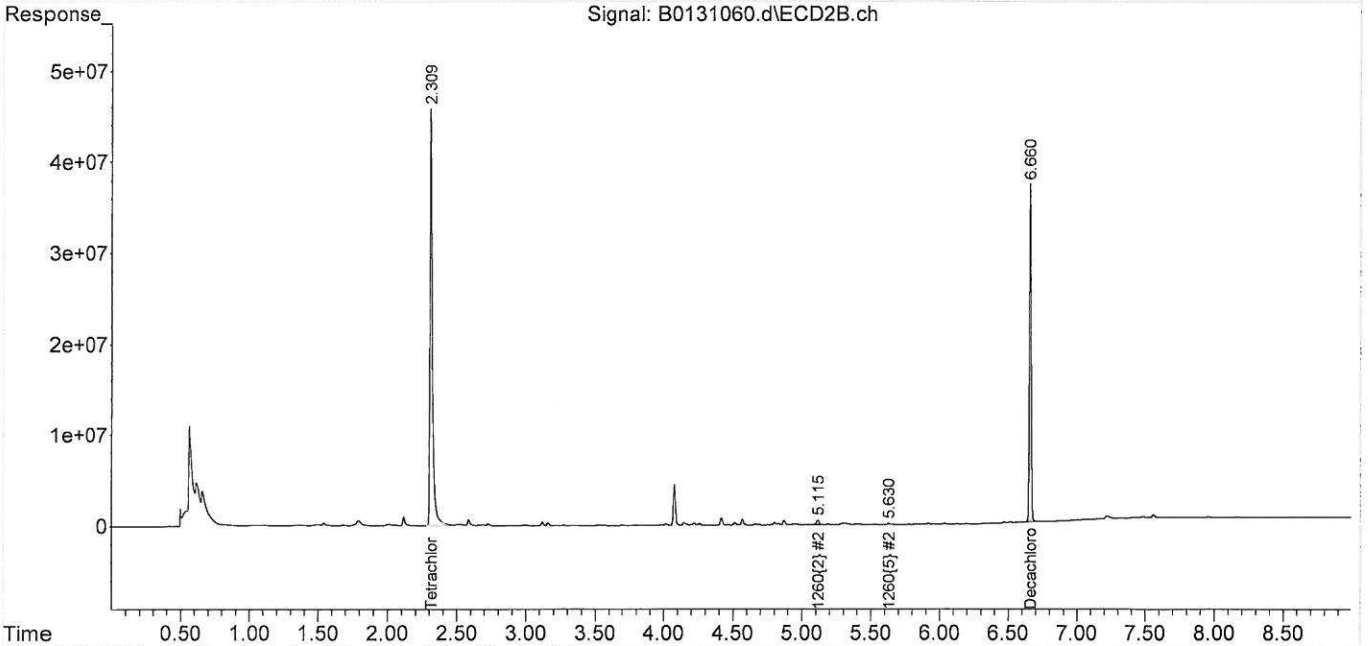
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131060.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:01 pm
Operator : JMB
Sample : 12A0882-02@5X Inst : ECD 2A
Misc :
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:49 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03	File ID:	B0131061.d
Sampled:	01/27/12 11:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:13
Solids:	92.80	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.043	0.11	
11141-16-5	Aroclor-1232		0.048	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.043	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.043	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131061.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:13 pm
Operator : JMB
Sample : 12A0882-03@5X Inst : ECD 2A
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:52 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	592.2E6	612.8E6	36.149	36.029
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.07%#	18.01%#
2) S Decachlor...	6.619	6.660	420.8E6	360.5E6	29.540	27.834
Spiked Amount	200.000	Range 60 - 300		Recovery =	14.77%#	13.92%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1200145	N.D.	3.026 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1200145	N.D.	3.026
Average 1016					0.000	3.026
8) L7 1260{1}	4.684	4.665	1347207	1051805	1.596	0.972 #
9) L7 1260{2}	4.905	5.116	2367582	8464754	1.963	4.855 #
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	5.670	5.630	1582184	1472502	0.883	0.597 #
Sum 1260			5296974	10989062	4.441	6.424
Average 1260					1.480	2.141

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

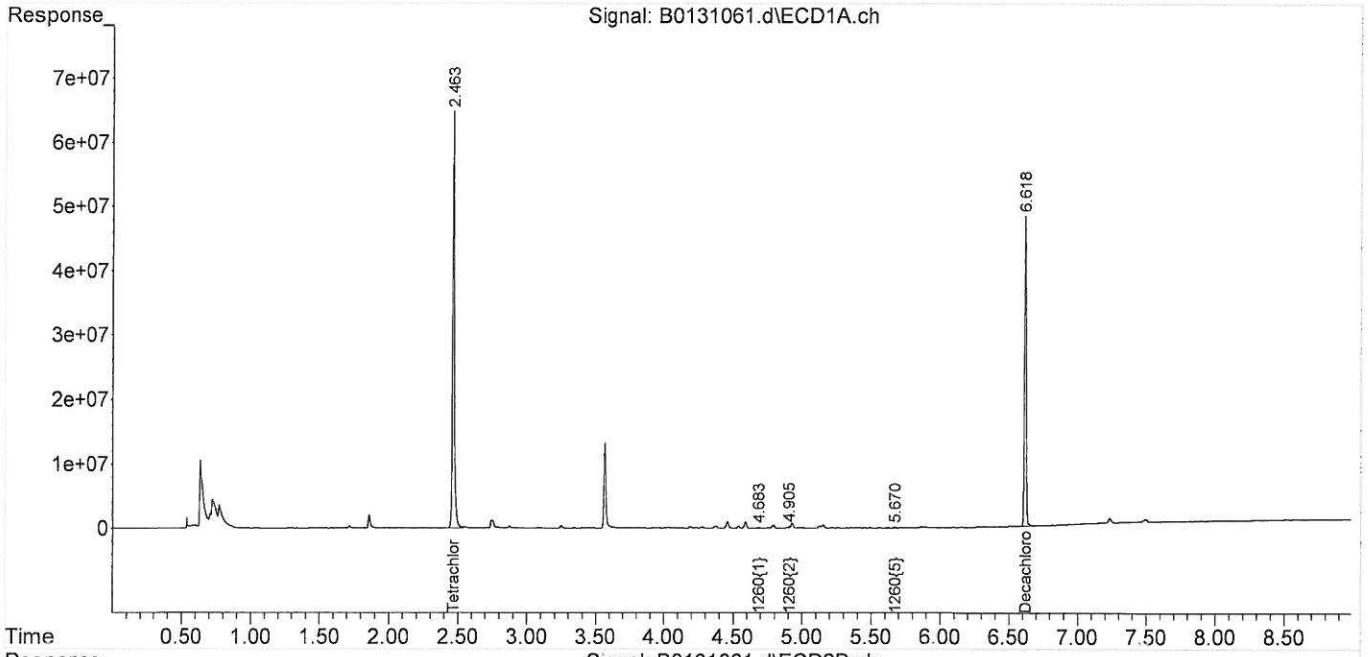
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

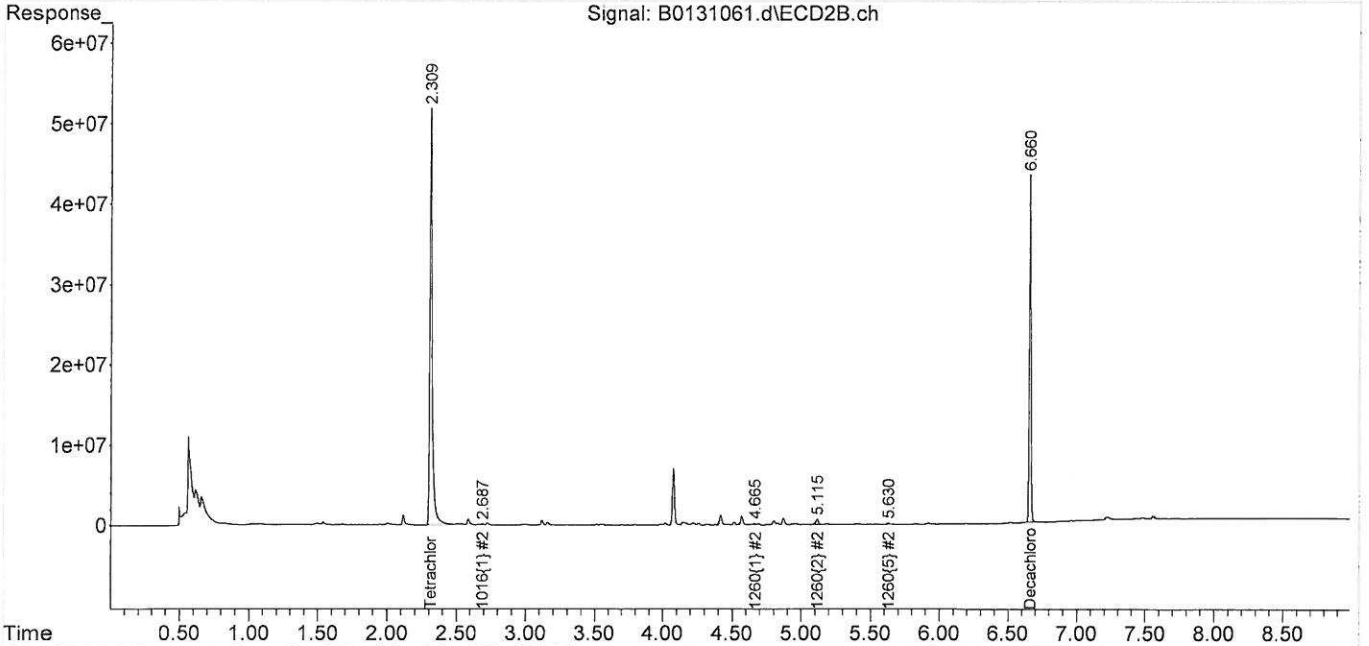
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131061.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:13 pm
Operator : JMB
Sample : 12A0882-03@5X Inst : ECD 2A
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:52 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory			SDG:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04	File ID:	B0131062.d
Sampled:	01/27/12 12:00	Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:26
Solids:	91.50	Preparation:	SW-846 3546	Dilution:	5
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.021	0.11	R-05
11104-28-2	Aroclor-1221		0.042	0.11	
11141-16-5	Aroclor-1232		0.048	0.11	
53469-21-9	Aroclor-1242		0.037	0.11	
12672-29-6	Aroclor-1248		0.042	0.11	
11097-69-1	Aroclor-1254		0.037	0.11	
11096-82-5	Aroclor-1260		0.037	0.11	R-05
37324-23-5	Aroclor-1262		0.042	0.11	
11100-14-4	Aroclor-1268		0.037	0.11	

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131062.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:26 pm
Operator : JMB
Sample : 12A0882-04@5X Inst : ECD 2A
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:55 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 02 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	593.8E6	614.0E6	36.249	36.103
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.12%#	18.05%#
2) S Decachlor...	6.619	6.660	433.6E6	370.6E6	30.438	28.620
Spiked Amount	200.000	Range 60 - 300		Recovery =	15.22%#	14.31%#
Target Compounds						
3) L1 1016{1}	0.000	2.688	0	1157573	N.D.	2.918 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1157573	N.D.	2.918
Average 1016					0.000	2.918
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

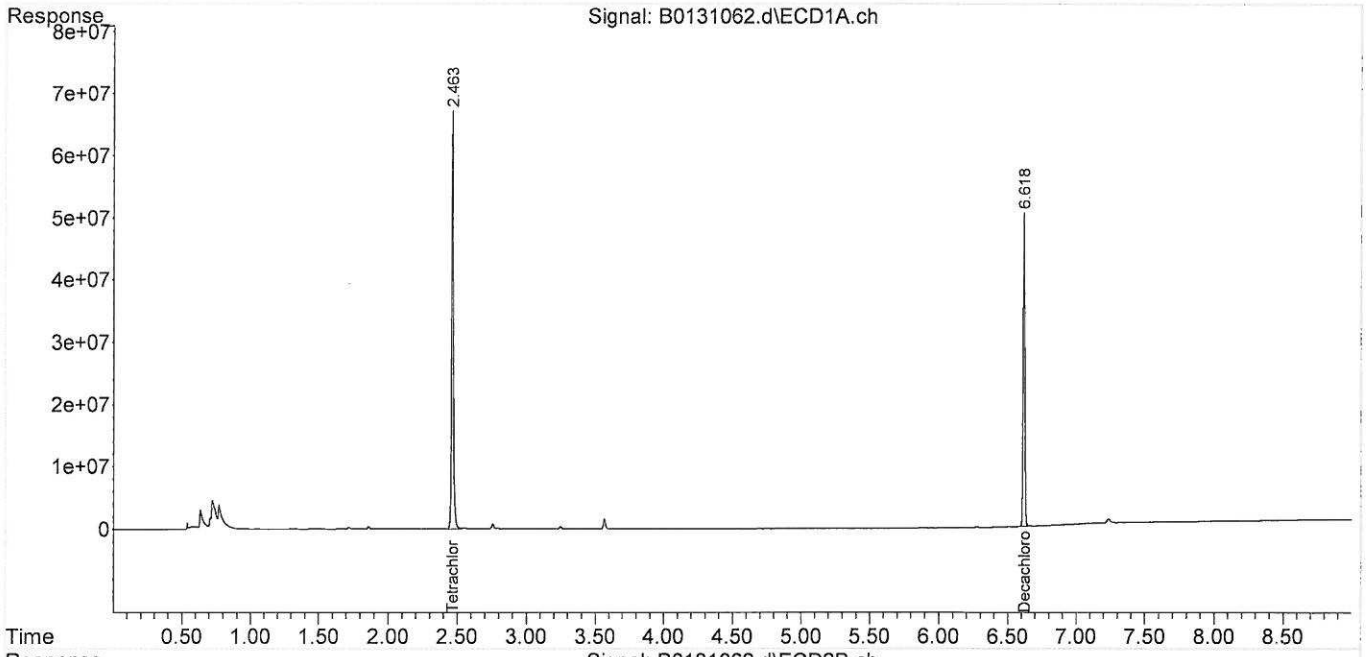
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

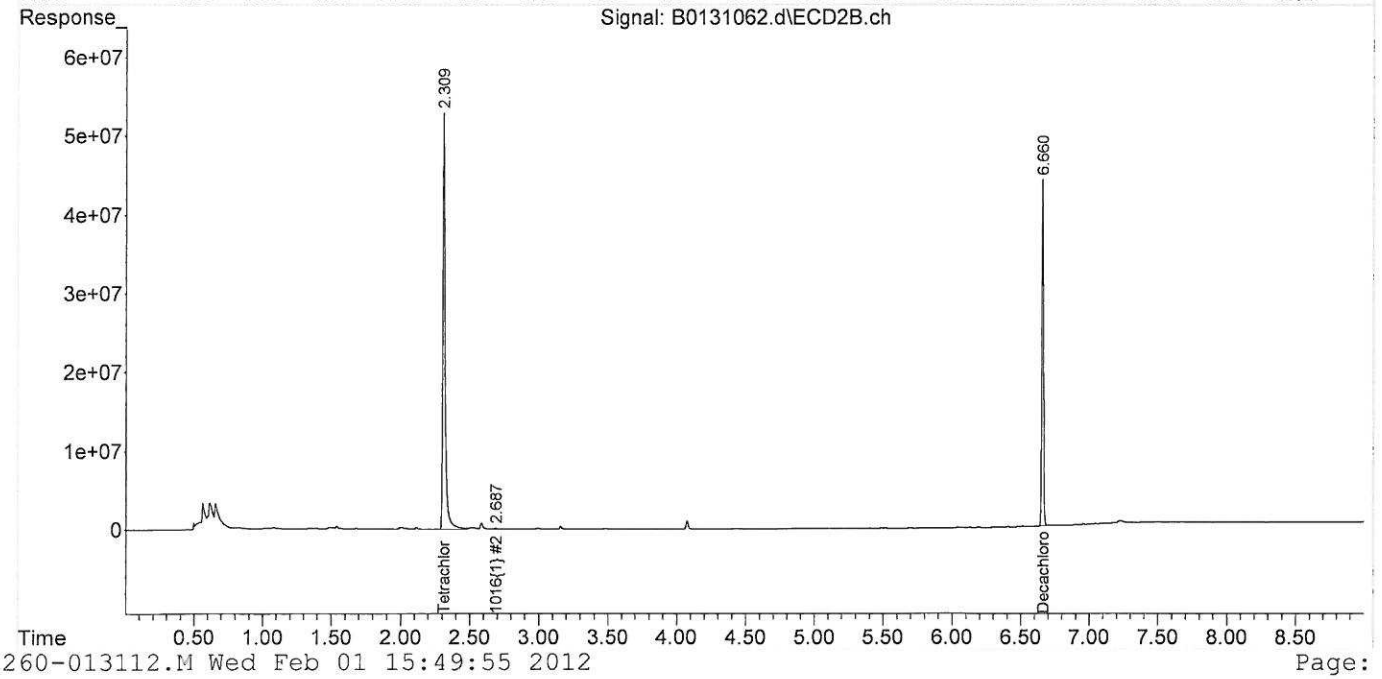
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131062.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:26 pm
Operator : JMB
Sample : 12A0882-04@5X Inst : ECD 2A
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:55 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Instrument:	ECD 2A

	DCB 1 (30% - 150%)	DCB 2 (30% - 150%)	TCX 1 (30% - 150%)	TCX 2 (30% - 150%)
12A0882-01	66.3	62.2	80.7	80.4
12A0882-02	63.5	60.5	81.1	81.6
12A0882-03	73.8	69.6	90.4	90.1
12A0882-04	76.1	71.6	90.6	90.3
B045275-BLK1	101	91.5	99.3	98.4
B045275-BS1	90.7	81.5	89.7	89.5
B045275-BSD1	123	109	124	119
B045275-MS1	80.5	75.5	91.5	89.6
B045275-MSD1	82.2	77.1	91.1	89.0

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8082A
Batch:	B045275	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045275-MS1
Initial/Final:	10 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	1		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016	0.219	ND	0.21	95.3	40 - 140
Aroclor-1260	0.219	ND	0.20	90.0	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.216	0.21	97.1	0.918	50	40 - 140
Aroclor-1260	0.216	0.21	94.9	4.36	50	40 - 140

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 8082A
Batch:	B045275	Preparation:	SW-846 3546
% Solids:	91.50	Laboratory ID:	B045275-MS1
Initial/Final:	10 g / 10 mL	Sample Lab ID:	12A0882-04
Column:	2		

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	0.219	ND	0.20	93.3	40 - 140
Aroclor-1260 [2C]	0.219	ND	0.18	84.4	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	0.216	0.21	97.9	3.83	50	40 - 140
Aroclor-1260 [2C]	0.216	0.19	89.8	5.21	50	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045275	Laboratory ID:	B045275-BS1
Column:	1	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aroclor-1016	0.200	0.19	93.0	40 - 140
Aroclor-1260	0.200	0.18	91.4	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.200	0.26	128	31.9	30	40 - 140
Aroclor-1260	0.200	0.25	126	31.7	30	40 - 140

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3546
Batch:	B045275	Laboratory ID:	B045275-BS1
Column:	2	Initial/Final:	10 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aroclor-1016 [2C]	0.200	0.19	93.9	40 - 140
Aroclor-1260 [2C]	0.200	0.17	86.7	40 - 140

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016 [2C]	0.200	0.26	130	32.2	30	40 - 140
Aroclor-1260 [2C]	0.200	0.23	117	29.6	30	40 - 140

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Blank ID:	B045275-BLK1	Batch:	B045275

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
Matrix Spike Dup	B045275-MSD1	B0131064.d	14:52
Matrix Spike	B045275-MS1	B0131063.d	14:39
LCS Dup	B045275-BSD1	B0131047.d	11:15
LCS	B045275-BS1	B0131046.d	11:02
FPC-SB03	12A0882-04	B0131062.d	14:26
FPC-SB02/D	12A0882-03	B0131061.d	14:13
FPC-SB02	12A0882-02	B0131060.d	14:01
FPC-SB01	12A0882-01	B0131059.d	13:48

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CALIBRATION DATA

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8082A

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200005 Instrument: ECD 2A

Calibration Date: 1/6/2012 12:00:42AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Aroclor-1016 (1)			10	737344.9	20	636892.5	50	614642	100	575296.5	200	565000
Aroclor-1016 (2)			10	311059.6	20	285535.6	50	261664	100	247340.6	200	237047.4
Aroclor-1016 (3)			10	289614	20	339060.3	50	326366.2	100	315621.8	200	310503
Aroclor-1016 (4)			10	321488.4	20	318888.1	50	290153.4	100	273379.1	200	264492.7
Aroclor-1016 (5)			10	283918.4	20	280469.8	50	286877.4	100	274435.2	200	260325.4
Aroclor-1016 (1) [2C]			10	348925	20	362064.5	50	387108	100	453921.3	200	421055.9
Aroclor-1016 (2) [2C]			10	807385.2	20	818275	50	747777.2	100	702952.1	200	667000
Aroclor-1016 (3) [2C]			10	764414.4	20	823584	50	741426.6	100	682528.5	200	640500
Aroclor-1016 (4) [2C]			10	370198.5	20	383108.6	50	357510.2	100	333183.2	200	315908.4
Aroclor-1016 (5) [2C]			10	411766.3	20	422453.9	50	388729	100	358920.7	200	344292.9
Aroclor-1260 (1)			10	1047485	20	915858	50	846902.4	100	777585.1	200	743000
Aroclor-1260 (2)			10	1353049	20	1260425	50	1212558	100	1152000	200	1131000
Aroclor-1260 (3)			10	913263.1	20	859619	50	816854.8	100	765793.1	200	746500
Aroclor-1260 (4)			10	861420.5	20	815403.5	50	804058.8	100	764479.7	200	757000
Aroclor-1260 (5)			10	1887905	20	1934142	50	1739639	100	1715000	200	1732500
Aroclor-1260 (1) [2C]			10	1229717	20	1250663	50	1071435	100	1003000	200	974500
Aroclor-1260 (2) [2C]			10	2049608	20	1957603	50	1700272	100	1613000	200	1575000
Aroclor-1260 (3) [2C]			10	1288388	20	1248037	50	1126181	100	1061000	200	1030500
Aroclor-1260 (4) [2C]			10	1180564	20	1202373	50	1102257	100	1042000	200	1014500
Aroclor-1260 (5) [2C]			10	2490919	20	2576775	50	2498000	100	2450000	200	2432500
Decachlorobiphenyl	5	1.471079E+07	10	1.417E+07	20	1.3865E+07	50	1.3958E+07	100	1.4018E+07	200	1.4283E+07
Decachlorobiphenyl [2C]	5	1.354997E+07	10	1.328E+07	20	1.297E+07	50	1.2972E+07	100	1.2745E+07	200	1.258E+07
Tetrachloro-m-xylene	5	1.568575E+07	10	1.567E+07	20	1.6E+07	50	1.6502E+07	100	1.6803E+07	200	1.70545E+07
Tetrachloro-m-xylene [2C]	5	1.745693E+07	10	1.711E+07	20	1.7025E+07	50	1.7054E+07	100	1.7047E+07	200	1.68225E+07

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8082A

Client: Ecology & Environment SDG: 12A0882

Project: 002699.ID25.03 - Farmingdale, NY

Calibration: 1200005 Instrument: ECD 2A

Calibration Date: 1/6/2012 12:00:42AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Aroclor-1016 (1)	250	552800										
Aroclor-1016 (2)	250	230681.9										
Aroclor-1016 (3)	250	306976.6										
Aroclor-1016 (4)	250	258053.5										
Aroclor-1016 (5)	250	256295.8										
Aroclor-1016 (1) [2C]	250	406800										
Aroclor-1016 (2) [2C]	250	651600										
Aroclor-1016 (3) [2C]	250	624800										
Aroclor-1016 (4) [2C]	250	308772.4										
Aroclor-1016 (5) [2C]	250	338084.6										
Aroclor-1260 (1)	250	735200										
Aroclor-1260 (2)	250	1128800										
Aroclor-1260 (3)	250	742000										
Aroclor-1260 (4)	250	756400										
Aroclor-1260 (5)	250	1744400										
Aroclor-1260 (1) [2C]	250	962800										
Aroclor-1260 (2) [2C]	250	1565600										
Aroclor-1260 (3) [2C]	250	1020800										
Aroclor-1260 (4) [2C]	250	1006800										
Aroclor-1260 (5) [2C]	250	2354400										
Decachlorobiphenyl	250	1.47188E+07										
Decachlorobiphenyl [2C]	250	1.25604E+07										
Tetrachloro-m-xylene	250	1.69596E+07										
Tetrachloro-m-xylene [2C]	250	1.65328E+07										

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Calibration:	1200005	Instrument:	ECD 2A
		Calibration Date:	1/6/2012 12:00:42AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Aroclor-1016 (1)	613662.6	11.1			15	
Aroclor-1016 (2)	262221.5	11.8			15	
Aroclor-1016 (3)	314690.3	5.4			15	
Aroclor-1016 (4)	287742.5	9.5			15	
Aroclor-1016 (5)	273720.3	4.6			15	
Aroclor-1016 (1) [2C]	396645.8	9.8			15	
Aroclor-1016 (2) [2C]	732498.2	9.6			15	
Aroclor-1016 (3) [2C]	712875.6	10.8			15	
Aroclor-1016 (4) [2C]	344780.2	8.7			15	
Aroclor-1016 (5) [2C]	377374.6	9.4			15	
Aroclor-1260 (1)	844338.4	14.3			15	
Aroclor-1260 (2)	1206305	7.3			15	
Aroclor-1260 (3)	807338.3	8.5			15	
Aroclor-1260 (4)	793127.1	5.3			15	
Aroclor-1260 (5)	1792264	5.2			15	
Aroclor-1260 (1) [2C]	1082019	11.9			15	
Aroclor-1260 (2) [2C]	1743514	12.0			15	
Aroclor-1260 (3) [2C]	1129151	10.1			15	
Aroclor-1260 (4) [2C]	1091416	7.8			15	
Aroclor-1260 (5) [2C]	2467099	3.0			15	
Decachlorobiphenyl	1.424623E+07	2.4			15	
Decachlorobiphenyl [2C]	1.295105E+07	2.8			15	
Tetrachloro-m-xylene	1.638212E+07	3.6			15	
Tetrachloro-m-xylene [2C]	1.700689E+07	1.7			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Sequence:	S001665	Instrument:	ECD 2A
Calibration:	1200005		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1201045	Aroclor 1260/1016 Standard=5 ppb	S001665-CAL1	B0106030.d	01/06/12 16:03
1201044	Aroclor 1260/1016 Standard=10 ppb	S001665-CAL2	B0106031.d	01/06/12 16:16
1201043	Aroclor 1260/1016 Standard=20 ppb	S001665-CAL3	B0106032.d	01/06/12 16:29
1201042	Aroclor 1260/1016 Standard=50 ppb	S001665-CAL4	B0106033.d	01/06/12 16:42
1201041	Aroclor 1260/1016 Standard=100 ppb	S001665-CAL5	B0106034.d	01/06/12 16:54
1201040	Aroclor 1260/1016 Standard=200 ppb	S001665-CAL6	B0106035.d	01/06/12 17:07
1201039	Aroclor 1260/1016 Standard=250 ppb	S001665-CAL7	B0106036.d	01/06/12 17:20

Response Factor Report ECD 2A

Method Path : C:\msdchem\1\METHODS\
Method File : 2-1260-010612C.M
Title : 1260/1016 01/06/12 01/06/12
Last Update : Fri Jan 06 17:34:47 2012
Response Via : Initial Calibration

Calibration Files
5 =B0106030.d 10 =B0106031.d 20 =B0106032.d
50 =B0106033.d 100 =B0106034.d 200 =B0106035.d

		Compound	5	10	20	50	100	200	Avg		%RSD
1)	S	Tetrachloro-m...	1.569	1.567	1.600	1.650	1.680	1.705	1.638	E7	3.62
2)	S	Decachlorobip...	1.471	1.417	1.386	1.396	1.402	1.428	1.425	E7	2.44
3)	L1	1016{1}		7.373	6.369	6.146	5.753	5.649	6.136	E5	11.15
4)	L1	1016{2}		3.111	2.855	2.617	2.473	2.370	2.622	E5	11.79
5)	L1	1016{3}		2.896	3.391	3.264	3.156	3.105	3.147	E5	5.39
6)	L1	1016{4}		3.215	3.189	2.902	2.734	2.645	2.877	E5	9.51
7)	L1	1016{5}		2.839	2.805	2.869	2.744	2.603	2.737	E5	4.64
8)	L7	1260{1}		1.047	0.916	0.847	0.778	0.743	0.844	E6	14.31
9)	L7	1260{2}		1.353	1.260	1.213	1.152	1.131	1.206	E6	7.33
10)	L7	1260{3}		9.133	8.596	8.169	7.658	7.465	8.073	E5	8.54
11)	L7	1260{4}		8.614	8.154	8.041	7.645	7.570	7.932	E5	5.27
12)	L7	1260{5}		1.888	1.934	1.740	1.715	1.732	1.792	E6	5.23

Signal #2 Calibration Files
5 =B0106030.d 10 =B0106032.d 20 =B0106034.d
50 =B0106036.d 100 =B0106035.d 200 =B0106033.d

		Compound	5	10	20	50	100	200	Avg		%RSD
1)	S	Tetrachloro-m...	1.746	1.711	1.702	1.705	1.705	1.682	1.701	E7	1.66
2)	S	Decachlorobip...	1.355	1.328	1.297	1.297	1.275	1.258	1.295	E7	2.82
3)	L1	1016{1}		3.489	3.621	3.871	4.539	4.211	3.966	E5	9.79
4)	L1	1016{2}		8.074	8.183	7.478	7.030	6.669	7.325	E5	9.64
5)	L1	1016{3}		7.644	8.236	7.414	6.825	6.405	7.129	E5	10.80
6)	L1	1016{4}		3.702	3.831	3.575	3.332	3.159	3.448	E5	8.74
7)	L1	1016{5}		4.118	4.225	3.887	3.589	3.443	3.774	E5	9.42
8)	L7	1260{1}		1.230	1.251	1.071	1.003	0.974	1.082	E6	11.87
9)	L7	1260{2}		2.050	1.958	1.700	1.613	1.575	1.743	E6	11.99
10)	L7	1260{3}		1.288	1.248	1.126	1.061	1.030	1.129	E6	10.14
11)	L7	1260{4}		1.181	1.202	1.102	1.042	1.014	1.091	E6	7.76
12)	L7	1260{5}		2.491	2.577	2.498	2.450	2.432	2.467	E6	3.02

(#) = Out of Range ### Number of calibration levels exceeded format ###

DATA ANALYSIS PARAMETERS

Method Name: C:\msdchem\1\METHODS\2-1260-010612C.M

Percent Report Settings

Sort By: Signal

Output Destination
    Screen: No
    Printer: Yes
    File: No

Integration Events: AutoIntegrate

Generate Report During Run Method: No

Signal Correlation Window: 0.020

Quantitative Report Settings

Report Type: Summary

Output Destination
    Screen: Yes
    Printer: No
    File: No

Generate Report During Run Method: Yes

1260/1016 01/06/12 01/06/12
Calibration Last Updated: Fri Jan 06 17:34:47 2012

Reference Window: 2.00 Minutes
Non-Reference Window: 1.00 Minutes
Correlation Window: 0.10 minutes
Default Multiplier: 1.00
Default Sample Concentration: 0.00

Compound Information

1) Tetrachloro-m-xylene ( )
Ret. Time 2.475 min., Extract & Integrate from 2.445 to 2.505 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	78428772
10		10.000	156726791
20		20.000	319987594
50		50.000	825064676
100		100.000	1680275258
200		200.000	3410898506
250		250.000	4239873377

Curve Fit: Avg. RF

2) Decachlorobiphenyl ( )
Ret. Time 6.650 min., Extract & Integrate from 6.620 to 6.680 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	73553942
10		10.000	141692627
20		20.000	277292185
50		50.000	697941337
100		100.000	1401805114
200		200.000	2856609398
250		250.000	3679668233

Curve Fit: Avg. RF

---

3) 1016{1} ( )
Ret. Time 3.018 min., Extract & Integrate from 2.988 to 3.048 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	7373449
20		20.000	12737845
50		50.000	30732105
100		100.000	57529653
200		200.000	112978842
250		250.000	138191784

Curve Fit: Avg. RF

---

4) 1016{2} ( )
Ret. Time 3.177 min., Extract & Integrate from 3.147 to 3.207 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3110596
20		20.000	5710712
50		50.000	13083201
100		100.000	24734055
200		200.000	47409491
250		250.000	57670484

Curve Fit: Avg. RF

---

5) 1016{3} ( )
Ret. Time 3.511 min., Extract & Integrate from 3.481 to 3.541 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	2896140
20		20.000	6781207
50		50.000	16318310
100		100.000	31562180
200		200.000	62100588
250		250.000	76744148

Curve Fit: Avg. RF

---

6) 1016{4} ( )
Ret. Time 3.621 min., Extract & Integrate from 3.591 to 3.651 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3214884
20		20.000	6377762
50		50.000	14507669
100		100.000	27337912

200	200.000	52898535
250	250.000	64513378

Curve Fit: Avg. RF

---

7) 1016{5} ( )

Ret. Time 3.837 min., Extract & Integrate from 3.807 to 3.867 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	2839184
20		20.000	5609397
50		50.000	14343869
100		100.000	27443517
200		200.000	52065076
250		250.000	64073964

Curve Fit: Avg. RF

---

8) 1260{1} ( )

Ret. Time 4.719 min., Extract & Integrate from 4.689 to 4.749 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	10474854
20		20.000	18317162
50		50.000	42345117
100		100.000	77758509
200		200.000	148609821
250		250.000	183802657

Curve Fit: Avg. RF

---

9) 1260{2} ( )

Ret. Time 4.941 min., Extract & Integrate from 4.912 to 4.971 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	13530487
20		20.000	25208505
50		50.000	60627885
100		100.000	115210679
200		200.000	226155911
250		250.000	282240231

Curve Fit: Avg. RF

---

10) 1260{3} ( )

Ret. Time 5.258 min., Extract & Integrate from 5.228 to 5.288 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	9132631
20		20.000	17192376
50		50.000	40842744
100		100.000	76579310
200		200.000	149291166
250		250.000	185474778

Curve Fit: Avg. RF

---

11) 1260{4} ( )

Ret. Time 5.459 min., Extract & Integrate from 5.429 to 5.489 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	8614205
20		20.000	16308069
50		50.000	40202936
100		100.000	76447970
200		200.000	151400586
250		250.000	189136267

Curve Fit: Avg. RF

---

12) 1260{5} ( )

Ret. Time 5.712 min., Extract & Integrate from 5.682 to 5.742 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	18879047
20		20.000	38682839
50		50.000	86981930
100		100.000	171472538
200		200.000	346480901
250		250.000	436088232

Curve Fit: Avg. RF

---

13) Signal #2 ( )

Ret. Time 10.904 min., Extract & Integrate from 10.874 to 10.934 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	-1
10		10.000	-1
20		20.000	-1
50		50.000	-1
100		100.000	-1
200		200.000	-1
250		250.000	-1

Curve Fit: Avg. RF

---

14) Tetrachloro-m-xylene #2 ( )

Ret. Time 2.329 min., Extract & Integrate from 2.299 to 2.359 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	87284648
10		10.000	171126202
20		20.000	340472666
50		50.000	852721943
100		100.000	1704735062
200		200.000	3364478067
250		250.000	4133186118

Curve Fit: Avg. RF

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15) Decachlorobiphenyl #2 ( )

Ret. Time 6.697 min., Extract & Integrate from 6.667 to 6.727 min.

Lvl	ID	Conc (ug/L)	Response
5		5.000	67749839
10		10.000	132779910
20		20.000	259352404
50		50.000	648609387
100		100.000	1274512386
200		200.000	2516033915
250		250.000	3140121786

Curve Fit: Avg. RF

16) 1016{1} #2 ( )
Ret. Time 2.692 min., Extract & Integrate from 2.662 to 2.722 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3489250
20		20.000	7241290
50		50.000	19355404
100		100.000	45392132
200		200.000	84211173
250		250.000	101691187

Curve Fit: Avg. RF

17) 1016{2} #2 ( )
Ret. Time 2.977 min., Extract & Integrate from 2.947 to 3.007 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	8073852
20		20.000	16365498
50		50.000	37388866
100		100.000	70295208
200		200.000	133375938
250		250.000	162912228

Curve Fit: Avg. RF

18) 1016{3} #2 ( )
Ret. Time 3.404 min., Extract & Integrate from 3.374 to 3.433 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	7644144
20		20.000	16471682
50		50.000	37071332
100		100.000	68252849
200		200.000	128105060
250		250.000	156214220

Curve Fit: Avg. RF

19) 1016{4} #2 ( )
Ret. Time 3.548 min., Extract & Integrate from 3.518 to 3.578 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	3701985
20		20.000	7662172
50		50.000	17875514
100		100.000	33318323
200		200.000	63181674
250		250.000	77193104

Curve Fit: Avg. RF

20) 1016{5} #2 ( )
Ret. Time 3.579 min., Extract & Integrate from 3.549 to 3.609 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for this compound	
10		10.000	4117663
20		20.000	8449079

50	50.000	19436452
100	100.000	35892074
200	200.000	68858583
250	250.000	84521151

Curve Fit: Avg. RF

---

21) 1260{1} #2 ( )

Ret. Time 4.712 min., Extract & Integrate from 4.683 to 4.742 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	12297171
20		20.000	25013259
50		50.000	53571764
100		100.000	100289630
200		200.000	194888688
250		250.000	240670270

Curve Fit: Avg. RF

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22) 1260{2} #2 ( )

Ret. Time 5.164 min., Extract & Integrate from 5.134 to 5.194 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	20496085
20		20.000	39152065
50		50.000	85013578
100		100.000	161268720
200		200.000	315010993
250		250.000	391406785

Curve Fit: Avg. RF

---

23) 1260{3} #2 ( )

Ret. Time 5.239 min., Extract & Integrate from 5.209 to 5.268 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	12883883
20		20.000	24960743
50		50.000	56309033
100		100.000	106144419
200		200.000	206084017
250		250.000	255161227

Curve Fit: Avg. RF

---

24) 1260{4} #2 ( )

Ret. Time 5.475 min., Extract & Integrate from 5.445 to 5.505 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	11805636
20		20.000	24047461
50		50.000	55112833
100		100.000	104210331
200		200.000	202874772
250		250.000	251703389

Curve Fit: Avg. RF

---

25) 1260{5} #2 ( )

Ret. Time 5.684 min., Extract & Integrate from 5.654 to 5.714 min.

Lvl	ID	Conc (ug/L)	Response
5		not used for	this compound
10		10.000	24909193
20		20.000	51535489
50		50.000	124889484
100		100.000	244974232
200		200.000	486486882
250		250.000	588584300

Curve Fit: Avg. RF

END OF DATA ANALYSIS PARAMETERS

Tue Jan 17 17:44:28 2012

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:03 pm
Operator : JMB
Sample : S001665-CAL1 Inst : ECD 2A
Misc : 1260/1016 5
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:13 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	78428772	87284648	NoCal	NoCal
Spiked Amount 200.000	Range 60 - 300		Recovery =		0.00%#	0.00%#
2) S Decachlor...	6.650	6.697	73553942	67749839	NoCal	NoCal
Spiked Amount 200.000	Range 60 - 300		Recovery =		0.00%#	0.00%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	3665712	1660049	NoCal	NoCal
4) L1 1016{2}	3.169	2.979	1603425	4282344	NoCal	NoCal
5) L1 1016{3}	3.510	3.406	1391269	4146402	NoCal	NoCal
6) L1 1016{4}	3.602f	3.548	1270380	1080510	NoCal	NoCal
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.719	4.714	6186353	7681059	NoCal	NoCal
9) L7 1260{2}	4.941	5.167	7269063	9392587	NoCal	NoCal
10) L7 1260{3}	5.259	5.240	4746401	6432227	NoCal	NoCal
11) L7 1260{4}	5.458	5.476	4144470	6116016	NoCal	NoCal
12) L7 1260{5}	5.712	5.685	9985833	13199174	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

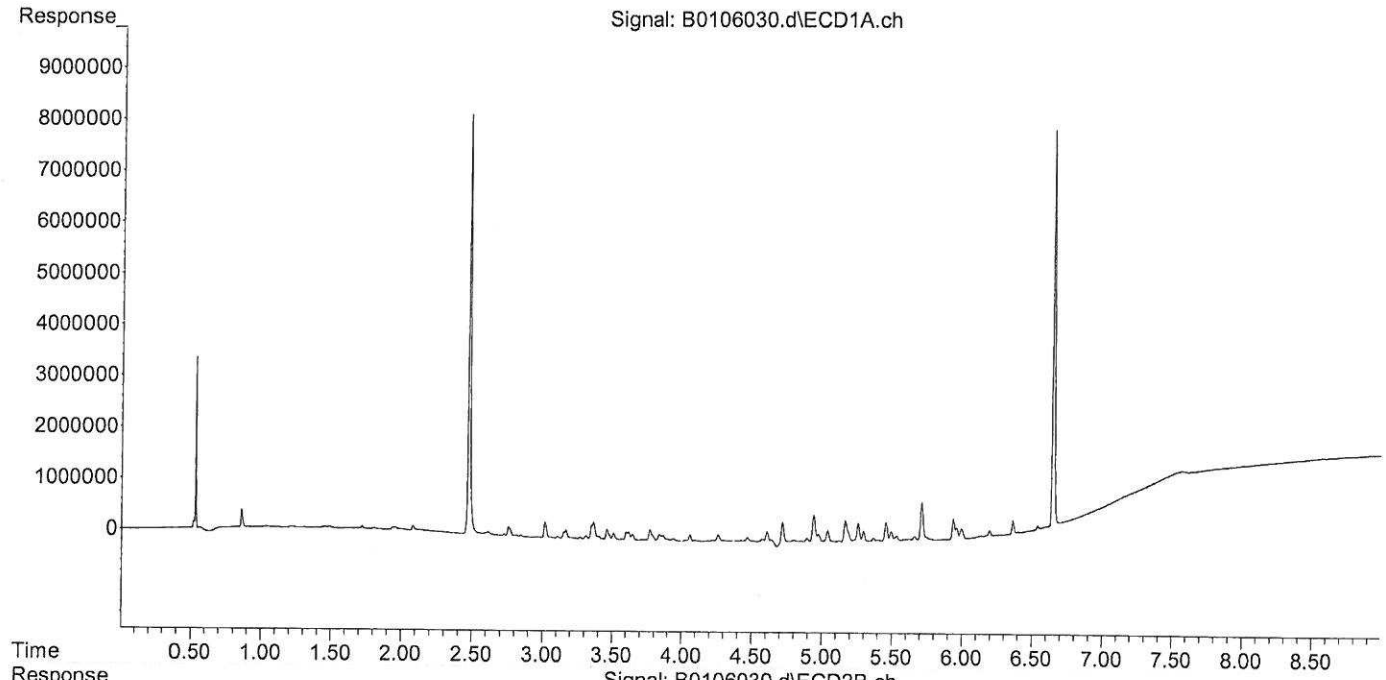
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

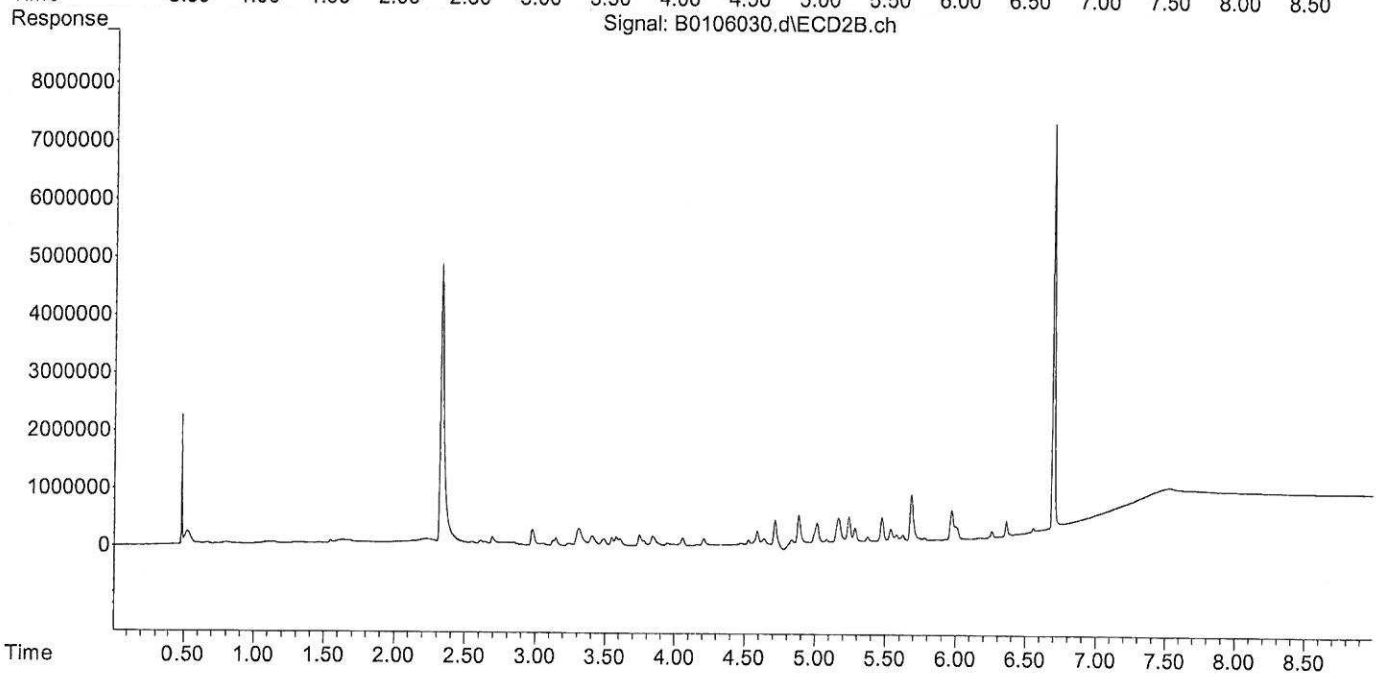
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106030.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:03 pm
Operator : JMB
Sample : S001665-CAL1 Inst : ECD 2A
Misc : 1260/1016 5
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:13 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:33:05 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	156.7E6	171.1E6	9.992	9.803
Spiked Amount 200.000	Range 60 - 300		Recovery =		5.00%#	4.90%#
2) S Decachlor...	6.650	6.697	141.7E6	132.8E6	9.632	9.799
Spiked Amount 200.000	Range 60 - 300		Recovery =		4.82%#	4.90%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	7373449	3489250	NoCal	NoCal
4) L1 1016{2}	3.169	2.978	3110596	8073852	NoCal	NoCal
5) L1 1016{3}	3.510	3.405	2896140	7644144	NoCal	NoCal
6) L1 1016{4}	3.620	3.549	3214884	3701985	NoCal	NoCal
7) L1 1016{5}	3.837	3.580	2839184	4117663	NoCal	NoCal
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.719	4.714	10474854	12297171	NoCal	NoCal m
9) L7 1260{2}	4.942	5.166	13530487	20496085	NoCal	NoCal
10) L7 1260{3}	5.259	5.239	9132631	12883883	NoCal	NoCal
11) L7 1260{4}	5.458	5.476	8614205	11805636	NoCal	NoCal
12) L7 1260{5}	5.711	5.685	18879047	24909193	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

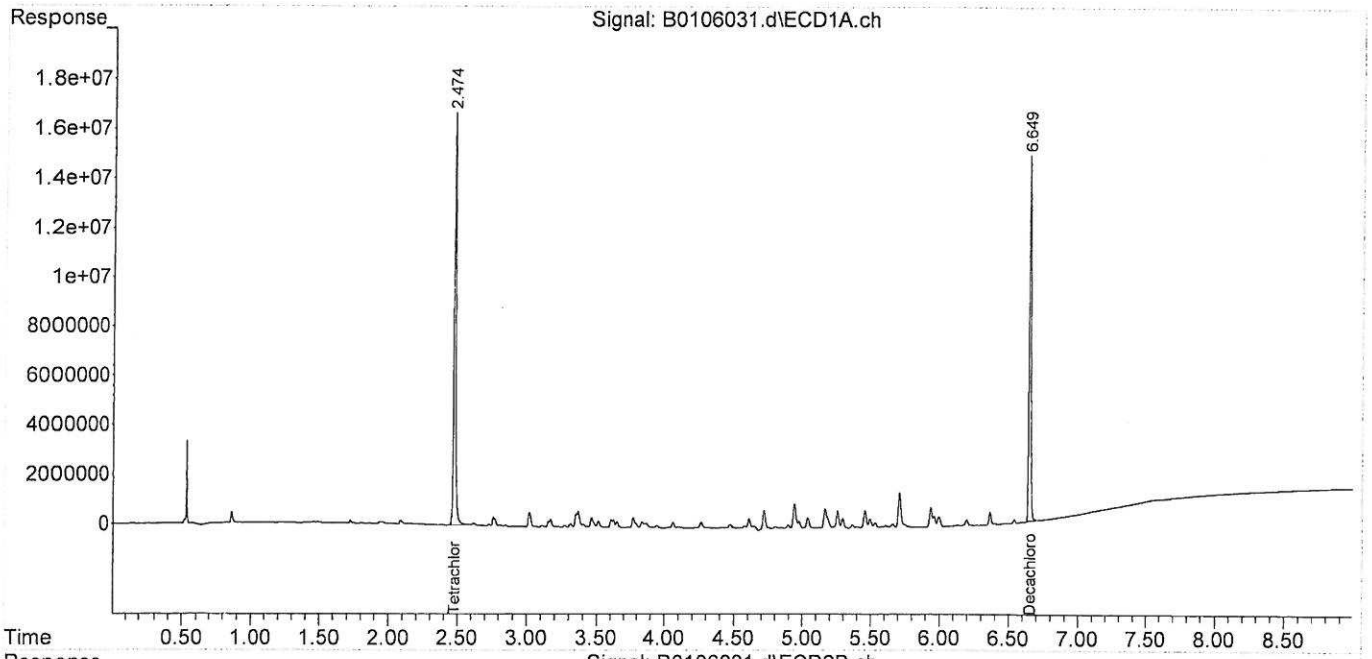
CHECKED BY: PETER GRYSZKIEWICZ JAN 06 2012

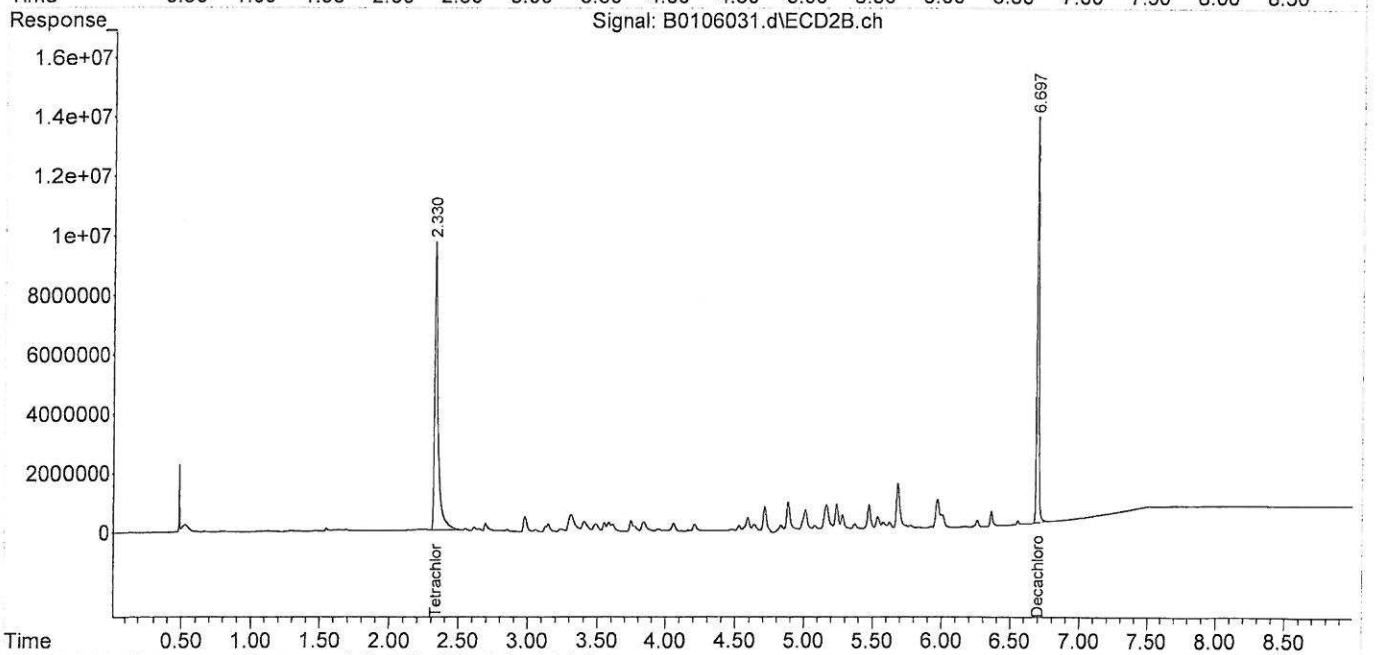
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:33:05 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



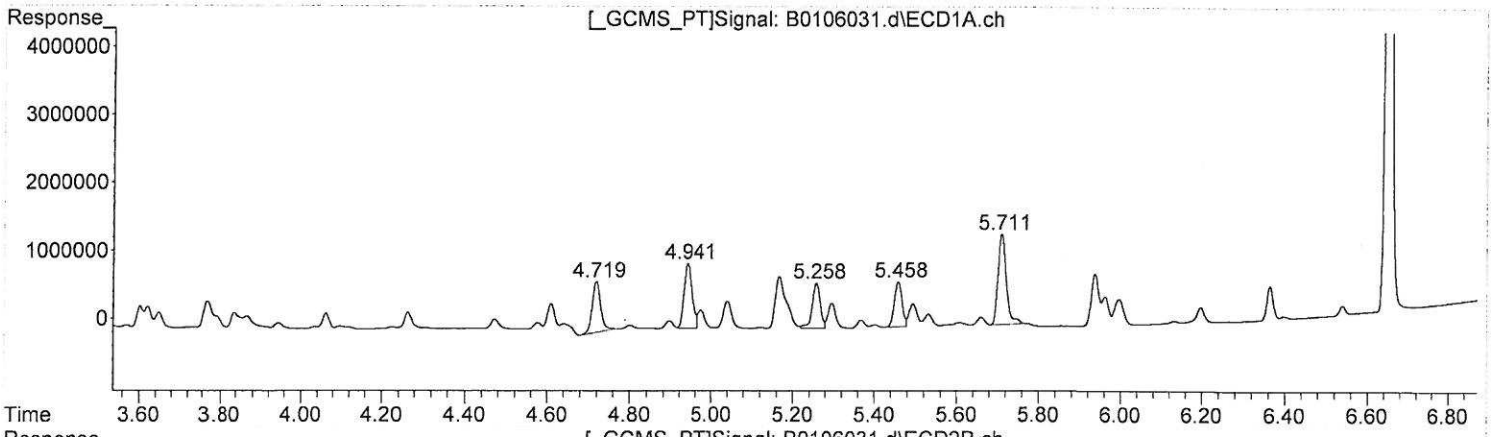


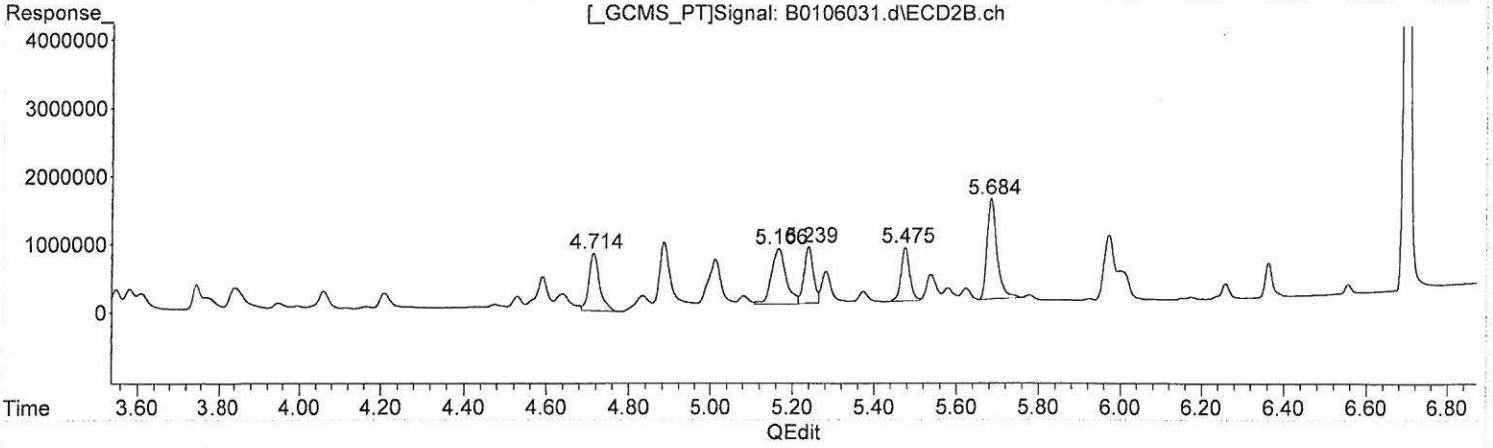
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:32:36 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





(8) 1260{1} (L7)

R.T.	Response	Conc
4.72	10474854	0.00
4.94	13530487	0.00
5.26	9132631	0.00
5.46	8614205	0.00
5.71	18879047	0.00

(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.71	14685101	0.00
5.17	20496085	0.00
5.24	12883883	0.00
5.48	11805636	0.00
5.68	24909193	0.00

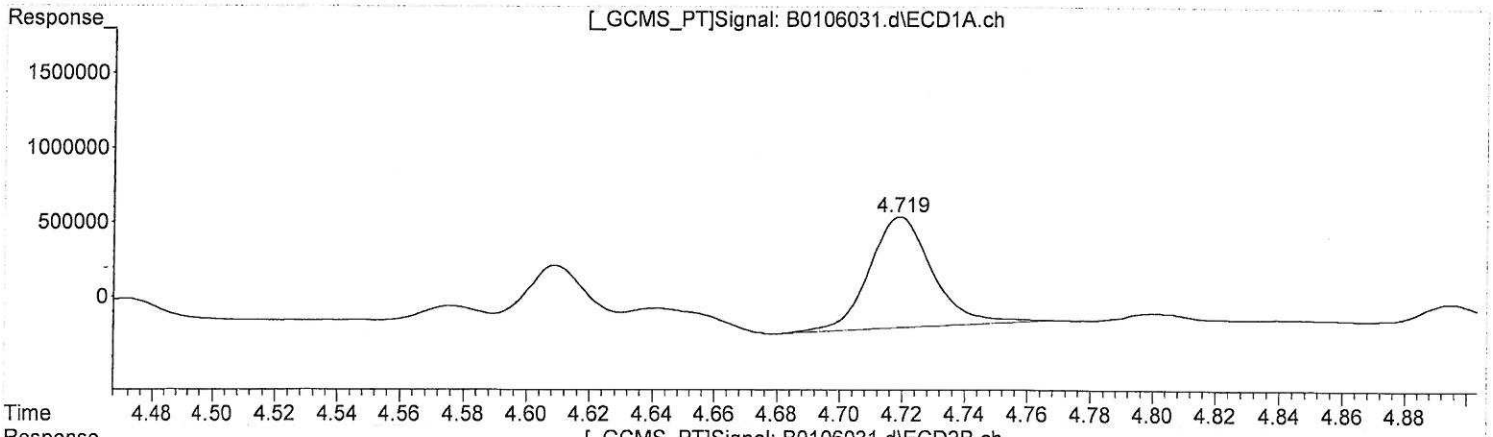
(+) = Expected Retention Time

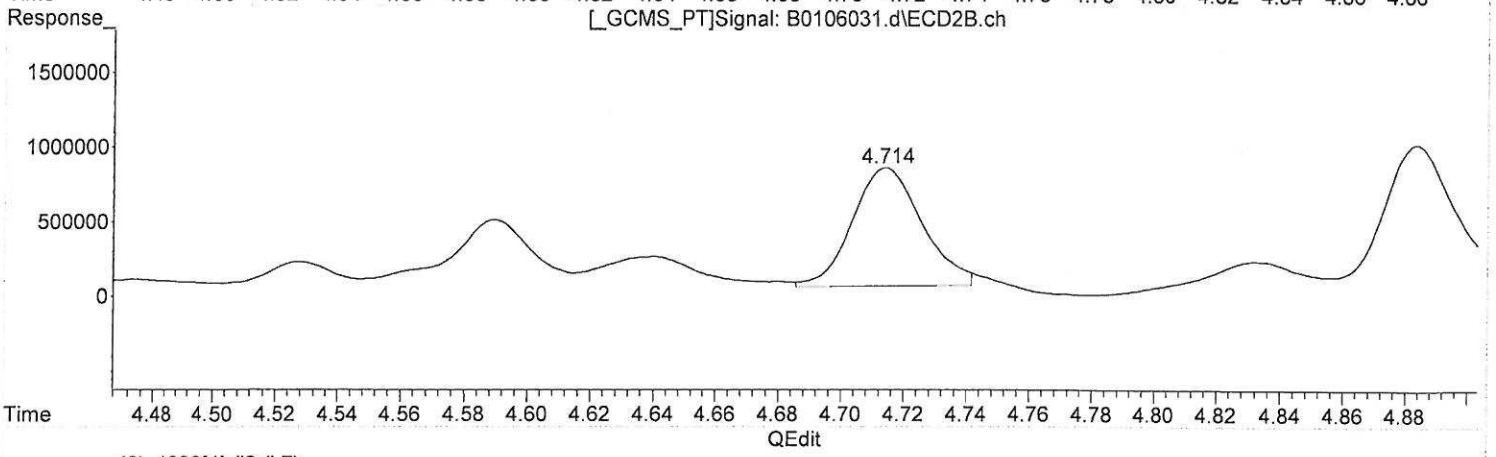
Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\010612\
Data File : B0106031.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:16 pm
Operator : JMB
Sample : 1260/1016 10 Inst : ECD 2A
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:32:36 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:32:36 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.72	10474854	0.00
4.94	13530487	0.00
5.26	9132631	0.00
5.46	8614205	0.00
5.71	18879047	0.00

(8) 1260{1}#2 (L7)

R.T.	Response	Conc
4.71	12297171	0.00
5.17	20496085	0.00
5.24	12883883	0.00
5.48	11805636	0.00
5.68	24909193	0.00

(+) = Expected Retention Time

Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:29 pm
Operator : JMB
Sample : S001665-CAL3 Inst : ECD 2A
Misc : 1260/1016 20
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	320.0E6	340.5E6	20.400	19.504
Spiked Amount 200.000	Range 60 - 300		Recovery =		10.20%#	9.75%#
2) S Decachlor...	6.651	6.697	277.3E6	259.4E6	18.850	19.140
Spiked Amount 200.000	Range 60 - 300		Recovery =		9.43%#	9.57%#
Target Compounds						
3) L1 1016{1}	3.018	2.693	12737845	7241290	NoCal	NoCal
4) L1 1016{2}	3.169	2.978	5710712	16365498	NoCal	NoCal
5) L1 1016{3}	3.510	3.404	6781207	16471682	NoCal	NoCal
6) L1 1016{4}	3.620	3.549	6377762	7662172	NoCal	NoCal
7) L1 1016{5}	3.837	3.580	5609397	8449079	NoCal	NoCal
Sum 1016			0	0	N.D.	N.D.
Average 1016					0.000	0.000
8) L7 1260{1}	4.720	4.714	18317162	25013259	NoCal	NoCal
9) L7 1260{2}	4.942	5.166	25208505	39152065	NoCal	NoCal
10) L7 1260{3}	5.259	5.240	17192376	24960743	NoCal	NoCal
11) L7 1260{4}	5.459	5.476	16308069	24047461	NoCal	NoCal
12) L7 1260{5}	5.712	5.685	38682839	51535489	NoCal	NoCal
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

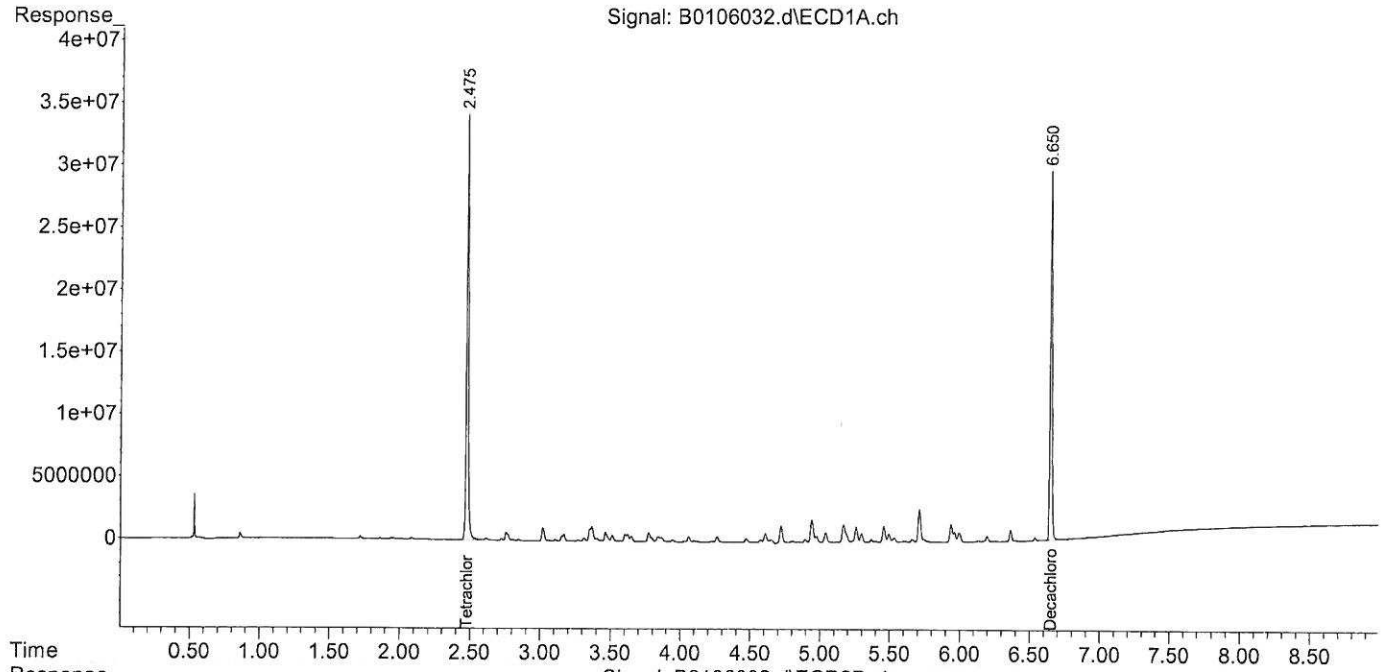
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

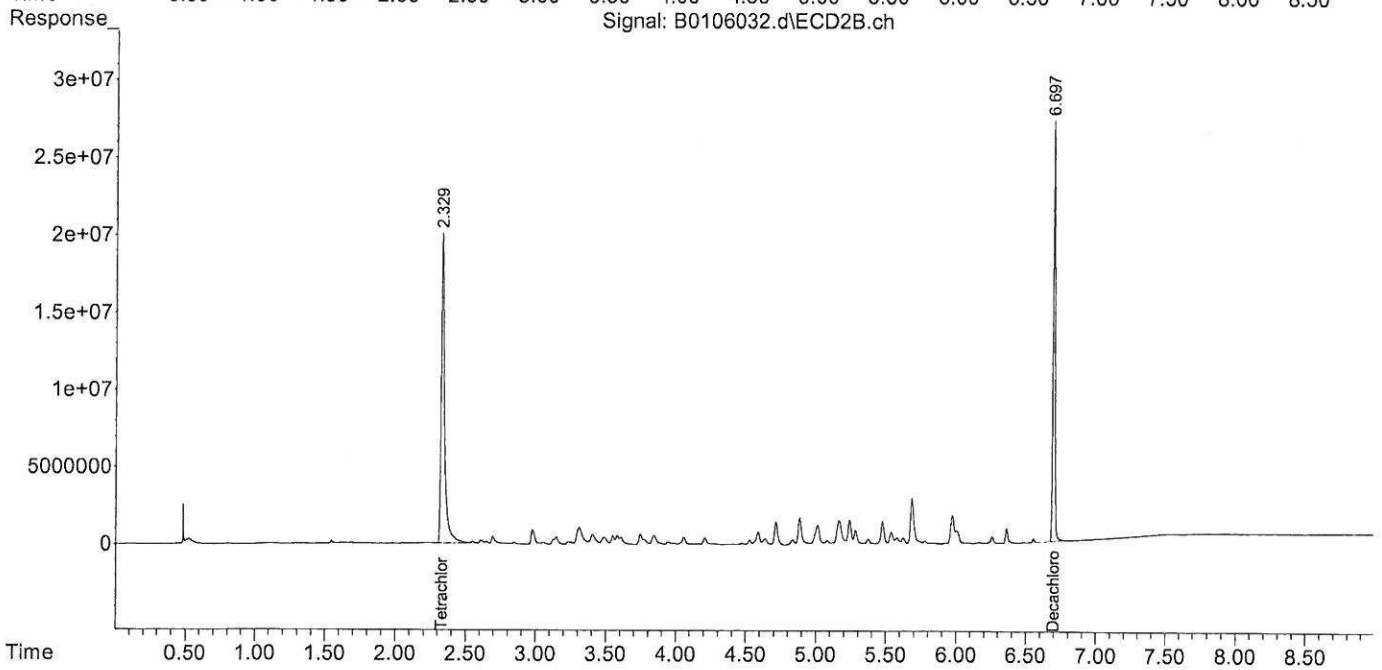
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106032.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:29 pm
Operator : JMB
Sample : S001665-CAL3 Inst : ECD 2A
Misc : 1260/1016 20
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106033.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:42 pm
Operator : JMB
Sample : S001665-CAL4 Inst : ECD 2A
Misc : 1260/1016 50
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.330	825.1E6	852.7E6	16.461	16.849
Spiked Amount 200.000	Range	60 - 300	Recovery =		8.23%#	8.42%#
2) S Decachlor...	6.651	6.697	697.9E6	648.6E6	16.255	16.964
Spiked Amount 200.000	Range	60 - 300	Recovery =		8.13%#	8.48%#
Target Compounds						
3) L1 1016{1}	3.018	2.694	30732105	19355404	15.282	13.190
4) L1 1016{2}	3.169	2.979	13083201	37388866	15.234	15.350
5) L1 1016{3}	3.510	3.404	16318310	37071332	14.794	15.666
6) L1 1016{4}	3.620	3.549	14507669	17875514	15.176	15.518
7) L1 1016{5}	3.837	3.580	14343869	19436452	15.361	15.492
Sum 1016			88985154	131.1E6	75.846	75.215
Average 1016					15.169	15.043
8) L7 1260{1}	4.719	4.714	42345117	53571764	15.565	15.008
9) L7 1260{2}	4.941	5.166	60627885	85013578	14.981	14.813
10) L7 1260{3}	5.258	5.240	40842744	56309033	15.196	15.048
11) L7 1260{4}	5.459	5.476	40202936	55112833	14.959	15.019
12) L7 1260{5}	5.711	5.685	86981930	124.9E6	14.127	14.676
Sum 1260			271.0E6	374.9E6	74.829	74.565
Average 1260					14.966	14.913

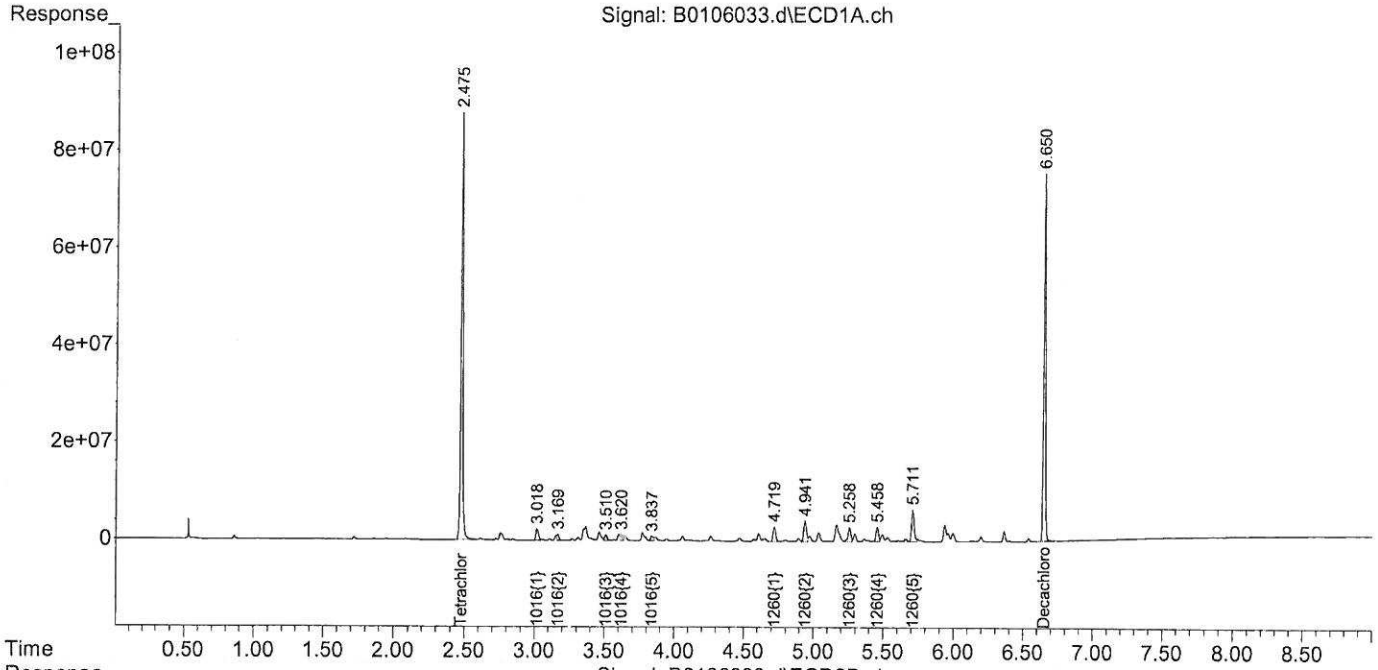
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

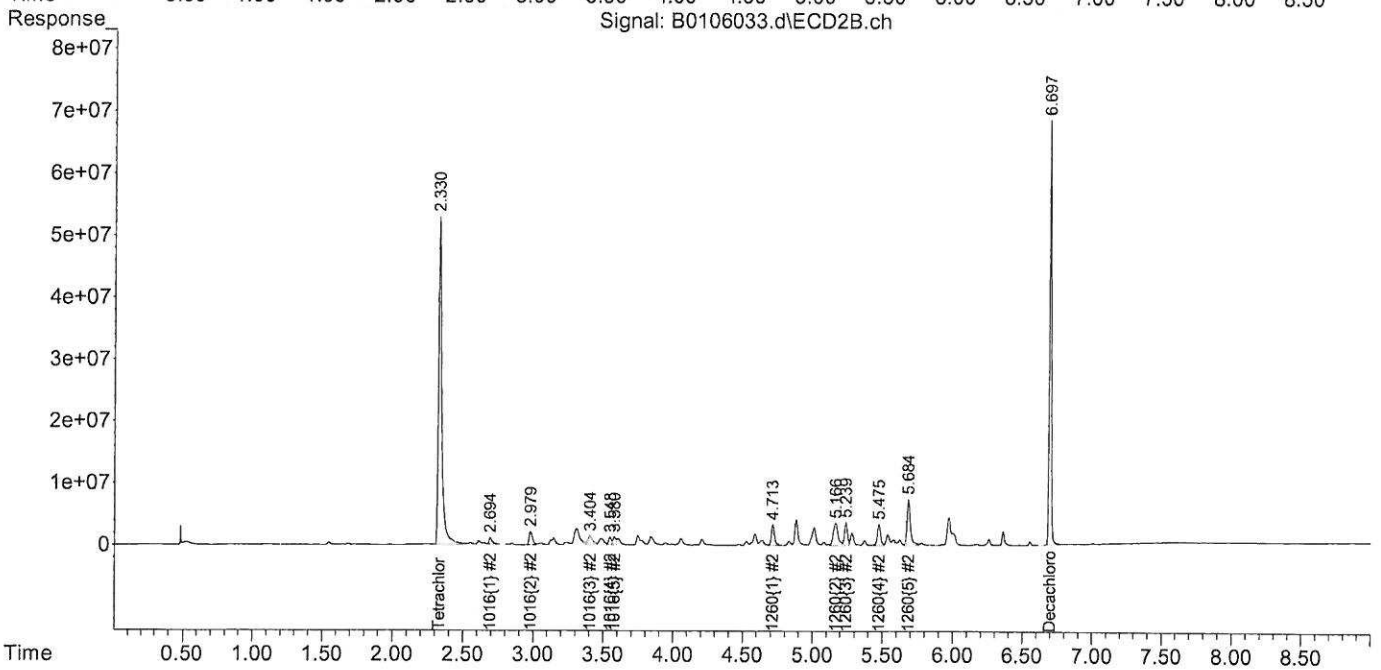
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106033.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:42 pm
Operator : JMB
Sample : S001665-CAL4 Inst : ECD 2A
Misc : 1260/1016 50
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:54 pm
Operator : JMB
Sample : S001665-CAL5 Inst : ECD 2A
Misc : 1260/1016 100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachlo...	2.475	2.329	1680.3E6	1704.7E6	70.475	66.198	
	Spiked Amount 200.000	Range 60 - 300		Recovery =		35.24%#	33.10%#	
2)	S Decachlor...	6.650	6.697	1401.8E6	1274.5E6	66.061	64.556	
	Spiked Amount 200.000	Range 60 - 300		Recovery =		33.03%#	32.28%#	
	Target Compounds							
3)	L1 1016{1}	3.018	2.694	57529653	45392132	45.164	62.685	#
4)	L1 1016{2}	3.168	2.979	24734055	70295208	43.312	42.953	
5)	L1 1016{3}	3.509	3.403	31562180	68252849	46.544	41.436	
6)	L1 1016{4}	3.620	3.548	27337912	33318323	42.864	43.484	
7)	L1 1016{5}	3.836	3.579	27443517	35892074	48.924	42.480	
	Sum 1016			168.6E6	253.2E6	226.808	233.040	
Average	1016					45.362	46.608	
8)	L7 1260{1}	4.719	4.713	77758509	100.3E6	42.451	40.095	
9)	L7 1260{2}	4.941	5.166	115.2E6	161.3E6	45.703	41.190	
10)	L7 1260{3}	5.258	5.239	76579310	106.1E6	44.543	42.525	
11)	L7 1260{4}	5.458	5.475	76447970	104.2E6	46.877	43.335	
12)	L7 1260{5}	5.711	5.684	171.5E6	245.0E6	44.328	47.535	
	Sum 1260			517.5E6	716.9E6	223.902	214.680	
Average	1260					44.780	42.936	

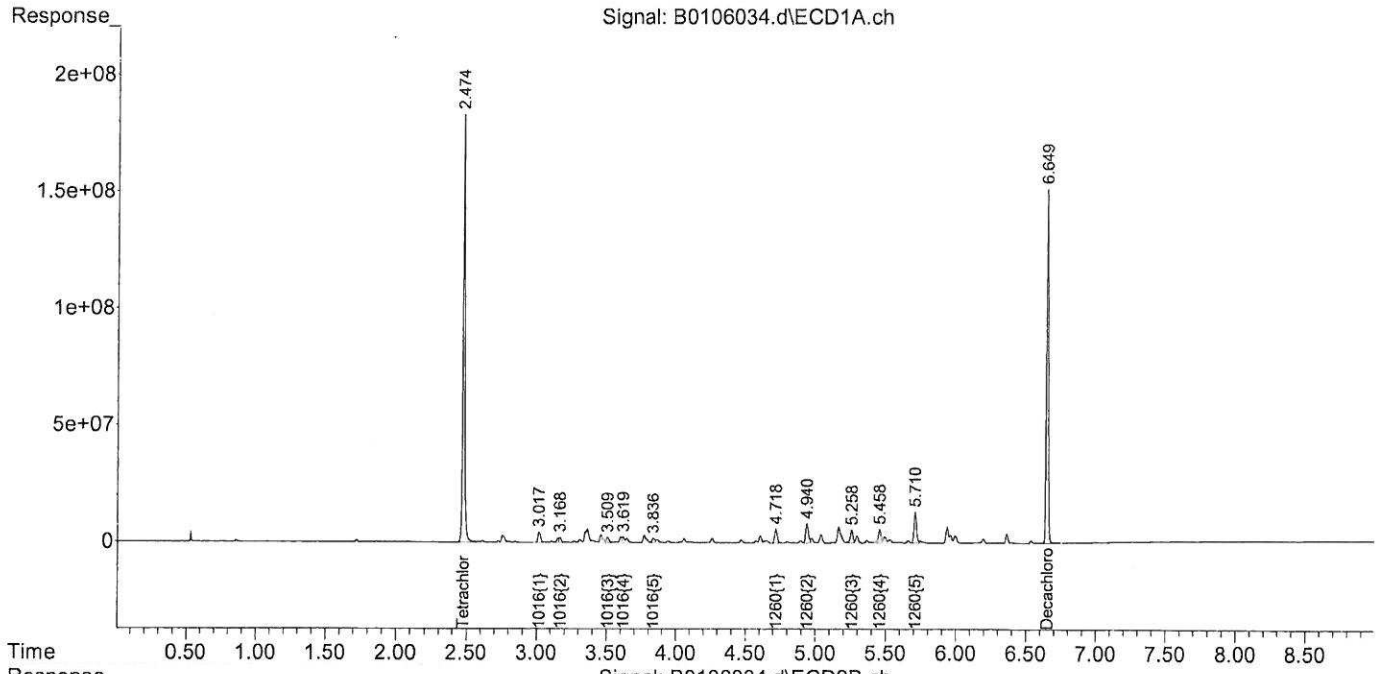
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

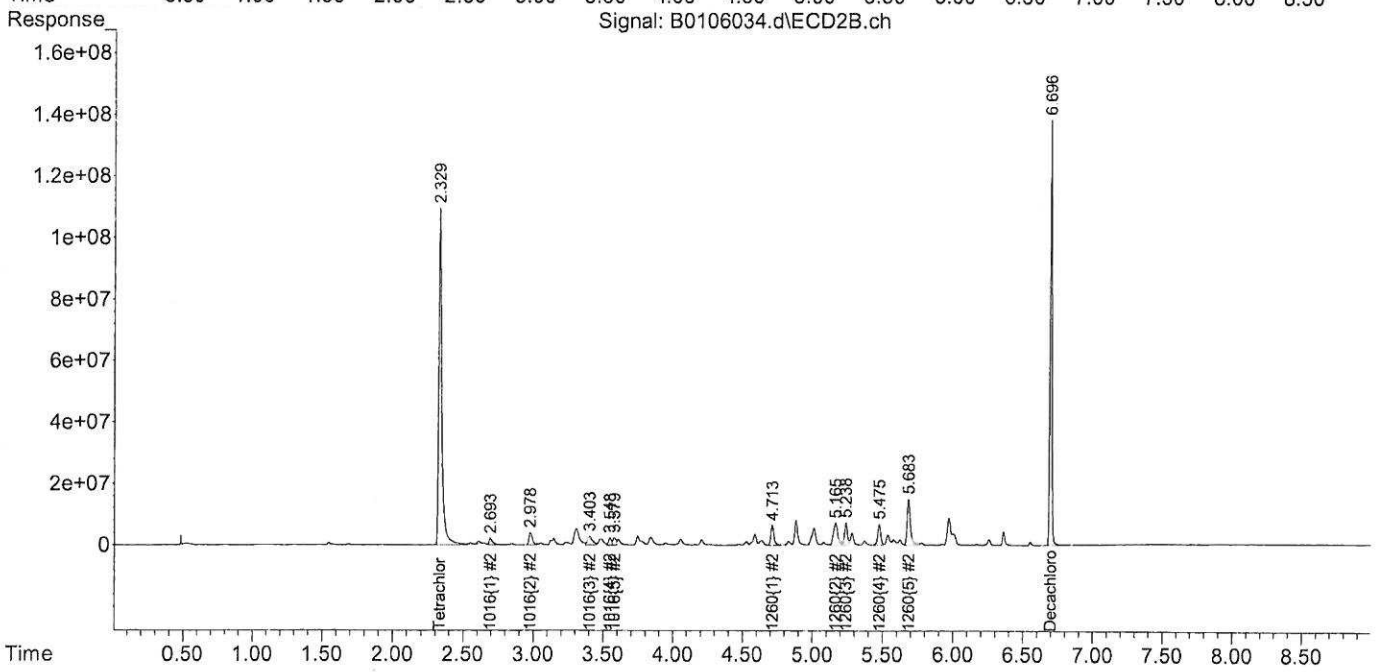
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106034.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 4:54 pm
Operator : JMB
Sample : S001665-CAL5 Inst : ECD 2A
Misc : 1260/1016 100
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:46 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:46 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106035.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:07 pm
Operator : JMB
Sample : S001665-CAL6 Inst : ECD 2A
Misc : 1260/1016 200
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.329	3410.9E6	3364.5E6	63.020	61.338
Spiked Amount 200.000	Range 60 - 300		Recovery =		31.51%#	30.67%#
2) S Decachlor...	6.651	6.697	2856.6E6	2516.0E6	61.392	60.622
Spiked Amount 200.000	Range 60 - 300		Recovery =		30.70%#	30.31%#
Target Compounds						
3) L1 1016{1}	3.018	2.693	113.0E6	84211173	49.021	50.250
4) L1 1016{2}	3.169	2.978	47409491	133.4E6	48.031	47.580
5) L1 1016{3}	3.510	3.403	62100588	128.1E6	49.142	46.959
6) L1 1016{4}	3.620	3.548	52898535	63181674	48.163	47.672
7) L1 1016{5}	3.837	3.579	52065076	68858583	48.589	47.709
Sum 1016			327.5E6	477.7E6	242.947	240.170
Average 1016					48.589	48.034
8) L7 1260{1}	4.719	4.713	148.6E6	194.9E6	47.450	47.421
9) L7 1260{2}	4.941	5.165	226.2E6	315.0E6	48.719	47.713
10) L7 1260{3}	5.258	5.238	149.3E6	206.1E6	48.378	47.902
11) L7 1260{4}	5.458	5.475	151.4E6	202.9E6	49.178	48.115
12) L7 1260{5}	5.710	5.683	346.5E6	486.5E6	49.114	50.026
Sum 1260			1021.9E6	1405.3E6	242.840	241.177
Average 1260					48.568	48.235

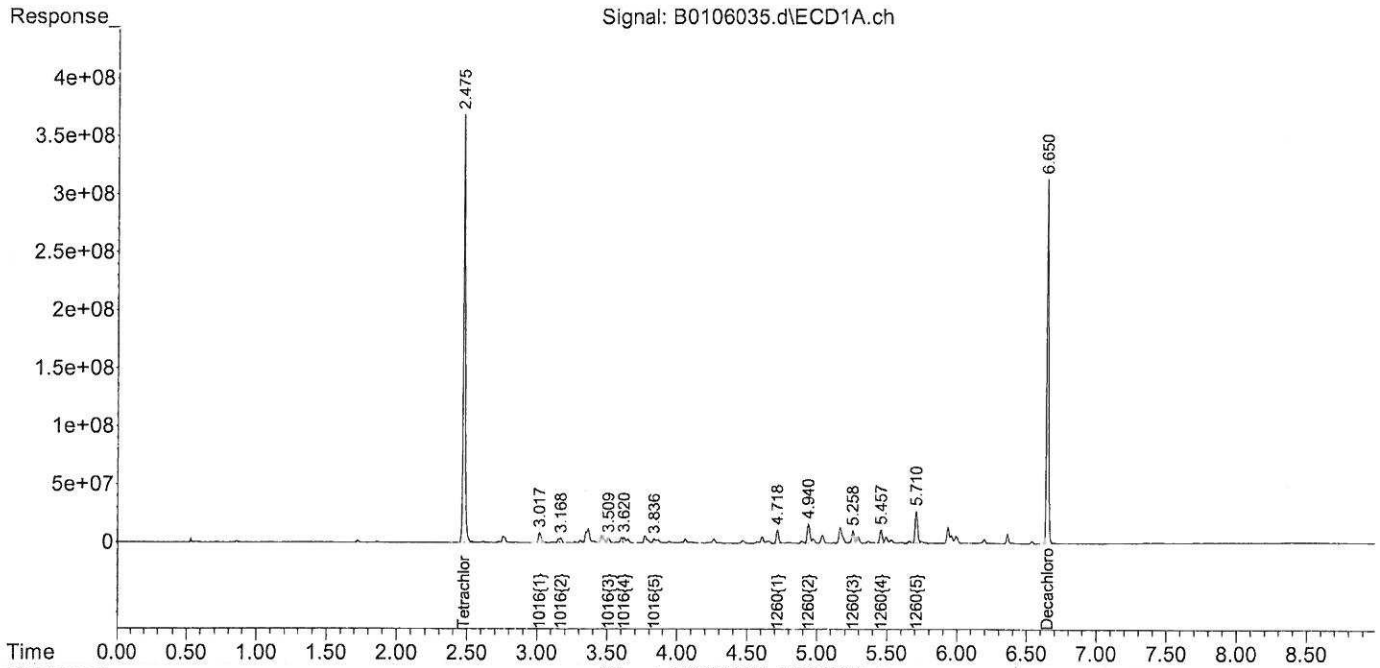
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

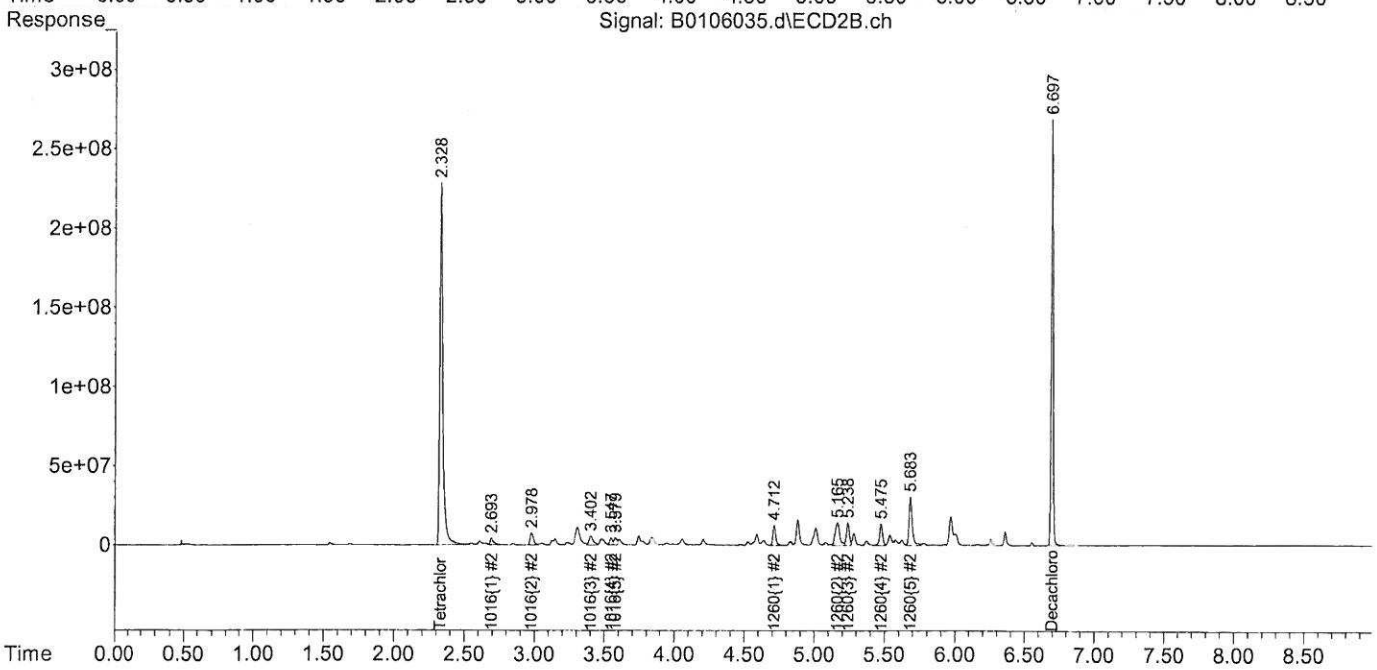
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106035.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:07 pm
Operator : JMB
Sample : S001665-CAL6 Inst : ECD 2A
Misc : 1260/1016 200
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106036.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:20 pm
Operator : JMB
Sample : S001665-CAL7 Inst : ECD 2A
Misc : 1260/1016 250
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.475	2.329	4239.9E6	4133.2E6	96.582	90.679
Spiked Amount	200.000	Range 60 - 300	Recovery =		48.29%#	45.34%#
2) S Decachlor...	6.651	6.697	3679.7E6	3140.1E6	98.098	91.273
Spiked Amount	200.000	Range 60 - 300	Recovery =		49.05%#	45.64%#
Target Compounds						
3) L1 1016{1}	3.017	2.693	138.2E6	101.7E6	66.594	67.936
4) L1 1016{2}	3.168	2.978	57670484	162.9E6	63.803	63.251
5) L1 1016{3}	3.510	3.402	76744148	156.2E6	68.029	61.747
6) L1 1016{4}	3.620	3.547	64513378	77193104	64.363	63.478
7) L1 1016{5}	3.837	3.579	64073964	84521151	66.291	64.043
Sum 1016			401.2E6	582.5E6	329.079	320.455
Average 1016					65.816	64.091
8) L7 1260{1}	4.719	4.713	183.8E6	240.7E6	64.271	64.044
9) L7 1260{2}	4.941	5.165	282.2E6	391.4E6	68.163	65.351
10) L7 1260{3}	5.258	5.239	185.5E6	255.2E6	66.859	65.398
11) L7 1260{4}	5.458	5.475	189.1E6	251.7E6	69.367	66.105
12) L7 1260{5}	5.711	5.683	436.1E6	588.6E6	70.100	67.645
Sum 1260			1276.7E6	1727.5E6	338.760	328.542
Average 1260					67.752	65.708

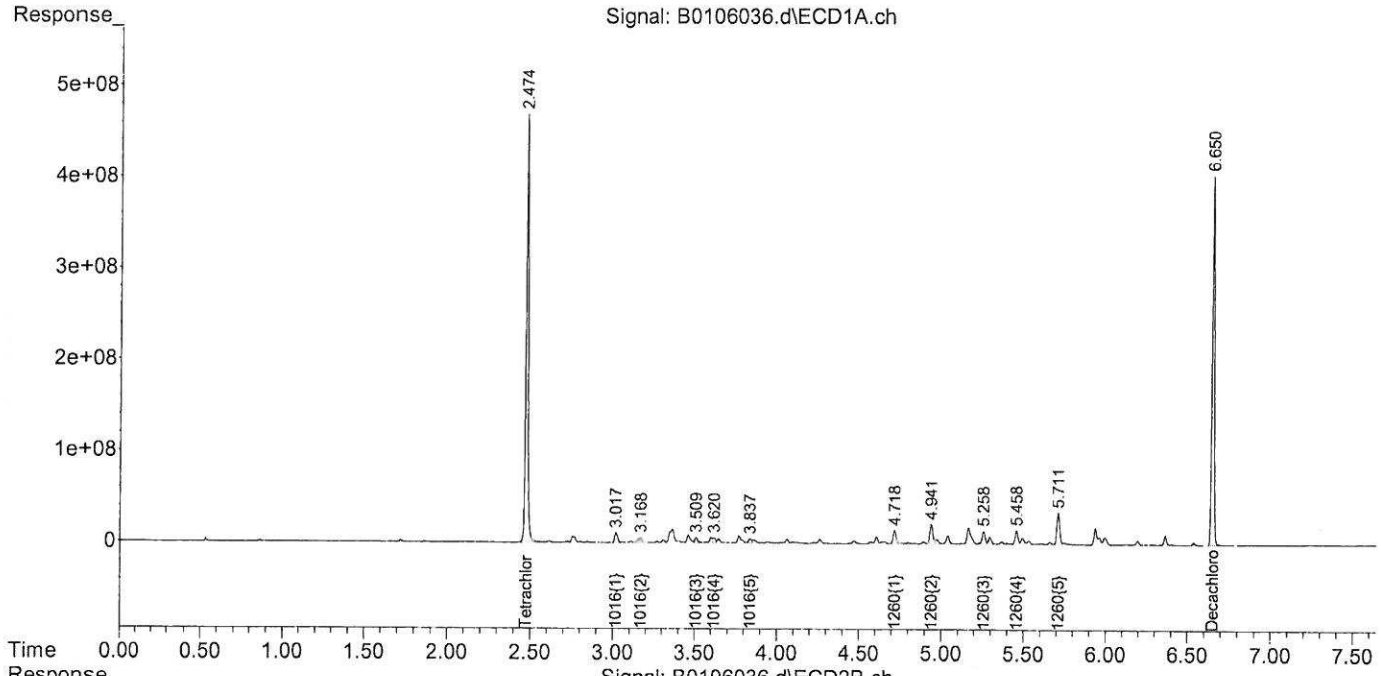
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

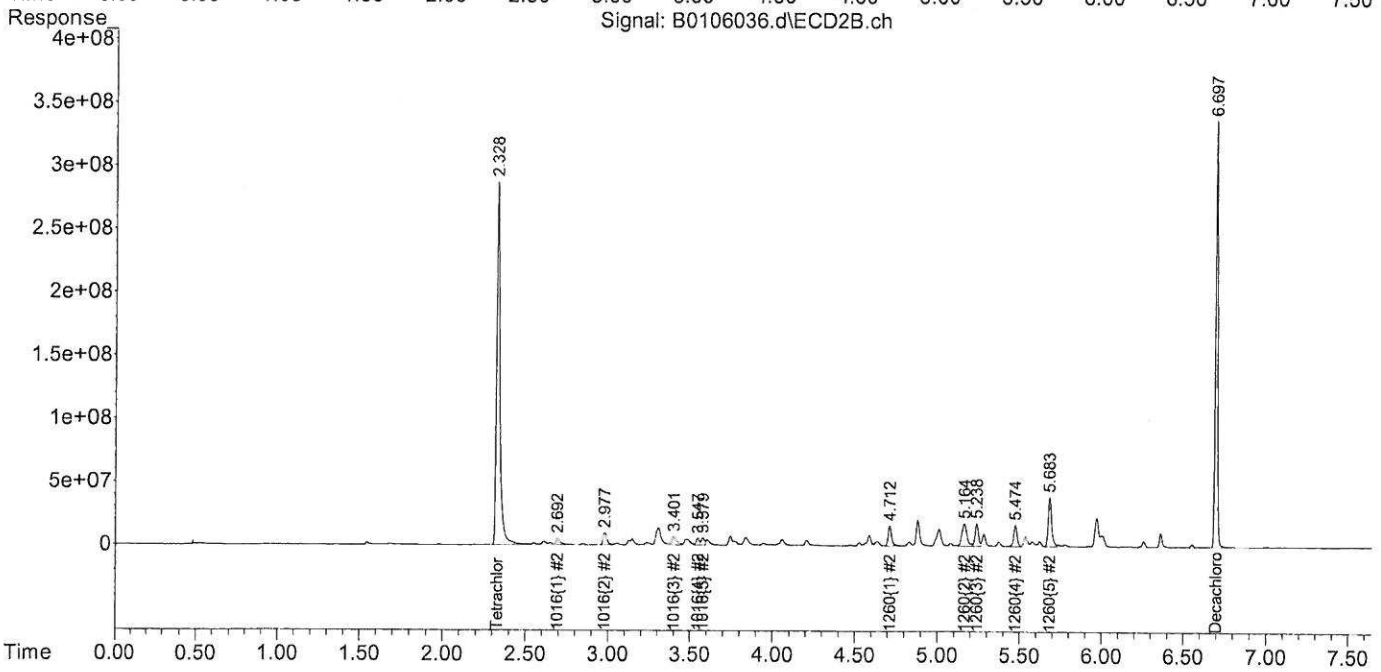
Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106036.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:20 pm
Operator : JMB
Sample : S001665-CAL7 Inst : ECD 2A
Misc : 1260/1016 250
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:34:47 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:44 pm
Operator : JMB
Sample : S001665-ICV1 Inst : ECD 2A
Misc : ICV STD 60/16
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:51:31 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.476	2.329	1924.9E6	2019.0E6	117.497	118.713
Spiked Amount 200.000	Range 60 - 300		Recovery =		58.75%#	59.36%#
2) S Decachlor...	6.651	6.697	1614.6E6	1410.4E6	113.336	108.908
Spiked Amount 200.000	Range 60 - 300		Recovery =		56.67%#	54.45%#
Target Compounds						
3) L1 1016{1}	3.019	2.693	66012241	45480488	107.575	114.664
4) L1 1016{2}	3.169	2.980	29284842	79837285	111.680	108.995
5) L1 1016{3}	3.510	3.402	35149566	73592438	111.696	103.231
6) L1 1016{4}	3.620	3.548	30639787	36511802	106.483	105.899
7) L1 1016{5}	3.837	3.579	28458800	40106166	103.970	106.277
Sum 1016			189.5E6	275.5E6	541.404	539.066
Average 1016					108.281	107.813
8) L7 1260{1}	4.719	4.713	86339939	112.4E6	102.256	103.873
9) L7 1260{2}	4.941	5.165	129.4E6	180.6E6	107.293	103.590
10) L7 1260{3}	5.258	5.239	86278920	120.4E6	106.872	106.634
11) L7 1260{4}	5.458	5.475	85737535	116.7E6	108.097	106.950
12) L7 1260{5}	5.711	5.684	196.1E6	278.2E6	109.441	112.771
Sum 1260			583.9E6	808.3E6	533.959	533.819
Average 1260					106.792	106.764

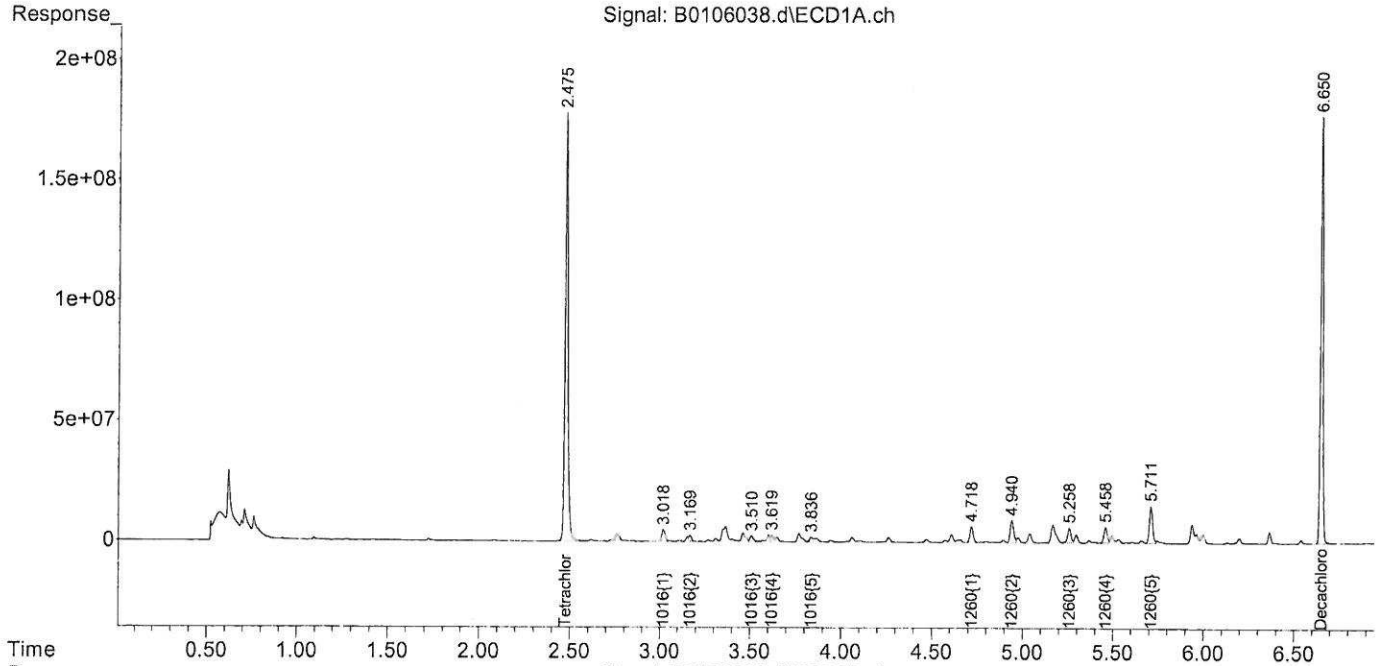
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

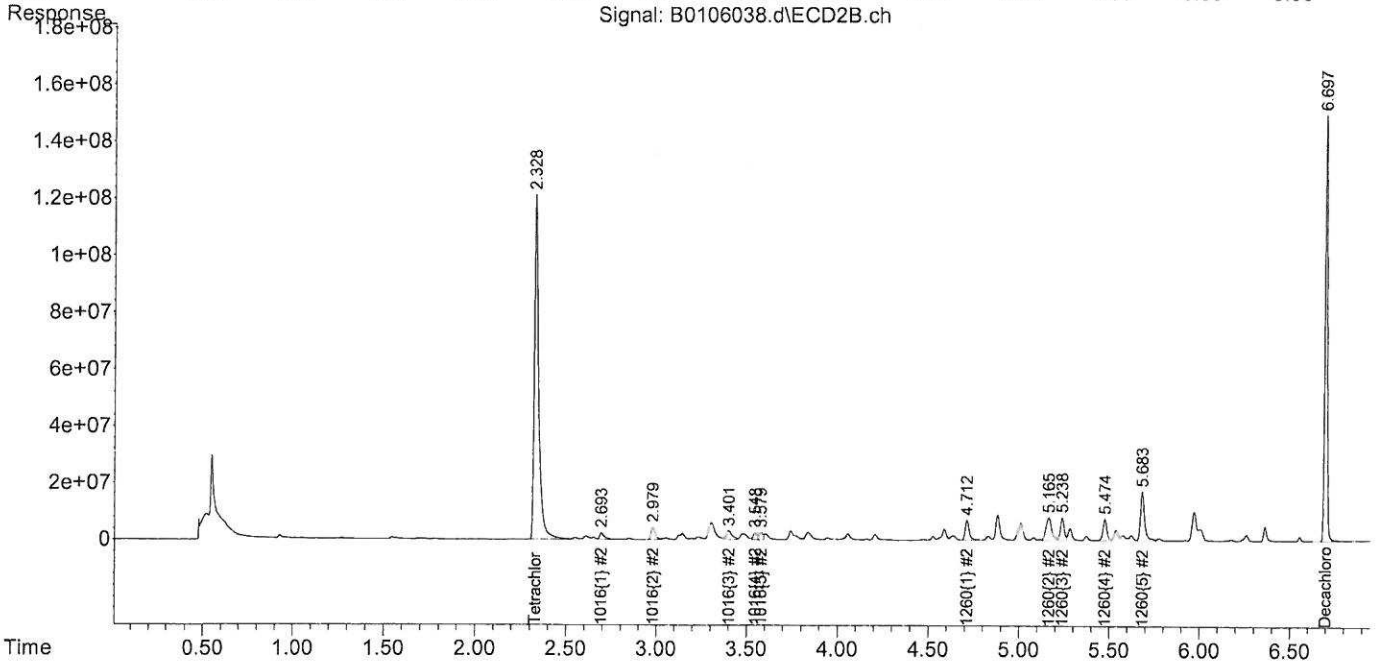
Quantitation Report ' (Not Reviewed)

Data Path : C:\Documents and Settings\ECD2A\Desktop\Curves\010612\
Data File : B0106038.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 6 Jan 2012 5:44 pm
Operator : JMB
Sample : S001665-ICV1 Inst : ECD 2A
Misc : ICV STD 60/16
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Jan 06 17:51:31 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-010612C.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131043.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV1	Injection Time:	08:48

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	100	99.1					15
Aroclor-1016 [2C]	A	100	93.7					15
Aroclor-1260	A	100	99.9					15
Aroclor-1260 [2C]	A	100	91.6					15
Decachlorobiphenyl	A	100	103	1.424623E+07	1.4714E+07		3.3	
Decachlorobiphenyl [2C]	A	100	89.8	1.295105E+07	1.163E+07		-10.2	
Tetrachloro-m-xylene	A	100	107	1.638212E+07	1.756E+07		7.2	
Tetrachloro-m-xylene [2C]	A	100	98.0	1.700689E+07	1.6674E+07		-2.0	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:48 am
Operator : JMB
Sample : S001765-CCV1 Inst : ECD 2A
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:48:59 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	1756.0E6	1667.4E6	107.192	98.040
Spiked Amount	200.000	Range 60 - 300	Recovery =		53.60%#	49.02%#
2) S Decachlor...	6.619	6.660	1471.4E6	1163.0E6	103.283	89.805
Spiked Amount	200.000	Range 60 - 300	Recovery =		51.64%#	44.90%#
Target Compounds						
3) L1 1016{1}	3.001	2.671	62848206	39471055	102.419	99.514
4) L1 1016{2}	3.151	2.952	25634767	66503433	97.760	90.791
5) L1 1016{3}	3.487	3.366	32821448	64507774	104.298	90.488
6) L1 1016{4}	3.597	3.513	27987576	32599125	97.266	94.550
7) L1 1016{5}	3.809	3.543	25599151	35078868	93.523	92.955
Sum 1016			174.9E6	238.2E6	495.265	468.298
Average 1016					99.053	93.660
8) L7 1260{1}	4.683	4.664	80873597	99492931	95.782	91.955
9) L7 1260{2}	4.903	5.112	122.2E6	156.4E6	101.317	89.726
10) L7 1260{3}	5.219	5.187	79510824	102.2E6	98.488	90.522
11) L7 1260{4}	5.417	5.422	81931164	101.3E6	103.298	92.785
12) L7 1260{5}	5.670	5.630	180.0E6	229.2E6	100.410	92.891
Sum 1260			544.5E6	688.6E6	499.296	457.880
Average 1260					99.859	91.576

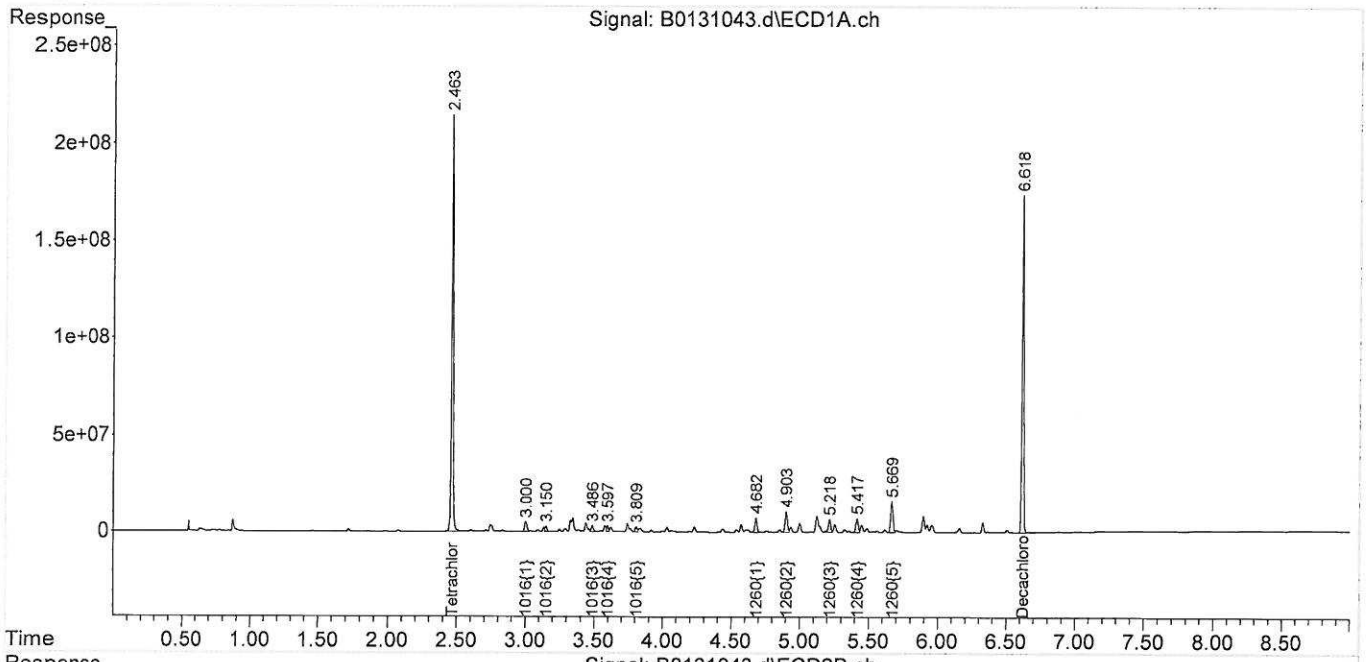
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

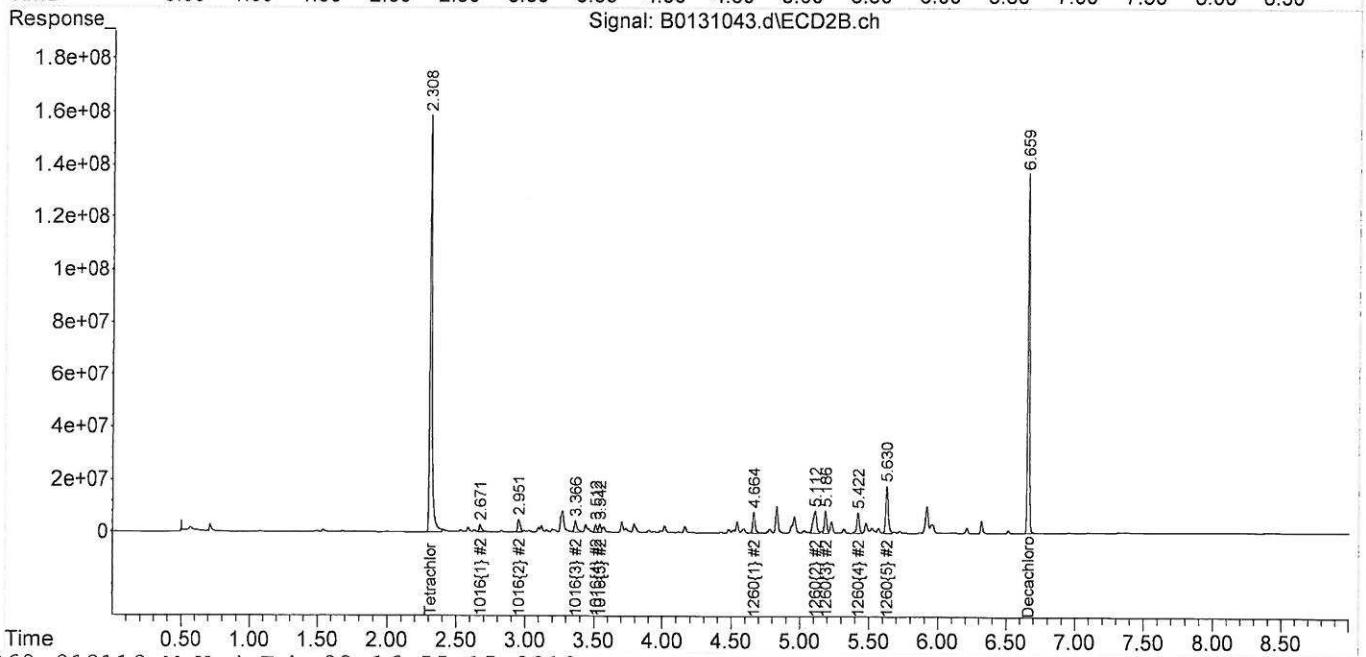
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131043.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 8:48 am
Operator : JMB
Sample : S001765-CCV1 Inst : ECD 2A
Misc :
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:48:59 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131055.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV2	Injection Time:	12:57

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	50.0	51.0					15
Aroclor-1016 [2C]	A	50.0	50.5					15
Aroclor-1260	A	50.0	49.1					15
Aroclor-1260 [2C]	A	50.0	46.4					15
Decachlorobiphenyl	A	50.0	45.3	1.424623E+07	1.2894E+07		-9.5	
Decachlorobiphenyl [2C]	A	50.0	42.1	1.295105E+07	1.0902E+07		-15.8	
Tetrachloro-m-xylene	A	50.0	52.5	1.638212E+07	1.7216E+07		5.1	
Tetrachloro-m-xylene [2C]	A	50.0	49.7	1.700689E+07	1.6894E+07		-0.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131055.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:57 pm
Operator : JMB
Sample : S001765-CCV2 Inst : ECD 2A
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:34 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.309	860.8E6	844.7E6	52.544	49.670
Spiked Amount	200.000	Range 60 - 300	Recovery =		26.27%#	24.84%#
2) S Decachlor...	6.618	6.660	644.7E6	545.1E6	45.253	42.093
Spiked Amount	200.000	Range 60 - 300	Recovery =		22.63%#	21.05%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	32304411	20430306	52.644	51.508
4) L1 1016{2}	3.151	2.952	12793383	36248449	48.788	49.487
5) L1 1016{3}	3.487	3.366	16461012	34351501	52.309	48.186
6) L1 1016{4}	3.597	3.513	14900472	18191708	51.784	52.763
7) L1 1016{5}	3.809	3.543	13559156	19083285	49.537	50.569
Sum 1016			90018434	128.3E6	255.062	252.513
Average 1016					51.012	50.503
8) L7 1260{1}	4.683	4.665	41491202	51226920	49.140	47.346
9) L7 1260{2}	4.903	5.112	61659898	78905339	51.114	45.257
10) L7 1260{3}	5.218	5.187	37596331	51332371	46.570	45.460
11) L7 1260{4}	5.417	5.422	40679332	52607728	51.288	48.201
12) L7 1260{5}	5.669	5.630	84603101	112.2E6	47.206	45.497
Sum 1260			266.0E6	346.3E6	245.319	231.761
Average 1260					49.064	46.352

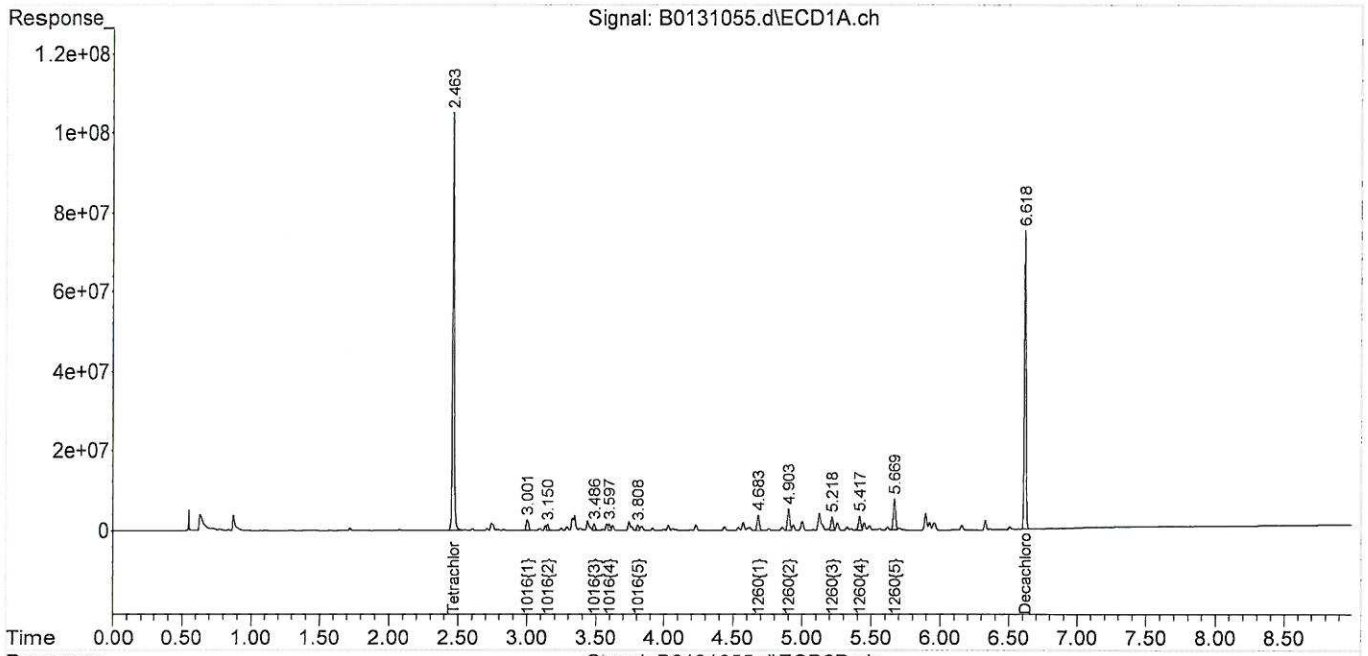
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

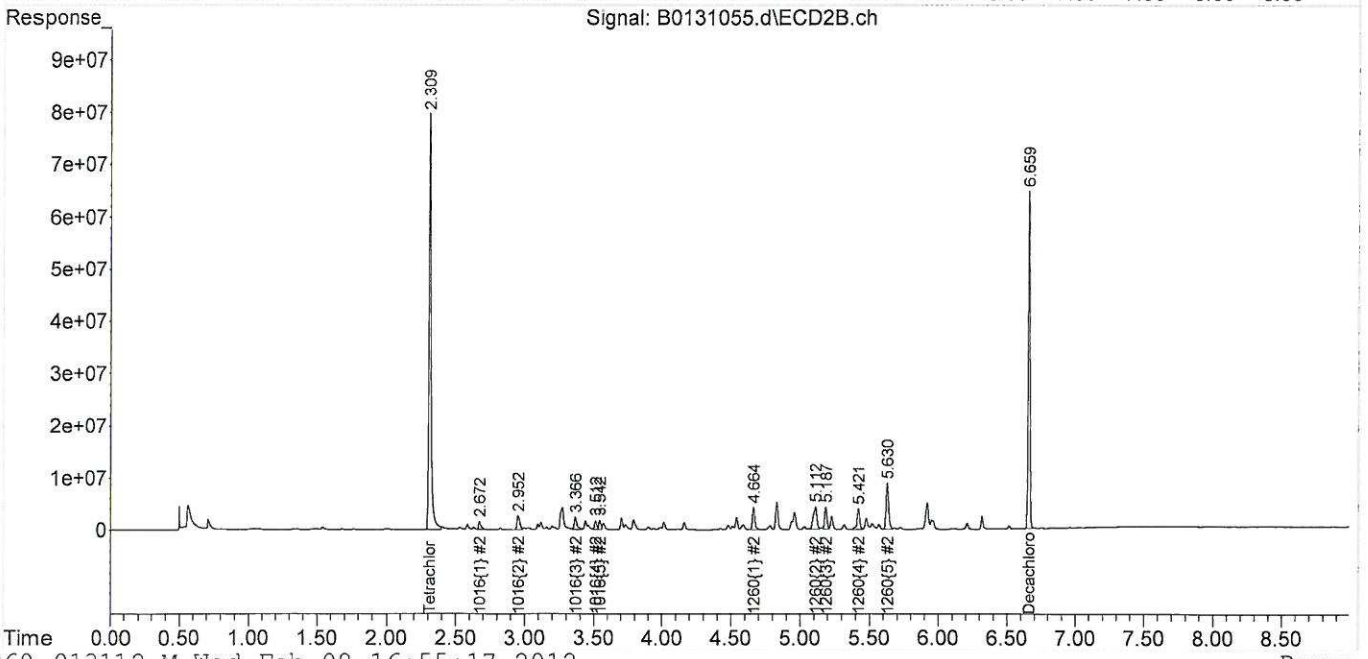
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131055.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 12:57 pm
Operator : JMB
Sample : S001765-CCV2 Inst : ECD 2A
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:34 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8082A

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ECD 2A	Calibration:	1200005
Lab File ID:	B0131069.d	Calibration Date:	01/06/12 00:00
Sequence:	S001765	Injection Date:	02/01/12
Lab Sample ID:	S001765-CCV3	Injection Time:	15:56

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Aroclor-1016	A	100	96.2					15
Aroclor-1016 [2C]	A	100	94.3					15
Aroclor-1260	A	100	98.3					15
Aroclor-1260 [2C]	A	100	90.7					15
Decachlorobiphenyl	A	100	97.6	1.424623E+07	1.3903E+07		-2.4	
Decachlorobiphenyl [2C]	A	100	86.7	1.295105E+07	1.1231E+07		-13.3	
Tetrachloro-m-xylene	A	100	107	1.638212E+07	1.7519E+07		6.9	
Tetrachloro-m-xylene [2C]	A	100	98.3	1.700689E+07	1.6711E+07		-1.7	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131069.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 3:56 pm
Operator : JMB
Sample : S001765-CCV3 Inst : ECD 2A
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 16:28:23 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.464	2.310	1751.9E6	1671.1E6	106.941	98.258
Spiked Amount	200.000	Range 60 - 300		Recovery =	53.47%#	49.13%#
2) S Decachlor...	6.619	6.660	1390.3E6	1123.1E6	97.594	86.724
Spiked Amount	200.000	Range 60 - 300		Recovery =	48.80%#	43.36%#
Target Compounds						
3) L1 1016{1}	3.002	2.673	59775476	39619322	97.411	99.887
4) L1 1016{2}	3.151	2.953	24236084	67601686	92.426	92.291
5) L1 1016{3}	3.487	3.367	31793458	64212979	101.031	90.074
6) L1 1016{4}	3.597	3.514	27737026	32987142	96.395	95.676
7) L1 1016{5}	3.810	3.543	25703460	35277591	93.904	93.482
Sum 1016			169.2E6	239.7E6	481.168	471.410
Average 1016					96.234	94.282
8) L7 1260{1}	4.684	4.665	79691784	98336406	94.383	90.886
9) L7 1260{2}	4.904	5.113	120.8E6	155.2E6	100.152	89.005
10) L7 1260{3}	5.220	5.188	78031954	100.8E6	96.656	89.301
11) L7 1260{4}	5.418	5.423	80992458	100.8E6	102.115	92.325
12) L7 1260{5}	5.670	5.631	176.3E6	226.4E6	98.387	91.785
Sum 1260			535.9E6	681.6E6	491.693	453.303
Average 1260					98.339	90.661

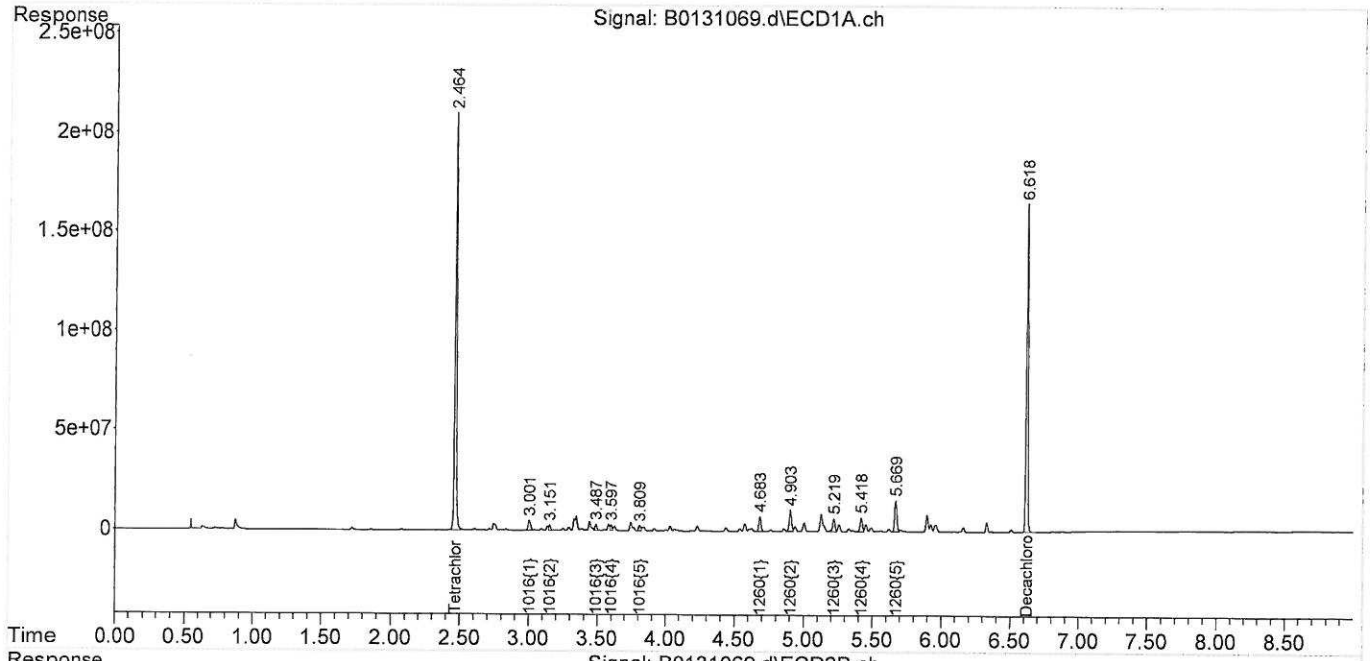
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

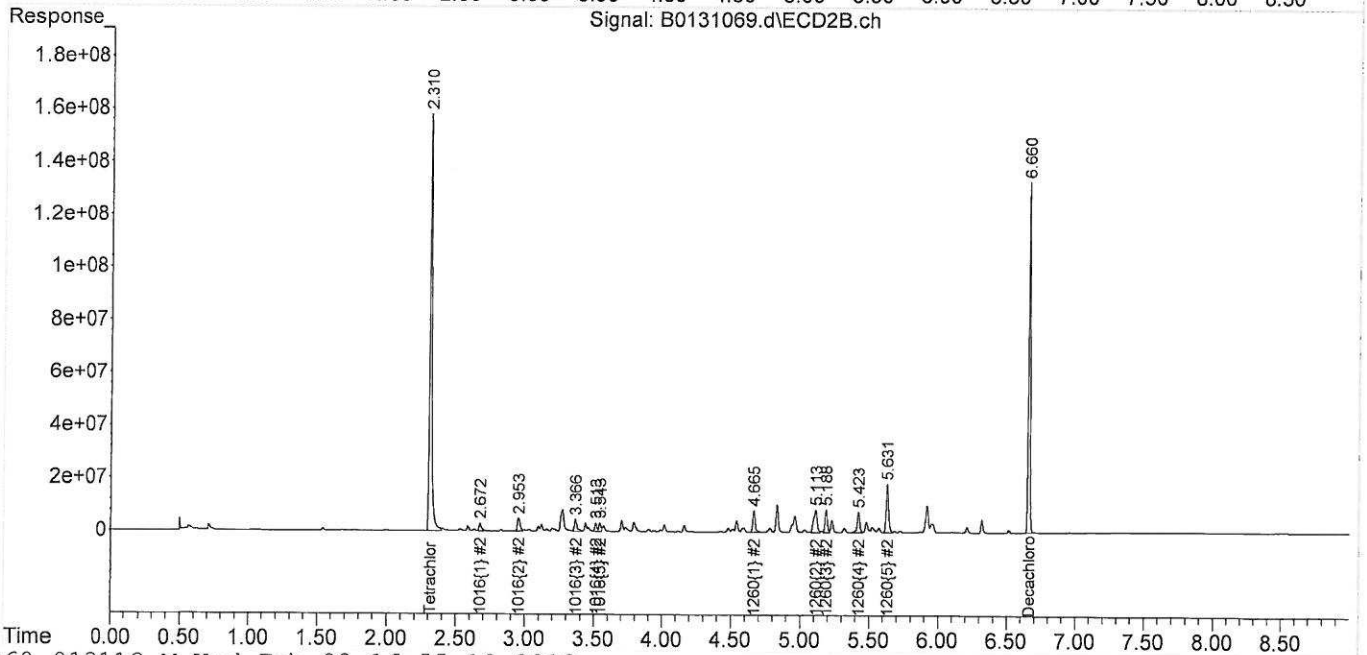
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131069.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 3:56 pm
Operator : JMB
Sample : S001765-CCV3 Inst : ECD 2A
Misc :
ALS Vial : 69 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 16:28:23 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BLK1	File ID:	B0131045.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 10:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016		0.020	0.10	R-05
11104-28-2	Aroclor-1221		0.040	0.10	
11141-16-5	Aroclor-1232		0.045	0.10	
53469-21-9	Aroclor-1242		0.035	0.10	
12672-29-6	Aroclor-1248		0.040	0.10	
11097-69-1	Aroclor-1254		0.035	0.10	
11096-82-5	Aroclor-1260		0.035	0.10	R-05
37324-23-5	Aroclor-1262		0.040	0.10	
11100-14-4	Aroclor-1268		0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	651.0E6	669.4E6	39.736	39.362
Spiked Amount	200.000	Range 60 - 300		Recovery =	19.87%#	19.68%#
2) S Decachlor...	6.619	6.660	573.4E6	473.9E6	40.247	36.590
Spiked Amount	200.000	Range 60 - 300		Recovery =	20.12%#	18.30%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1740738	N.D.	4.389 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1740738	N.D.	4.389
Average 1016					0.000	4.389
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

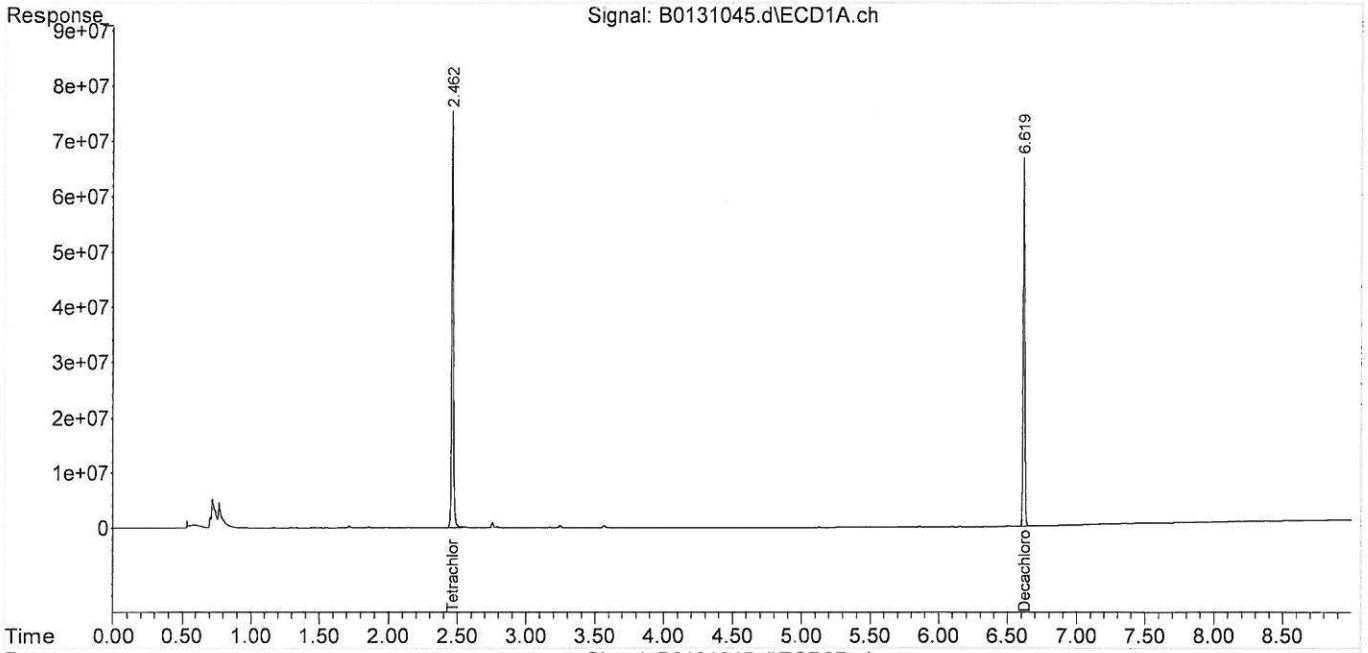
CHECKED BY:
MARISSA CAGAN
FEB 0 2 2012

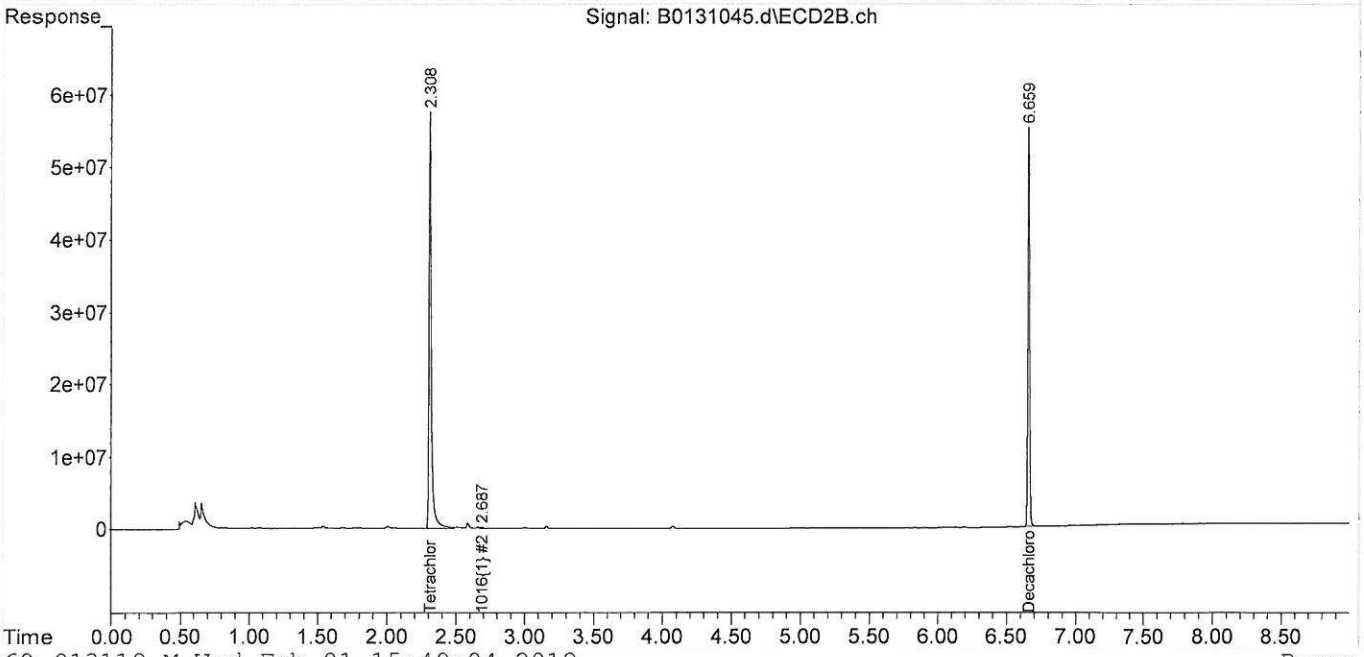
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BLK1	File ID:	B0131045.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 10:49
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]		0.020	0.10	R-05
11104-28-2	Aroclor-1221 [2C]		0.040	0.10	
11141-16-5	Aroclor-1232 [2C]		0.045	0.10	
53469-21-9	Aroclor-1242 [2C]		0.035	0.10	
12672-29-6	Aroclor-1248 [2C]		0.040	0.10	
11097-69-1	Aroclor-1254 [2C]		0.035	0.10	
11096-82-5	Aroclor-1260 [2C]		0.035	0.10	
37324-23-5	Aroclor-1262 [2C]		0.040	0.10	
11100-14-4	Aroclor-1268 [2C]		0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	651.0E6	669.4E6	39.736	39.362
Spiked Amount	200.000	Range 60 - 300		Recovery =	19.87%#	19.68%#
2) S Decachlor...	6.619	6.660	573.4E6	473.9E6	40.247	36.590
Spiked Amount	200.000	Range 60 - 300		Recovery =	20.12%#	18.30%#
Target Compounds						
3) L1 1016{1}	0.000	2.687	0	1740738	N.D.	4.389 #
4) L1 1016{2}	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016{3}	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016{4}	0.000	0.000	0	0	N.D.	N.D.
7) L1 1016{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1016			0	1740738	N.D.	4.389
Average 1016					0.000	4.389
8) L7 1260{1}	0.000	0.000	0	0	N.D.	N.D.
9) L7 1260{2}	0.000	0.000	0	0	N.D.	N.D.
10) L7 1260{3}	0.000	0.000	0	0	N.D.	N.D.
11) L7 1260{4}	0.000	0.000	0	0	N.D.	N.D.
12) L7 1260{5}	0.000	0.000	0	0	N.D.	N.D.
Sum 1260			0	0	N.D.	N.D.
Average 1260					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

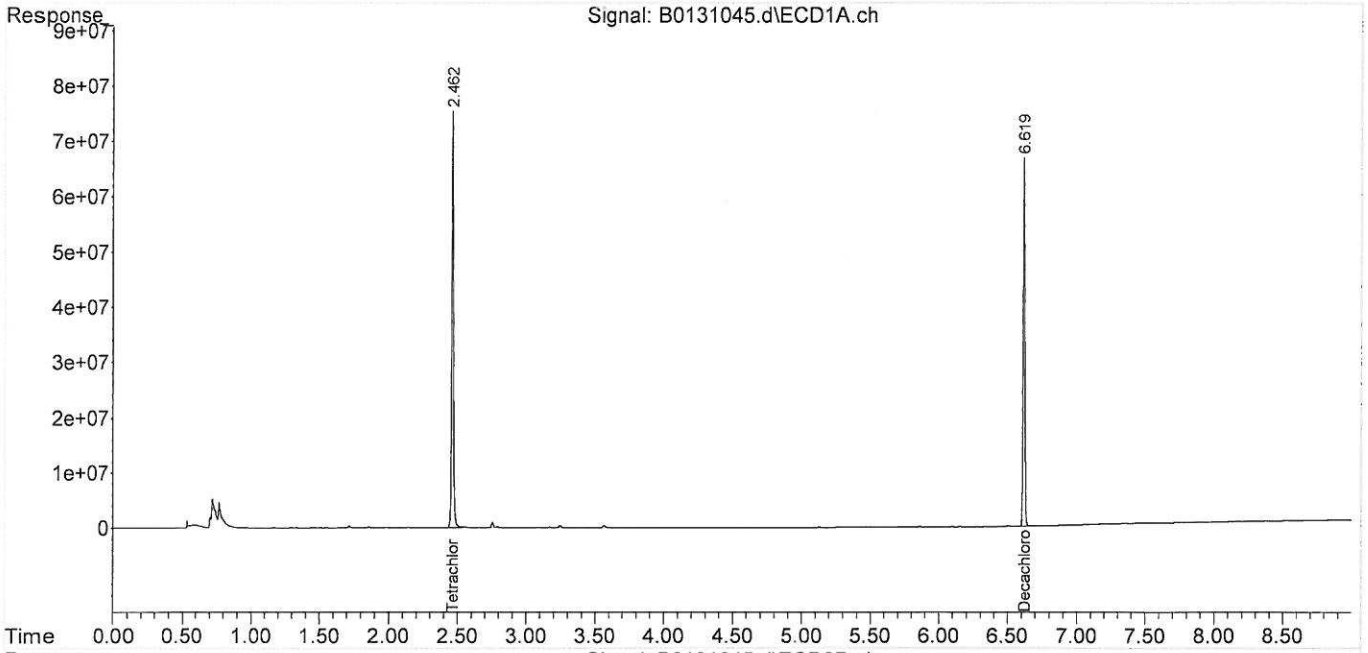
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

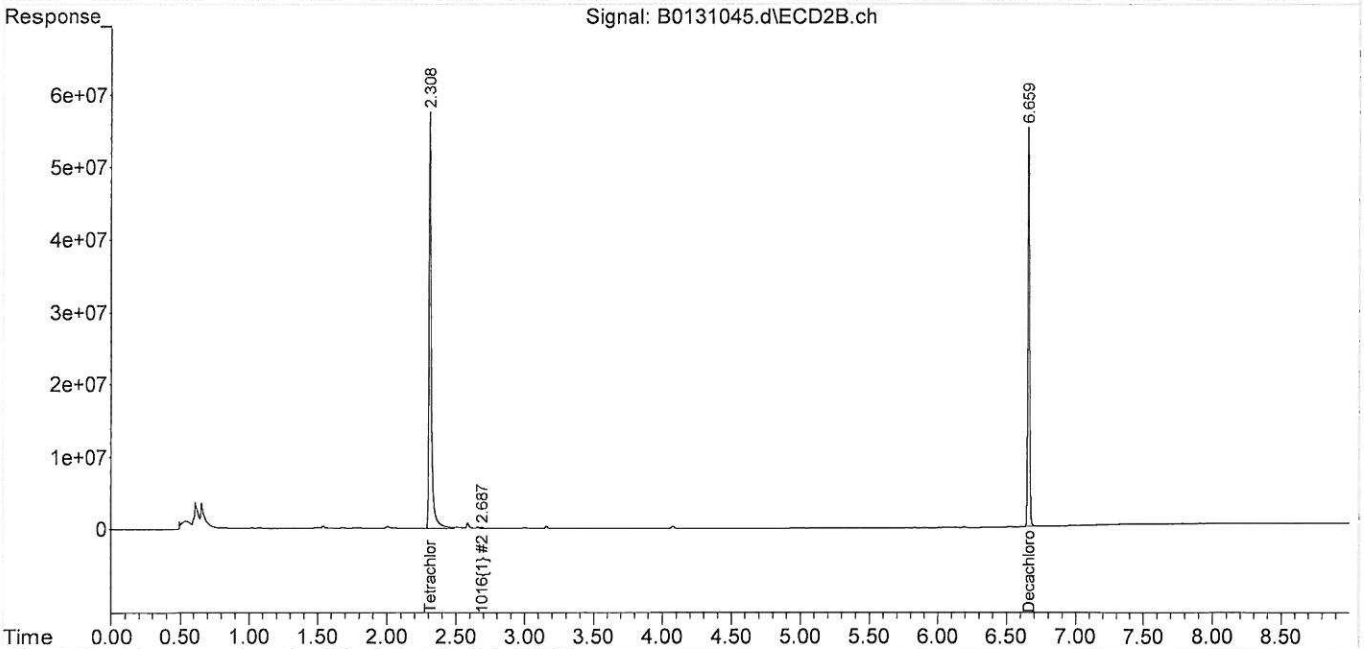
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131045.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 10:49 am
Operator : JMB
Sample : B045275-BLK1@5X Inst : ECD 2A
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:04 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BS1	File ID:	B0131046.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.19	0.020	0.10	R-05
11096-82-5	Aroclor-1260	0.18	0.035	0.10	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	588.1E6	609.1E6	35.899	35.813
Spiked Amount	200.000	Range 60 - 300		Recovery =	17.95%#	17.91%#
2) S Decachlor...	6.618	6.660	516.6E6	422.4E6	36.264	32.613
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.13%#	16.31%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23063364	14796577	37.585	37.305
4) L1 1016{2}	3.151	2.952	9665888	26807588	36.862	36.598
5) L1 1016{3}	3.487	3.367	11964024	25748458	38.018	36.118
6) L1 1016{4}	3.597	3.513	11044889	13604335	38.385	39.458
7) L1 1016{5}	3.809	3.543	9638207	14449748	35.212	38.290
Sum 1016			65376372	95406706	186.061	187.770
Average 1016					37.212	37.554
8) L7 1260{1}	4.683	4.664	30428840	38648454	36.038	35.720
9) L7 1260{2}	4.903	5.113	45302611	58740390	37.555	33.692
10) L7 1260{3}	5.219	5.187	28481898	38881831	35.280	34.434
11) L7 1260{4}	5.417	5.422	30772477	38724221	38.798	35.481
12) L7 1260{5}	5.670	5.630	63012896	83927006	35.160	34.020
Sum 1260			198.0E6	258.9E6	182.830	173.346
Average 1260					36.566	34.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

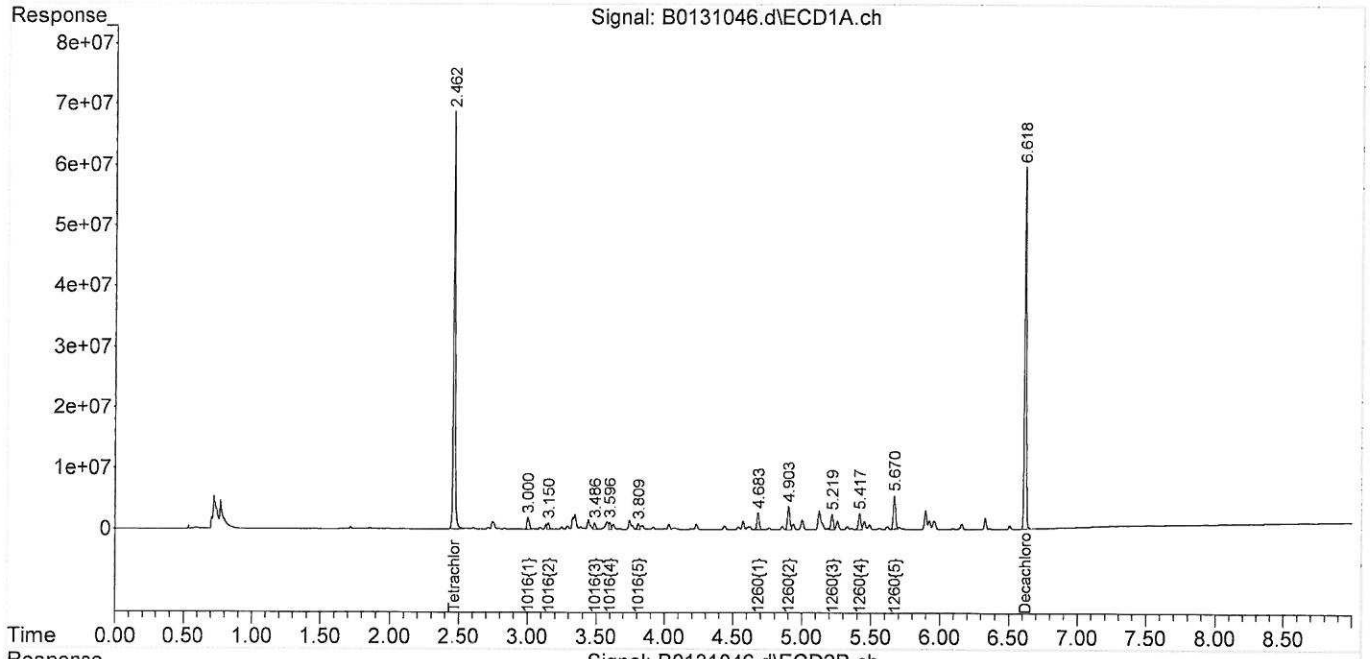
CHECKED BY: MARISSA CAGAN FEB 02 2012

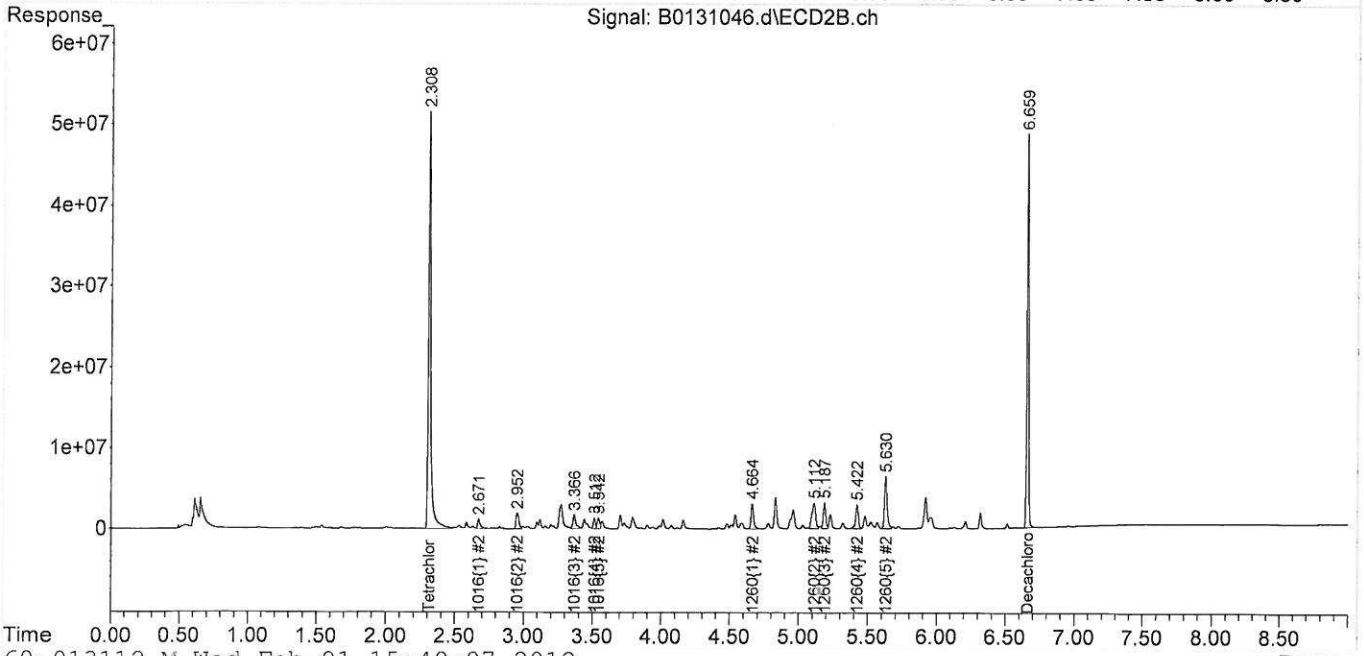
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BS1	File ID:	B0131046.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:02
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.19	0.020	0.10	R-05
11096-82-5	Aroclor-1260 [2C]	0.17	0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.462	2.308	588.1E6	609.1E6	35.899	35.813
Spiked Amount	200.000	Range 60 - 300		Recovery =	17.95%#	17.91%#
2) S Decachlor...	6.618	6.660	516.6E6	422.4E6	36.264	32.613
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.13%#	16.31%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23063364	14796577	37.585	37.305
4) L1 1016{2}	3.151	2.952	9665888	26807588	36.862	36.598
5) L1 1016{3}	3.487	3.367	11964024	25748458	38.018	36.118
6) L1 1016{4}	3.597	3.513	11044889	13604335	38.385	39.458
7) L1 1016{5}	3.809	3.543	9638207	14449748	35.212	38.290
Sum 1016			65376372	95406706	186.061	187.770
Average 1016					37.212	37.554
8) L7 1260{1}	4.683	4.664	30428840	38648454	36.038	35.720
9) L7 1260{2}	4.903	5.113	45302611	58740390	37.555	33.692
10) L7 1260{3}	5.219	5.187	28481898	38881831	35.280	34.434
11) L7 1260{4}	5.417	5.422	30772477	38724221	38.798	35.481
12) L7 1260{5}	5.670	5.630	63012896	83927006	35.160	34.020
Sum 1260			198.0E6	258.9E6	182.830	173.346
Average 1260					36.566	34.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

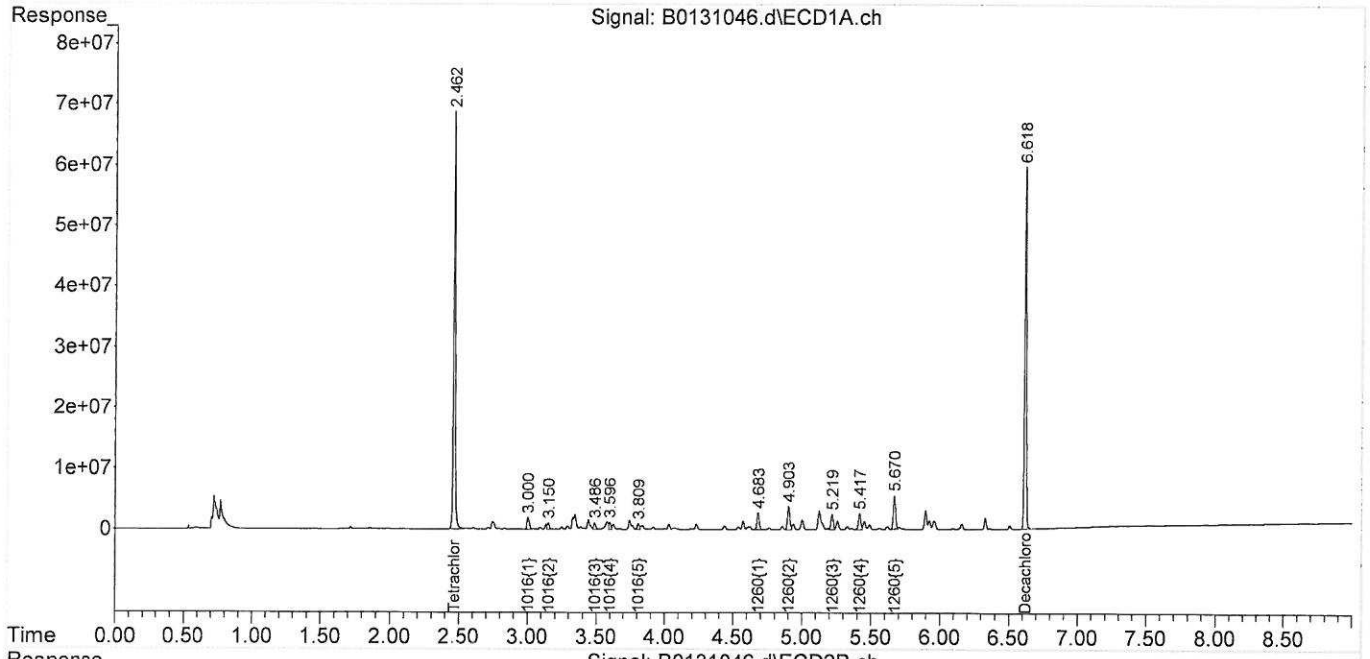
CHECKED BY: MARISSA CAGAN FEB 02 2012

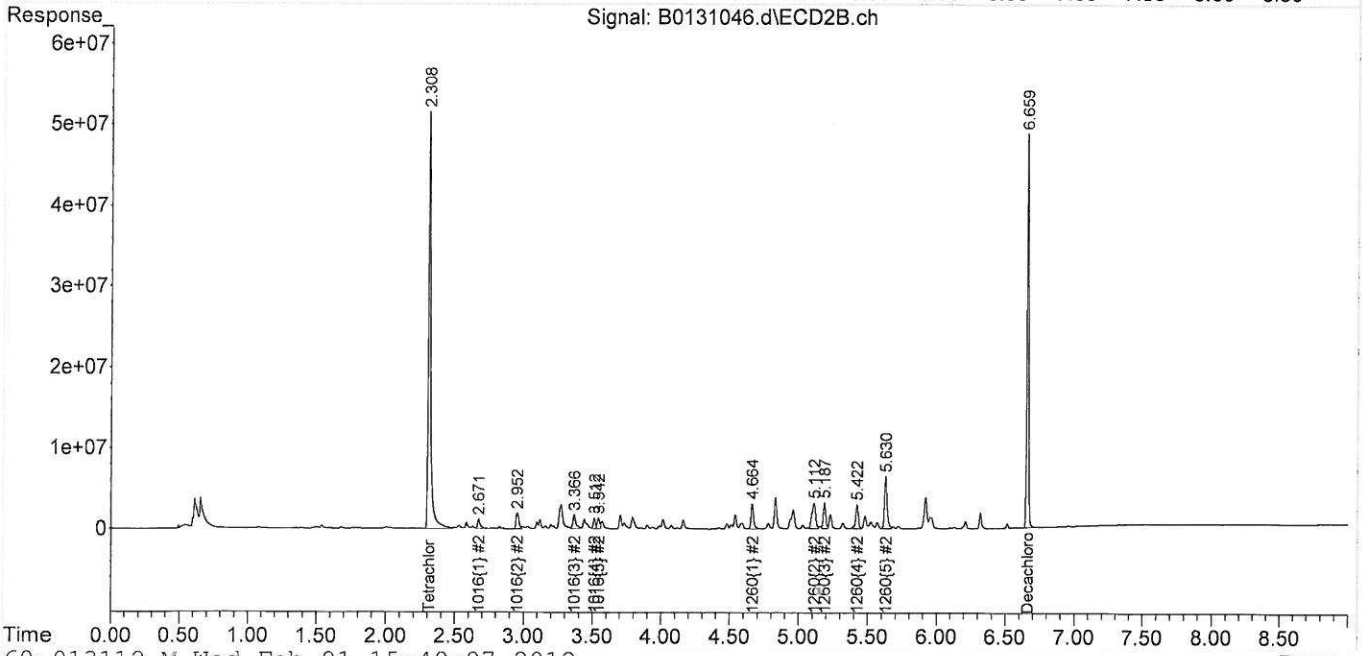
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131046.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:02 am
Operator : JMB
Sample : B045275-BS1@5X Inst : ECD 2A
Misc :
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:07 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BSD1	File ID:	B0131047.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:15
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.26	0.020	0.10	R-05
11096-82-5	Aroclor-1260	0.25	0.035	0.10	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	810.7E6	810.9E6	49.487	47.679
Spiked Amount	200.000	Range 60 - 300		Recovery =	24.74%#	23.84%#
2) S Decachlor...	6.619	6.660	703.5E6	565.8E6	49.385	43.688
Spiked Amount	200.000	Range 60 - 300		Recovery =	24.69%#	21.84%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	31613911	23141662	51.519	58.344
4) L1 1016{2}	3.150	2.953	13101108	36353519	49.962	49.630
5) L1 1016{3}	3.487	3.367	16646986	35011914	52.900	49.113
6) L1 1016{4}	3.597	3.513	15226940	17965193	52.919	52.106
7) L1 1016{5}	3.809	3.543	13507789	19148860	49.349	50.742
Sum 1016			90096734	131.6E6	256.648	259.936
Average 1016					51.330	51.987
8) L7 1260{1}	4.683	4.665	41570056	51535015	49.233	47.631
9) L7 1260{2}	4.904	5.113	61922893	79545180	51.332	45.624
10) L7 1260{3}	5.219	5.188	40791513	52596397	50.527	46.579
11) L7 1260{4}	5.418	5.423	41440608	52044015	52.248	47.685
12) L7 1260{5}	5.670	5.631	86798598	113.7E6	48.431	46.093
Sum 1260			272.5E6	349.4E6	251.773	233.612
Average 1260					50.355	46.722

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

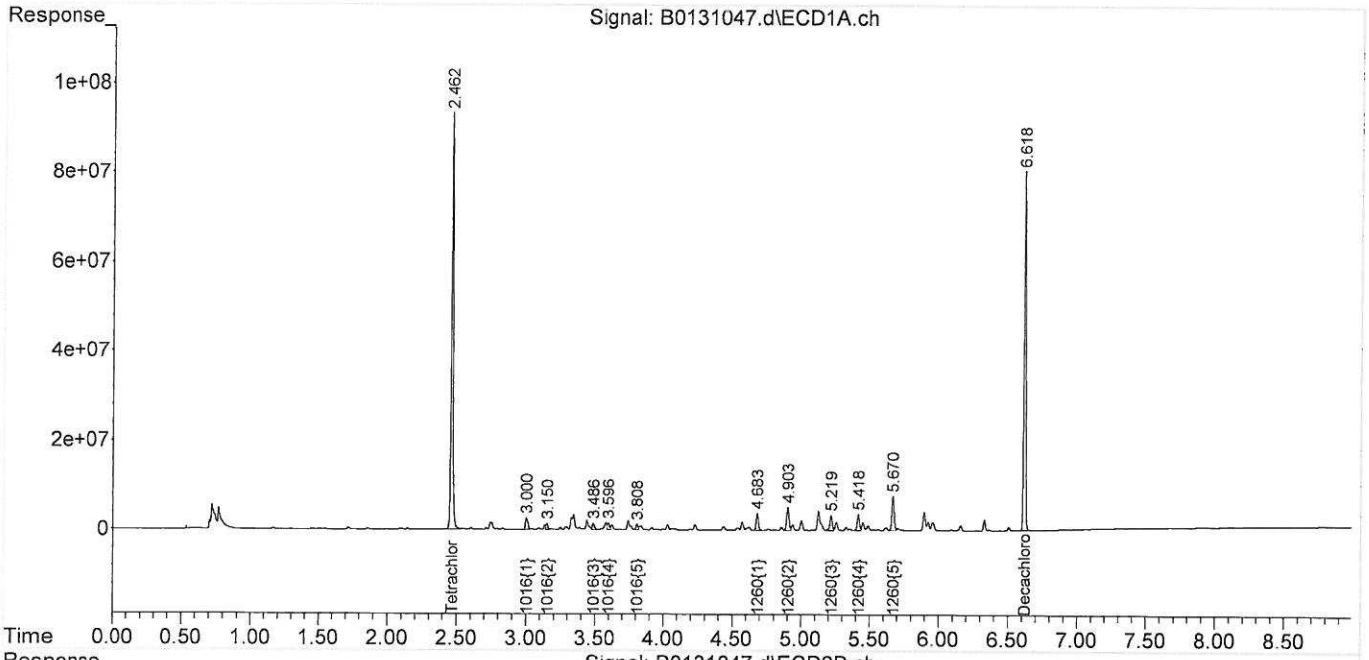
CHECKED BY: MARISSA CAGAN FEB 02 2012

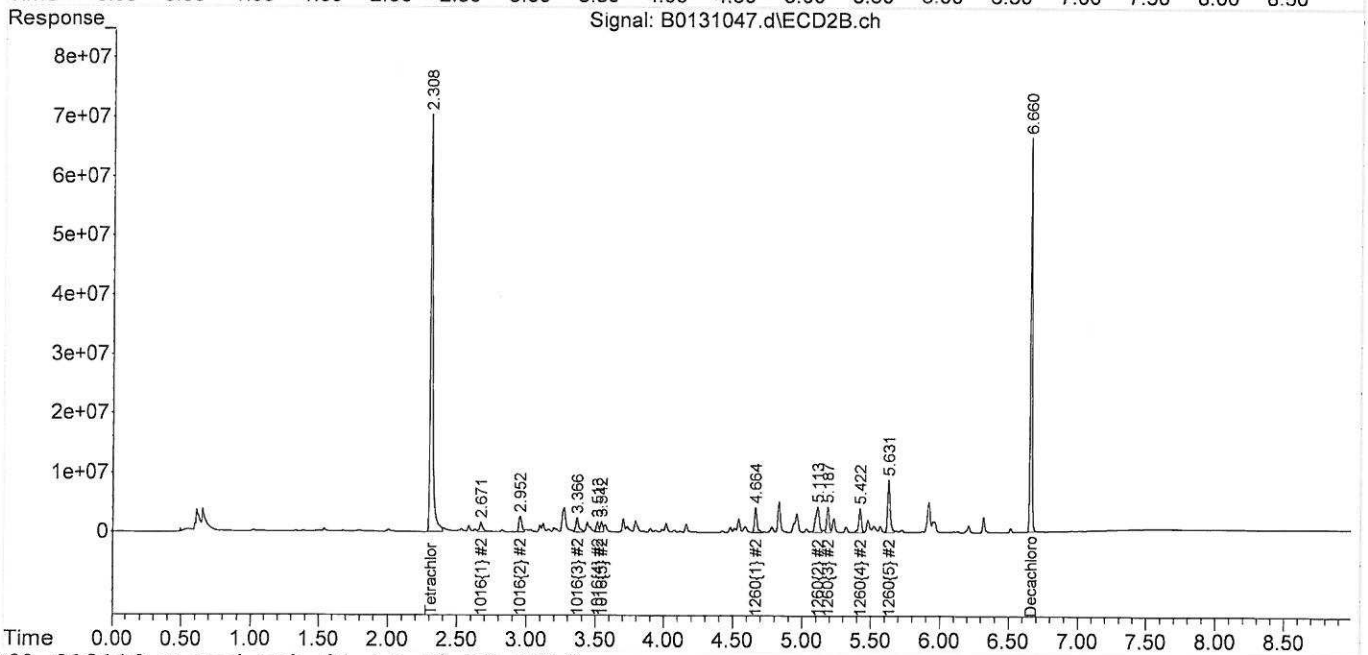
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-BSD1	File ID:	B0131047.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 11:15
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.26	0.020	0.10	R-05
11096-82-5	Aroclor-1260 [2C]	0.23	0.035	0.10	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	810.7E6	810.9E6	49.487	47.679
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.74%#	23.84%#
2) S Decachlor...	6.619	6.660	703.5E6	565.8E6	49.385	43.688
Spiked Amount	200.000	Range 60 - 300	Recovery =		24.69%#	21.84%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	31613911	23141662	51.519	58.344
4) L1 1016{2}	3.150	2.953	13101108	36353519	49.962	49.630
5) L1 1016{3}	3.487	3.367	16646986	35011914	52.900	49.113
6) L1 1016{4}	3.597	3.513	15226940	17965193	52.919	52.106
7) L1 1016{5}	3.809	3.543	13507789	19148860	49.349	50.742
Sum 1016			90096734	131.6E6	256.648	259.936
Average 1016					51.330	51.987
8) L7 1260{1}	4.683	4.665	41570056	51535015	49.233	47.631
9) L7 1260{2}	4.904	5.113	61922893	79545180	51.332	45.624
10) L7 1260{3}	5.219	5.188	40791513	52596397	50.527	46.579
11) L7 1260{4}	5.418	5.423	41440608	52044015	52.248	47.685
12) L7 1260{5}	5.670	5.631	86798598	113.7E6	48.431	46.093
Sum 1260			272.5E6	349.4E6	251.773	233.612
Average 1260					50.355	46.722

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

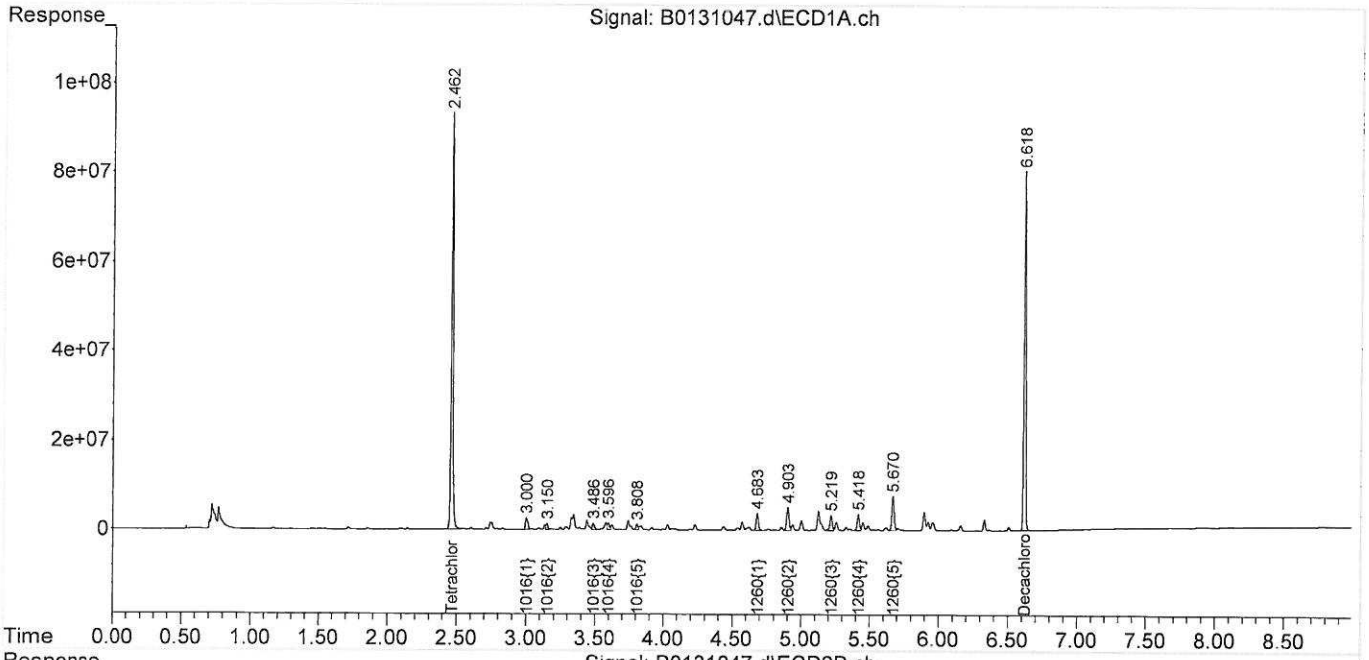
CHECKED BY: MARISSA CAGAN FEB 02 2012

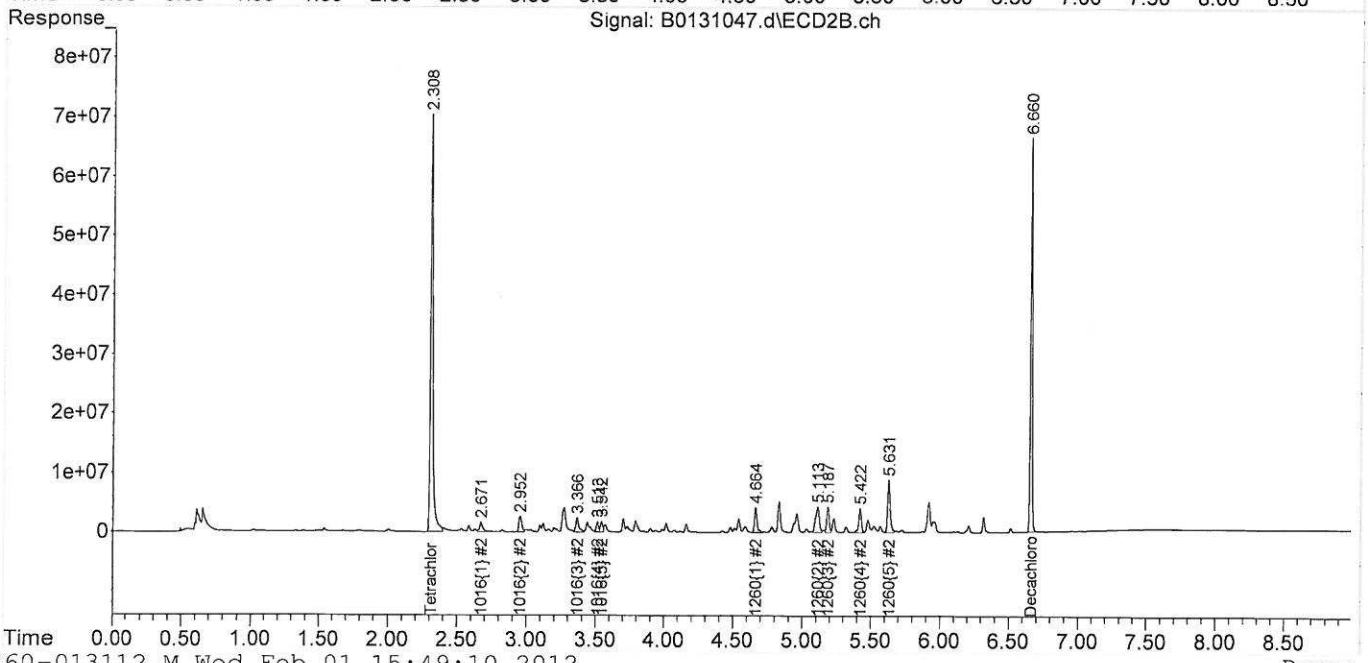
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131047.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 11:15 am
Operator : JMB
Sample : B045275-BSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:10 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-MS1	File ID:	B0131063.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:39
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260	0.20	0.038	0.11	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	599.6E6	609.7E6	36.598	35.852
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.30%#	17.93%#
2) S Decachlor...	6.618	6.660	458.4E6	391.2E6	32.180	30.206
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.09%#	15.10%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23368553	14758168	38.082	37.208
4) L1 1016{2}	3.151	2.953	9783852	26977110	37.311	36.830
5) L1 1016{3}	3.487	3.367	12182438	25420720	38.712	35.659
6) L1 1016{4}	3.597	3.513	11441219	13501956	39.762	39.161
7) L1 1016{5}	3.809	3.543	10045161	14266392	36.699	37.804
Sum 1016			66821222	94924345	190.566	186.662
Average 1016					38.113	37.332
8) L7 1260{1}	4.683	4.665	29944942	37140834	35.465	34.327
9) L7 1260{2}	4.904	5.113	44881038	57789971	37.205	33.146
10) L7 1260{3}	5.220	5.187	28991798	37735792	35.911	33.419
11) L7 1260{4}	5.418	5.423	29684669	38066488	37.426	34.878
12) L7 1260{5}	5.670	5.631	60765297	81283868	33.906	32.948
Sum 1260			194.3E6	252.0E6	179.913	168.719
Average 1260					35.983	33.744

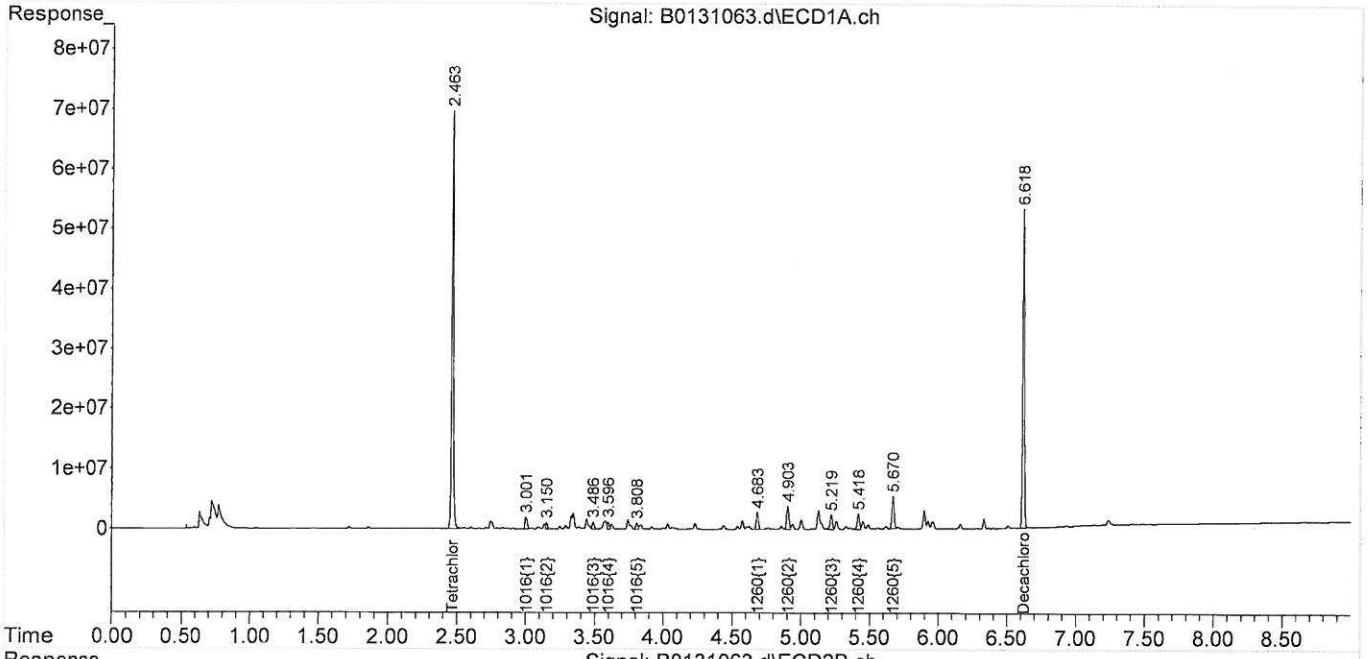
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

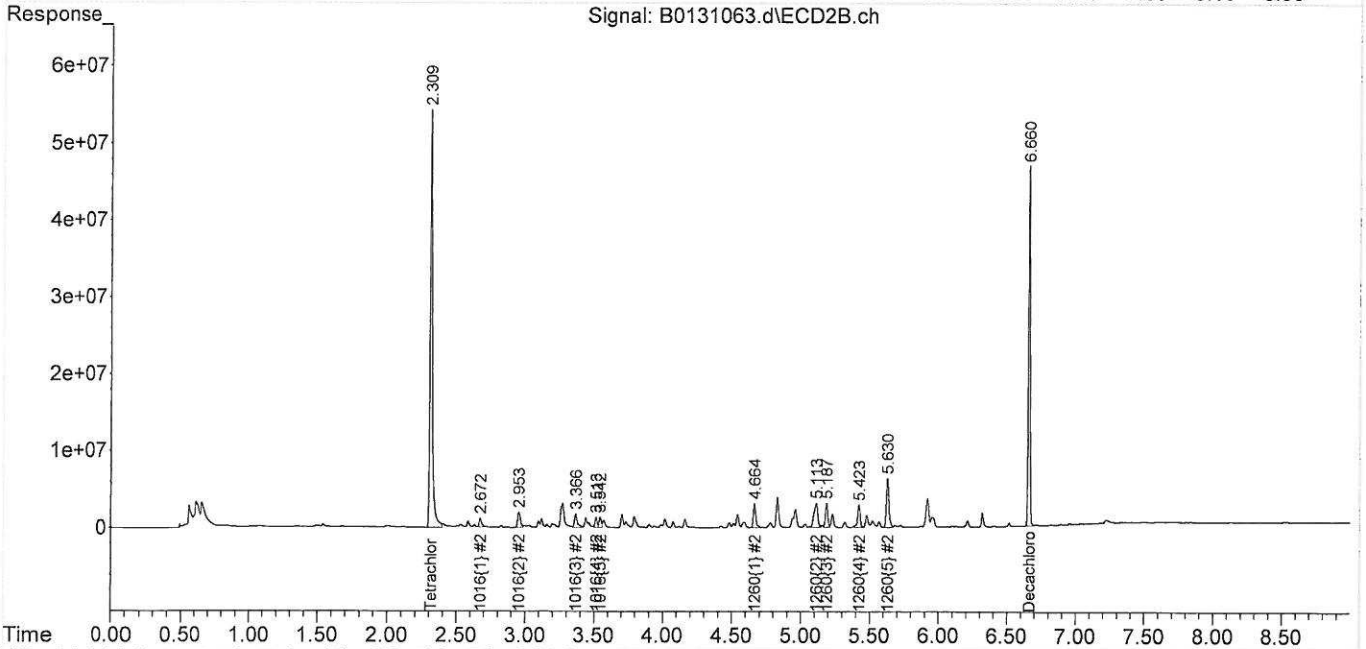
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment			Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045275-MS1	File ID:	B0131063.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:39
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.20	0.022	0.11	R-05
11096-82-5	Aroclor-1260 [2C]	0.18	0.038	0.11	

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

CHECKED BY: MARISSA CAGAN FEB 0 2 2012

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	599.6E6	609.7E6	36.598	35.852
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.30%#	17.93%#
2) S Decachlor...	6.618	6.660	458.4E6	391.2E6	32.180	30.206
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.09%#	15.10%#
Target Compounds						
3) L1 1016{1}	3.001	2.672	23368553	14758168	38.082	37.208
4) L1 1016{2}	3.151	2.953	9783852	26977110	37.311	36.830
5) L1 1016{3}	3.487	3.367	12182438	25420720	38.712	35.659
6) L1 1016{4}	3.597	3.513	11441219	13501956	39.762	39.161
7) L1 1016{5}	3.809	3.543	10045161	14266392	36.699	37.804
Sum 1016			66821222	94924345	190.566	186.662
Average 1016					38.113	37.332
8) L7 1260{1}	4.683	4.665	29944942	37140834	35.465	34.327
9) L7 1260{2}	4.904	5.113	44881038	57789971	37.205	33.146
10) L7 1260{3}	5.220	5.187	28991798	37735792	35.911	33.419
11) L7 1260{4}	5.418	5.423	29684669	38066488	37.426	34.878
12) L7 1260{5}	5.670	5.631	60765297	81283868	33.906	32.948
Sum 1260			194.3E6	252.0E6	179.913	168.719
Average 1260					35.983	33.744

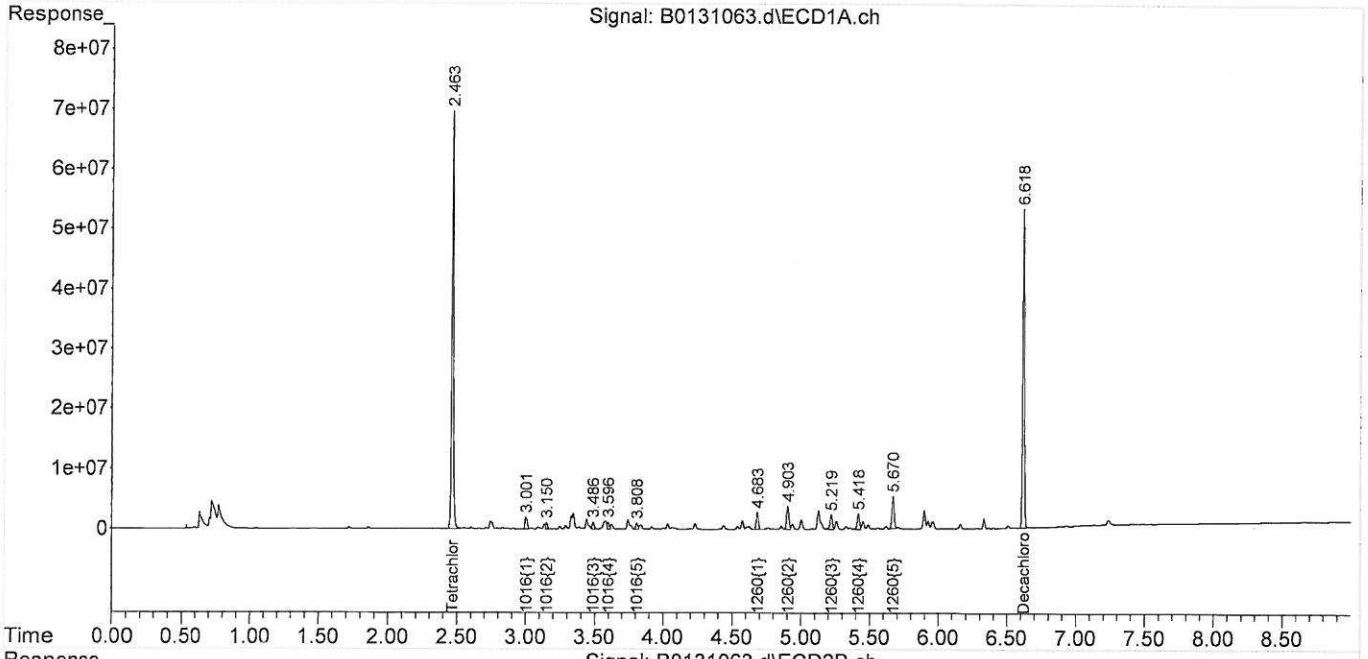
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

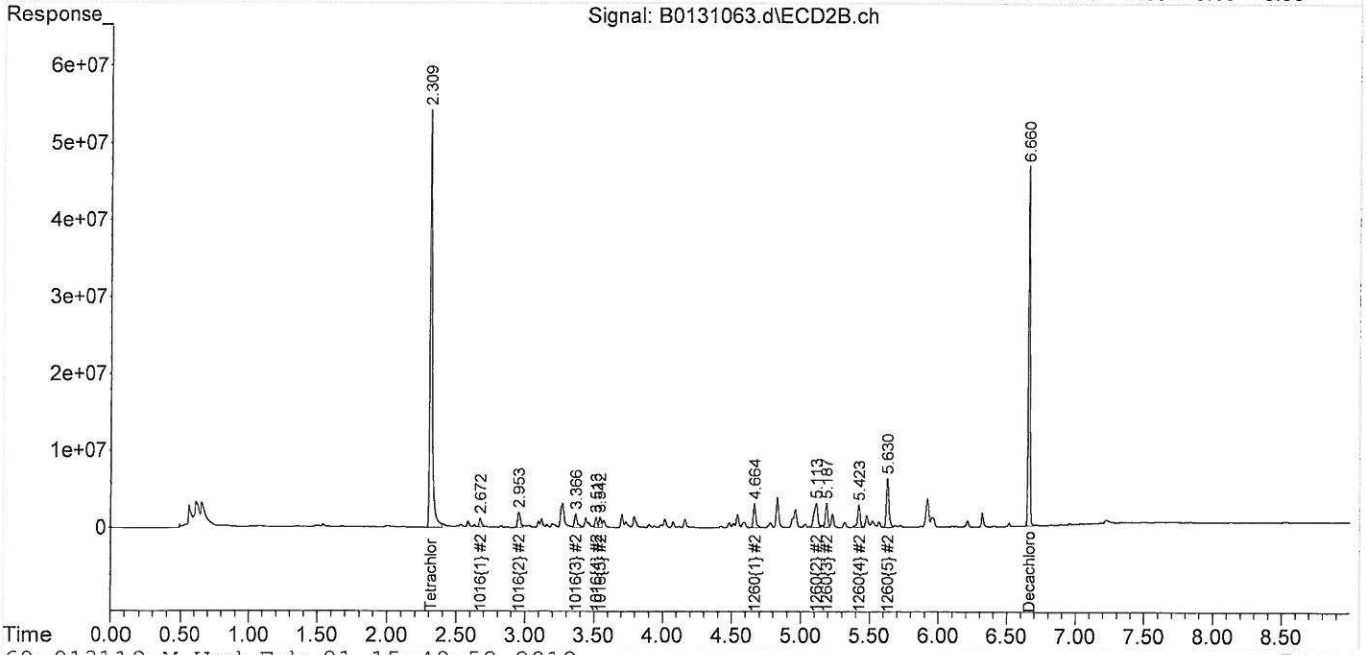
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131063.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:39 pm
Operator : JMB
Sample : B045275-MS1@5X Inst : ECD 2A
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:49:58 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-MSD1	File ID:	B0131064.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:52
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260	0.21	0.038	0.11	R-05

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	597.2E6	605.5E6	36.455	35.602
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.23%#	17.80%#
2) S Decachlor...	6.618	6.660	468.7E6	399.5E6	32.898	30.847
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.45%#	15.42%#
Target Compounds						
3) L1 1016{1}	3.002	2.672	24467630	16045949	39.873	40.455
4) L1 1016{2}	3.151	2.953	8879823	28242858	33.864	38.558
5) L1 1016{3}	3.487	3.367	12611019	26378138	40.074	37.002
6) L1 1016{4}	3.597	3.513	12091397	13990967	42.022	40.579
7) L1 1016{5}	3.809	3.543	10514546	14828533	38.413	39.294
Sum 1016			68564415	99486446	194.246	195.887
Average 1016					38.849	39.177
8) L7 1260{1}	4.683	4.665	31927079	39695423	37.813	36.688
9) L7 1260{2}	4.903	5.112	47556982	61255592	39.423	35.134
10) L7 1260{3}	5.219	5.187	29205201	40102800	36.176	35.515
11) L7 1260{4}	5.418	5.422	31793088	40383241	40.084	37.001
12) L7 1260{5}	5.670	5.630	65095314	86777912	36.322	35.175
Sum 1260			205.6E6	268.2E6	189.818	179.513
Average 1260					37.964	35.903

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

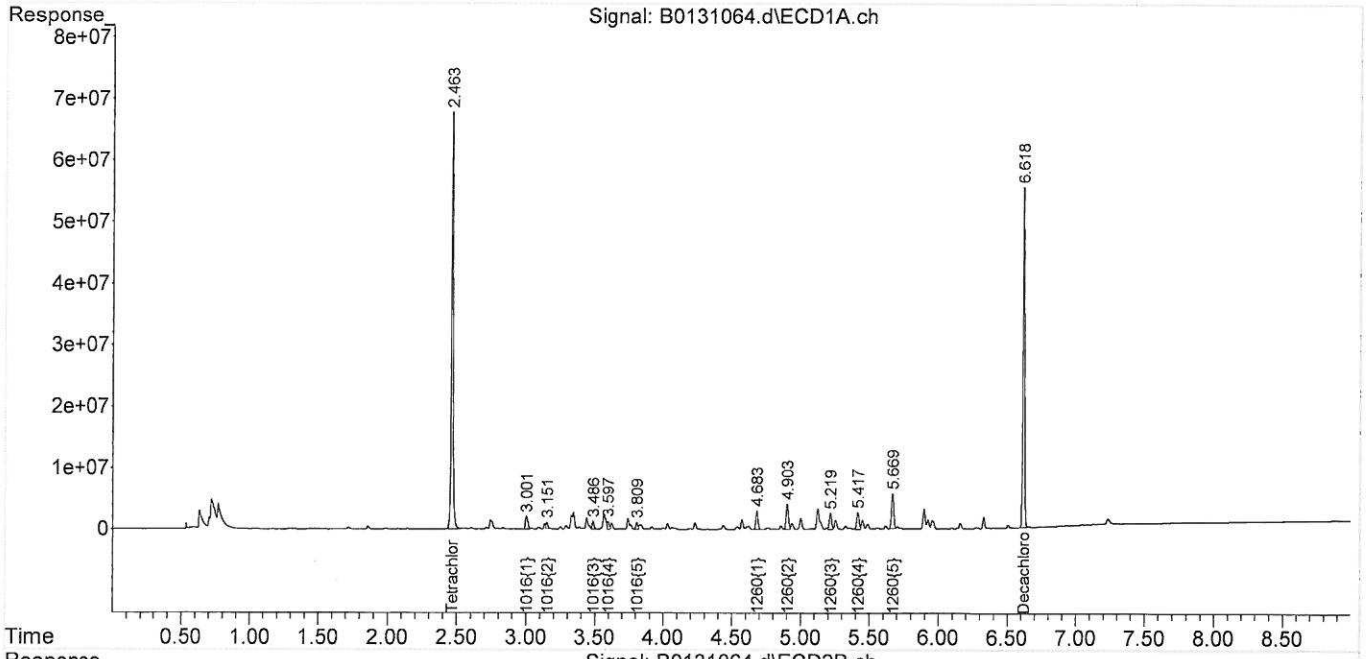
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

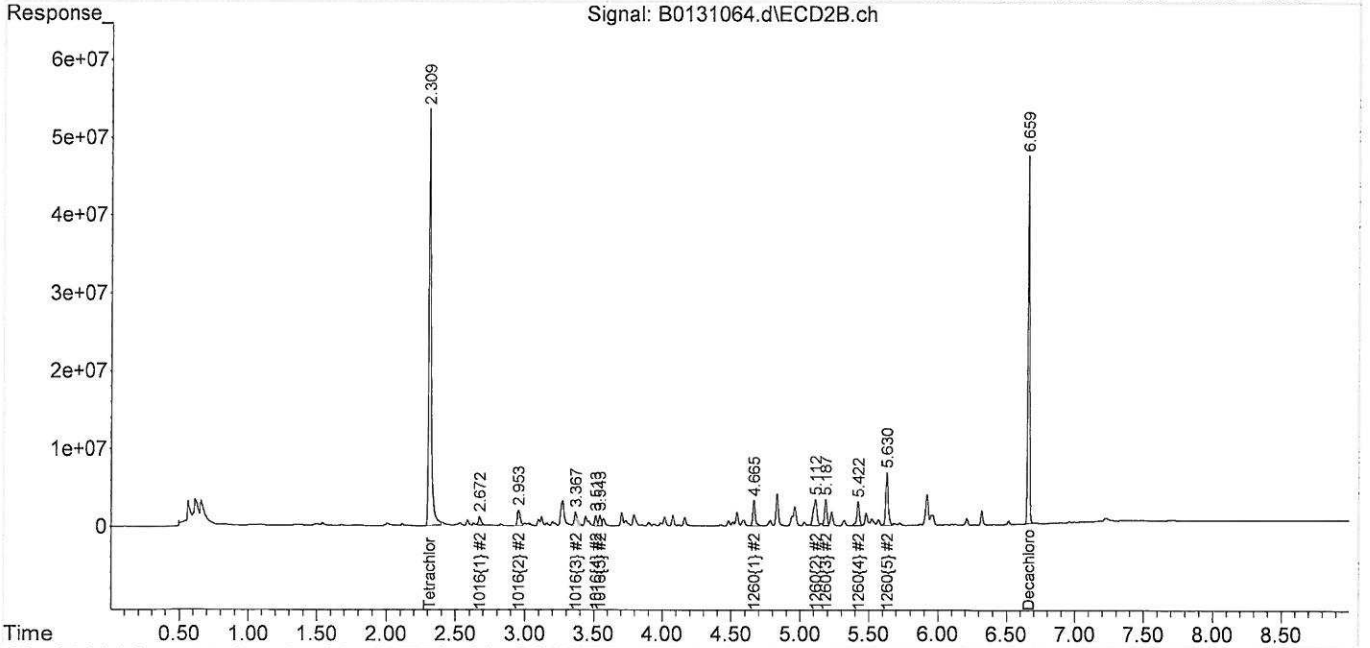
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12A0882
Client:	Ecology & Environment		Project:	002699.ID25.03 - Farmingdale, NY	
Matrix:	Soil	Laboratory ID:	B045275-MSD1	File ID:	B0131064.d
Sampled:		Prepared:	01/31/12 02:05	Analyzed:	02/01/12 14:52
Solids:		Preparation:	SW-846 3546	Dilution:	
Batch:	B045275	Sequence:	S001765	Calibration:	1200005
Instrument:	ECD 2A				
Column:	2				

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
12674-11-2	Aroclor-1016 [2C]	0.21	0.022	0.11	R-05
11096-82-5	Aroclor-1260 [2C]	0.19	0.038	0.11	

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachlo...	2.463	2.309	597.2E6	605.5E6	36.455	35.602
Spiked Amount	200.000	Range 60 - 300		Recovery =	18.23%#	17.80%#
2) S Decachlor...	6.618	6.660	468.7E6	399.5E6	32.898	30.847
Spiked Amount	200.000	Range 60 - 300		Recovery =	16.45%#	15.42%#
Target Compounds						
3) L1 1016{1}	3.002	2.672	24467630	16045949	39.873	40.455
4) L1 1016{2}	3.151	2.953	8879823	28242858	33.864	38.558
5) L1 1016{3}	3.487	3.367	12611019	26378138	40.074	37.002
6) L1 1016{4}	3.597	3.513	12091397	13990967	42.022	40.579
7) L1 1016{5}	3.809	3.543	10514546	14828533	38.413	39.294
Sum 1016			68564415	99486446	194.246	195.887
Average 1016					38.849	39.177
8) L7 1260{1}	4.683	4.665	31927079	39695423	37.813	36.688
9) L7 1260{2}	4.903	5.112	47556982	61255592	39.423	35.134
10) L7 1260{3}	5.219	5.187	29205201	40102800	36.176	35.515
11) L7 1260{4}	5.418	5.422	31793088	40383241	40.084	37.001
12) L7 1260{5}	5.670	5.630	65095314	86777912	36.322	35.175
Sum 1260			205.6E6	268.2E6	189.818	179.513
Average 1260					37.964	35.903

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

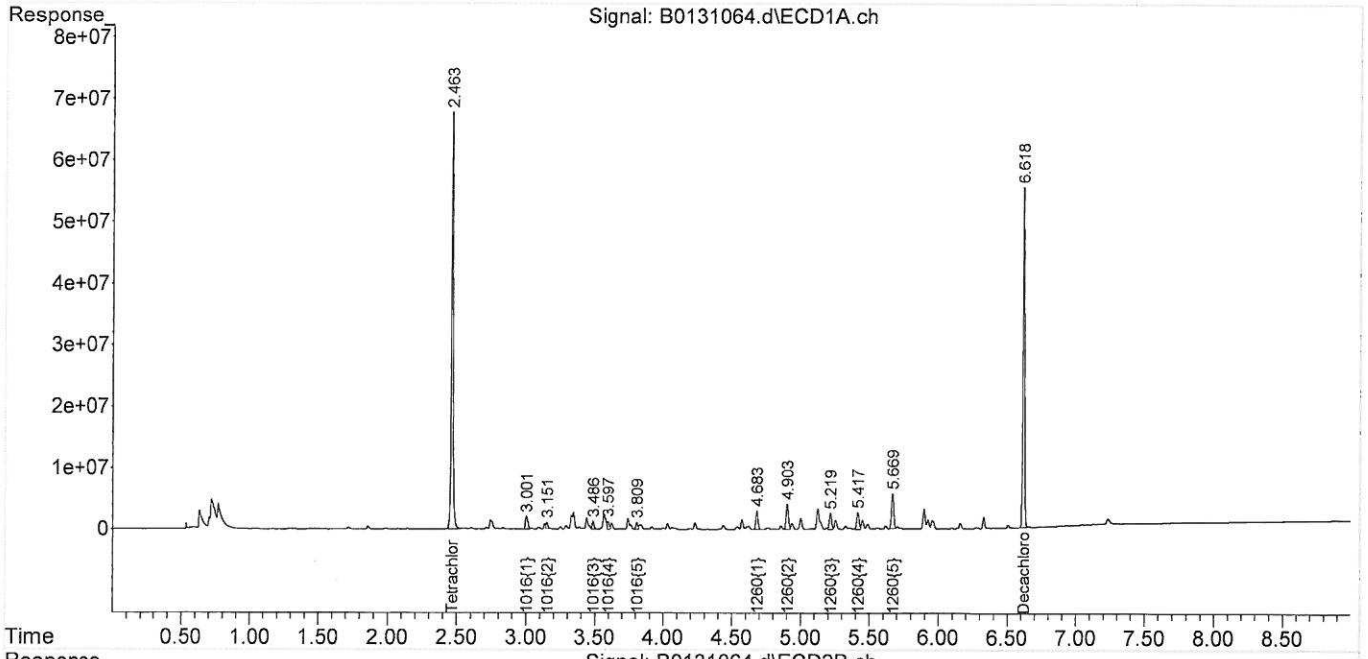
CHECKED BY: MARISSA CAGAN FEB 0 2 2012

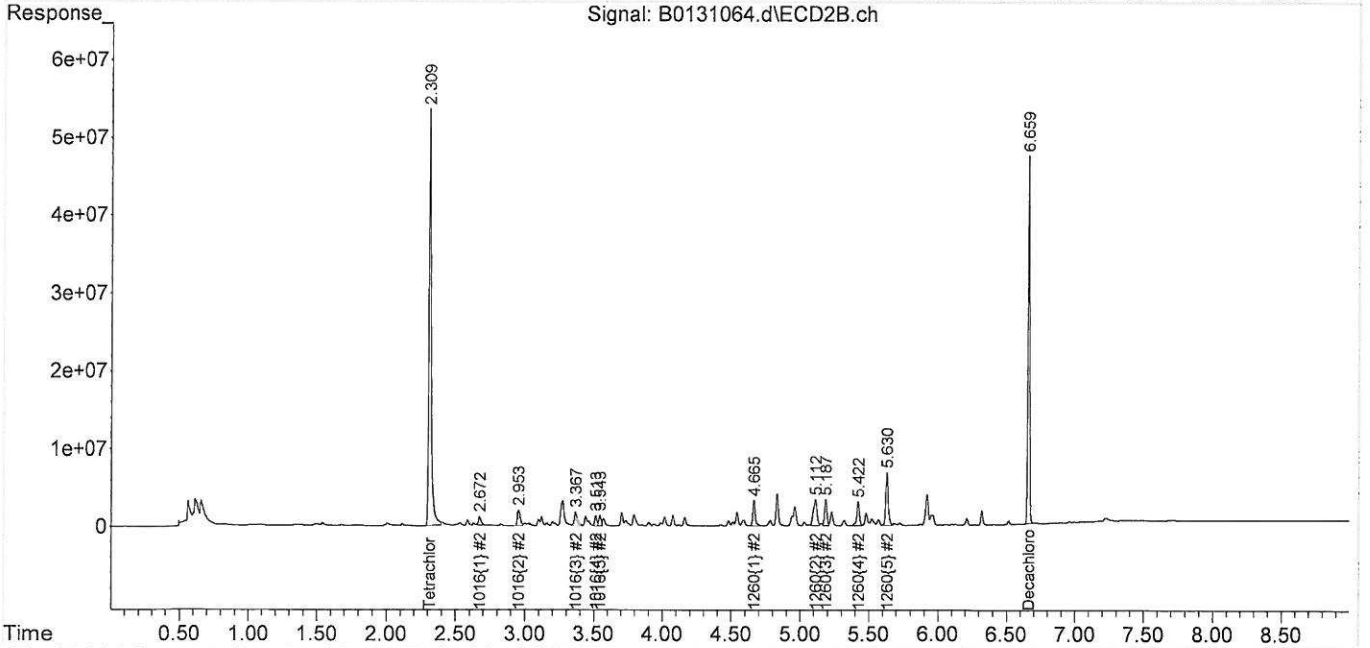
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\013112A\
Data File : B0131064.d
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 1 Feb 2012 2:52 pm
Operator : JMB
Sample : B045275-MSD1@5X Inst : ECD 2A
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: F-1260.E
Integration File signal 2: b-1260.E
Quant Time: Feb 01 15:50:01 2012
Quant Method : C:\msdchem\1\METHODS\2-1260-013112.M
Quant Title : 1260/1016 01/06/12 01/06/12
QLast Update : Fri Jan 06 17:34:47 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





PREPARATION BENCH SHEET

B045275

Con-Test Analytical Laboratory

Printed: 2/9/2012 2:16:31PM

Matrix: Soil **Prepared using: SV-GC - SW-846 3546** **Surrogate used: 1201249**

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12A0850-01	8082	01/31/12 02:05	10.2	10				1000		
12A0878-01	8082	01/31/12 02:05	10	10				1000		Clay, RCS-1 and Comm 97
12A0878-02	8082	01/31/12 02:05	10.1	10				1000		Wet clay & pebbles, RCS-1 and Comn
12A0880-01	8082	01/31/12 02:05	10.3	10				1000		clay
12A0880-02	8082	01/31/12 02:05	10	10				1000		clay
12A0880-03	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0880-04	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0880-05	8082	01/31/12 02:05	10.2	10				1000		Wet sand & pebbles
12A0880-06	8082	01/31/12 02:05	10.1	10				1000		Wet sand & pebbles
12A0882-01	8082	01/31/12 02:05	10.3	10				1000	Ecology & Environment	
12A0882-02	8082	01/31/12 02:05	10.2	10				1000	Ecology & Environment	
12A0882-03	8082	01/31/12 02:05	10.1	10				1000	Ecology & Environment	
12A0882-04	8082	01/31/12 02:05	10.3	10				1000	Ecology & Environment	MS/MSD
12A0896-01	8082	01/31/12 19:15	10.2	10				1000		
12A0911-05	8082	01/31/12 19:15	10.2	10				1000		
B045275-BLK1	QC	01/31/12 02:05	10	10				1000		Shared w/ B045274
B045275-BS1	QC	01/31/12 02:05	10	10	1201236		1000	1000		
B045275-BSD1	QC	01/31/12 02:05	10	10	1201236		1000	1000		
B045275-MS1	QC	01/31/12 02:05	10	10	1201236	12A0882-04	1000	1000		
B045275-MSD1	QC	01/31/12 02:05	10.1	10	1201236	12A0882-04	1000	1000		

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

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ICP

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	3700	1.4	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7440-36-0	Antimony		1.8	2.5	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-38-2	Arsenic		0.73	2.5	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-39-3	Barium	160	0.41	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7440-41-7	Beryllium		0.026	0.25	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-43-9	Cadmium		0.21	0.25	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-70-2	Calcium	8800	3.7	7.6	1		B045655	02/06/12 13:18	SW-846 6010C
7440-47-3	Chromium	6.0	0.43	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-48-4	Cobalt		0.27	2.5	1	J	B045655	02/06/12 13:18	SW-846 6010C
7440-50-8	Copper	9.4	0.43	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7439-89-6	Iron	5300	2.3	2.5	1		B045655	02/06/12 13:18	SW-846 6010C
7439-92-1	Lead	53	0.27	0.76	1		B045655	02/06/12 13:18	SW-846 6010C
7439-95-4	Magnesium	3100	5.0	7.6	1		B045655	02/06/12 13:18	SW-846 6010C
7439-96-5	Manganese	62	0.31	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-02-0	Nickel	3.5	0.11	0.51	1		B045655	02/06/12 13:18	SW-846 6010C
7440-09-7	Potassium	280	23	100	1		B045655	02/06/12 13:18	SW-846 6010C
7782-49-2	Selenium		0.62	5.1	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-22-4	Silver		0.19	0.51	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-23-5	Sodium	130	44	100	1		B045655	02/06/12 13:18	SW-846 6010C
7440-28-0	Thallium		1.1	2.5	1	U	B045655	02/06/12 13:18	SW-846 6010C
7440-62-2	Vanadium	12	0.15	1.0	1		B045655	02/06/12 13:18	SW-846 6010C
7440-66-6	Zinc	43	0.62	1.0	1		B045655	02/06/12 13:18	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	4800	1.4	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7440-36-0	Antimony		1.9	2.6	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-38-2	Arsenic		0.76	2.6	1	J	B045655	02/06/12 13:23	SW-846 6010C
7440-39-3	Barium	140	0.42	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7440-41-7	Beryllium		0.027	0.26	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-43-9	Cadmium	0.27	0.22	0.26	1		B045655	02/06/12 13:23	SW-846 6010C
7440-70-2	Calcium	5900	3.9	7.9	1		B045655	02/06/12 13:23	SW-846 6010C
7440-47-3	Chromium	7.3	0.45	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-48-4	Cobalt		0.28	2.6	1	J	B045655	02/06/12 13:23	SW-846 6010C
7440-50-8	Copper	19	0.45	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7439-89-6	Iron	6500	2.4	2.6	1		B045655	02/06/12 13:23	SW-846 6010C
7439-92-1	Lead	56	0.29	0.79	1		B045655	02/06/12 13:23	SW-846 6010C
7439-95-4	Magnesium	1700	5.2	7.9	1		B045655	02/06/12 13:23	SW-846 6010C
7439-96-5	Manganese	59	0.32	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-02-0	Nickel	4.8	0.11	0.53	1		B045655	02/06/12 13:23	SW-846 6010C
7440-09-7	Potassium	310	24	110	1		B045655	02/06/12 13:23	SW-846 6010C
7782-49-2	Selenium		0.65	5.3	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-22-4	Silver		0.20	0.53	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-23-5	Sodium	150	46	110	1		B045655	02/06/12 13:23	SW-846 6010C
7440-28-0	Thallium		1.1	2.6	1	U	B045655	02/06/12 13:23	SW-846 6010C
7440-62-2	Vanadium	15	0.15	1.1	1		B045655	02/06/12 13:23	SW-846 6010C
7440-66-6	Zinc	70	0.64	1.1	1		B045655	02/06/12 13:23	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	5000	1.4	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7440-36-0	Antimony		1.9	2.6	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-38-2	Arsenic		0.75	2.6	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-39-3	Barium	90	0.42	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7440-41-7	Beryllium		0.026	0.26	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-43-9	Cadmium		0.22	0.26	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-70-2	Calcium	4300	3.8	7.8	1		B045655	02/06/12 13:28	SW-846 6010C
7440-47-3	Chromium	6.8	0.44	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-48-4	Cobalt		0.28	2.6	1	J	B045655	02/06/12 13:28	SW-846 6010C
7440-50-8	Copper	11	0.45	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7439-89-6	Iron	5800	2.3	2.6	1		B045655	02/06/12 13:28	SW-846 6010C
7439-92-1	Lead	45	0.28	0.78	1		B045655	02/06/12 13:28	SW-846 6010C
7439-95-4	Magnesium	1100	5.1	7.8	1		B045655	02/06/12 13:28	SW-846 6010C
7439-96-5	Manganese	50	0.32	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-02-0	Nickel	3.4	0.11	0.52	1		B045655	02/06/12 13:28	SW-846 6010C
7440-09-7	Potassium	270	23	100	1		B045655	02/06/12 13:28	SW-846 6010C
7782-49-2	Selenium		0.64	5.2	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-22-4	Silver		0.20	0.52	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-23-5	Sodium	110	45	100	1		B045655	02/06/12 13:28	SW-846 6010C
7440-28-0	Thallium		1.1	2.6	1	U	B045655	02/06/12 13:28	SW-846 6010C
7440-62-2	Vanadium	12	0.15	1.0	1		B045655	02/06/12 13:28	SW-846 6010C
7440-66-6	Zinc	66	0.63	1.0	1		B045655	02/06/12 13:28	SW-846 6010C

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7429-90-5	Aluminum	7800	1.4	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7440-36-0	Antimony		1.9	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-38-2	Arsenic		0.77	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-39-3	Barium	13	0.43	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7440-41-7	Beryllium		0.027	0.27	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-43-9	Cadmium		0.22	0.27	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-70-2	Calcium	450	3.9	8.0	1		B045655	02/06/12 12:13	SW-846 6010C
7440-47-3	Chromium	6.0	0.45	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-48-4	Cobalt		0.28	2.7	1	J	B045655	02/06/12 12:13	SW-846 6010C
7440-50-8	Copper	2.1	0.46	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7439-89-6	Iron	6500	2.4	2.7	1		B045655	02/06/12 12:13	SW-846 6010C
7439-92-1	Lead	7.3	0.29	0.80	1		B045655	02/06/12 12:13	SW-846 6010C
7439-95-4	Magnesium	400	5.2	8.0	1		B045655	02/06/12 12:13	SW-846 6010C
7439-96-5	Manganese	17	0.32	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-02-0	Nickel	2.4	0.11	0.53	1		B045655	02/06/12 12:13	SW-846 6010C
7440-09-7	Potassium	280	24	110	1		B045655	02/06/12 12:13	SW-846 6010C
7782-49-2	Selenium		0.65	5.3	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-22-4	Silver		0.20	0.53	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-23-5	Sodium		46	110	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-28-0	Thallium		1.1	2.7	1	U	B045655	02/06/12 12:13	SW-846 6010C
7440-62-2	Vanadium	11	0.15	1.1	1		B045655	02/06/12 12:13	SW-846 6010C
7440-66-6	Zinc	13	0.65	1.1	1		B045655	02/06/12 12:13	SW-846 6010C

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-ICV1	Aluminum	1.00	1.05	105	mg/L	+/- 10.00%
	Antimony	1.00	1.01	101	mg/L	+/- 10.00%
	Arsenic	1.00	1.03	103	mg/L	+/- 10.00%
	Barium	1.00	1.02	102	mg/L	+/- 10.00%
	Beryllium	1.00	1.05	105	mg/L	+/- 10.00%
	Cadmium	1.00	1.05	105	mg/L	+/- 10.00%
	Calcium	1.00	1.06	106	mg/L	+/- 10.00%
	Chromium	1.00	1.02	102	mg/L	+/- 10.00%
	Cobalt	1.00	1.02	102	mg/L	+/- 10.00%
	Copper	1.00	0.998	99.8	mg/L	+/- 10.00%
	Iron	1.00	1.09	109	mg/L	+/- 10.00%
	Lead	1.00	0.999	99.9	mg/L	+/- 10.00%
	Magnesium	1.00	1.09	109	mg/L	+/- 10.00%
	Manganese	1.00	1.09	109	mg/L	+/- 10.00%
	Nickel	1.00	1.02	102	mg/L	+/- 10.00%
	Potassium	10.0	10.0	100	mg/L	+/- 10.00%
	Selenium	1.00	1.02	102	mg/L	+/- 10.00%
	Silver	1.00	1.03	103	mg/L	+/- 10.00%
	Sodium	1.00	1.08	108	mg/L	+/- 10.00%
	Thallium	1.00	0.995	99.5	mg/L	+/- 10.00%
	Vanadium	1.00	1.04	104	mg/L	+/- 10.00%
	Zinc	1.00	1.04	104	mg/L	+/- 10.00%
S001752-CCV1	Aluminum	5.00	5.12	102	mg/L	+/- 10.00%
	Antimony	5.00	5.30	106	mg/L	+/- 10.00%
	Arsenic	5.00	5.08	102	mg/L	+/- 10.00%
	Barium	5.00	5.12	102	mg/L	+/- 10.00%
	Beryllium	5.00	5.15	103	mg/L	+/- 10.00%
	Cadmium	5.00	5.15	103	mg/L	+/- 10.00%
	Chromium	5.00	5.06	101	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV1	Cobalt	5.00	5.08	102	mg/L	+/- 10.00%
	Copper	5.00	5.03	101	mg/L	+/- 10.00%
	Iron	5.00	5.08	102	mg/L	+/- 10.00%
	Lead	5.00	4.94	98.8	mg/L	+/- 10.00%
	Manganese	5.00	5.10	102	mg/L	+/- 10.00%
	Nickel	5.00	5.01	100	mg/L	+/- 10.00%
	Selenium	5.00	5.00	100	mg/L	+/- 10.00%
	Thallium	5.00	5.04	101	mg/L	+/- 10.00%
	Vanadium	5.00	5.05	101	mg/L	+/- 10.00%
	Zinc	5.00	5.10	102	mg/L	+/- 10.00%
S001752-CCV2	Silver	2.00	2.04	102	mg/L	+/- 10.00%
S001752-CCV3	Calcium	5.00	5.16	103	mg/L	+/- 10.00%
	Magnesium	5.00	5.13	103	mg/L	+/- 10.00%
	Potassium	25.0	25.2	101	mg/L	+/- 10.00%
	Sodium	5.00	5.11	102	mg/L	+/- 10.00%
S001752-CCV4	Aluminum	5.00	5.11	102	mg/L	+/- 10.00%
	Antimony	5.00	5.15	103	mg/L	+/- 10.00%
	Arsenic	5.00	4.92	98.4	mg/L	+/- 10.00%
	Barium	5.00	5.08	102	mg/L	+/- 10.00%
	Beryllium	5.00	5.15	103	mg/L	+/- 10.00%
	Cadmium	5.00	5.14	103	mg/L	+/- 10.00%
	Chromium	5.00	4.95	98.9	mg/L	+/- 10.00%
	Cobalt	5.00	5.03	101	mg/L	+/- 10.00%
	Copper	5.00	5.00	99.9	mg/L	+/- 10.00%
	Iron	5.00	5.02	100	mg/L	+/- 10.00%
	Lead	5.00	4.73	94.6	mg/L	+/- 10.00%
	Manganese	5.00	5.02	100	mg/L	+/- 10.00%
	Nickel	5.00	4.83	96.6	mg/L	+/- 10.00%
	Selenium	5.00	4.89	97.8	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV4	Thallium	5.00	5.02	100	mg/L	+/- 10.00%
	Vanadium	5.00	5.01	100	mg/L	+/- 10.00%
	Zinc	5.00	5.02	100	mg/L	+/- 10.00%
S001752-CCV5	Silver	2.00	2.06	103	mg/L	+/- 10.00%
S001752-CCV6	Calcium	5.00	4.93	98.7	mg/L	+/- 10.00%
	Magnesium	5.00	4.97	99.3	mg/L	+/- 10.00%
	Potassium	25.0	23.9	95.5	mg/L	+/- 10.00%
	Sodium	5.00	4.90	98.0	mg/L	+/- 10.00%
S001752-CCV7	Aluminum	5.00	5.28	106	mg/L	+/- 10.00%
	Antimony	5.00	5.31	106	mg/L	+/- 10.00%
	Arsenic	5.00	4.98	99.7	mg/L	+/- 10.00%
	Barium	5.00	5.13	103	mg/L	+/- 10.00%
	Beryllium	5.00	5.09	102	mg/L	+/- 10.00%
	Cadmium	5.00	5.21	104	mg/L	+/- 10.00%
	Chromium	5.00	4.92	98.4	mg/L	+/- 10.00%
	Cobalt	5.00	5.09	102	mg/L	+/- 10.00%
	Copper	5.00	5.04	101	mg/L	+/- 10.00%
	Iron	5.00	5.18	104	mg/L	+/- 10.00%
	Lead	5.00	4.66	93.2	mg/L	+/- 10.00%
	Manganese	5.00	5.02	100	mg/L	+/- 10.00%
	Nickel	5.00	4.80	96.0	mg/L	+/- 10.00%
	Selenium	5.00	4.96	99.2	mg/L	+/- 10.00%
	Thallium	5.00	5.16	103	mg/L	+/- 10.00%
	Vanadium	5.00	5.05	101	mg/L	+/- 10.00%
	Zinc	5.00	5.06	101	mg/L	+/- 10.00%
S001752-CCV8	Silver	2.00	2.04	102	mg/L	+/- 10.00%
S001752-CCV9	Calcium	5.00	5.01	100	mg/L	+/- 10.00%
	Magnesium	5.00	4.99	99.8	mg/L	+/- 10.00%
	Potassium	25.0	24.7	98.7	mg/L	+/- 10.00%

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
		Sequence:	S001752

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001752-CCV9	Sodium	5.00	5.00	100	mg/L	+/- 10.00%

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-ICB1	Aluminum	-0.00325	mg/L	0.050	U
	Antimony	-0.00624	mg/L	0.050	U
	Arsenic	-0.00150	mg/L	0.050	U
	Barium	-7.41E-5	mg/L	0.050	U
	Beryllium	-7.78E-5	mg/L	0.0050	U
	Cadmium	-2.71E-5	mg/L	0.0050	U
	Calcium	0.00227	mg/L	0.15	U
	Chromium	-1.89E-4	mg/L	0.010	U
	Cobalt	-1.48E-4	mg/L	0.050	U
	Copper	1.18E-4	mg/L	0.010	U
	Iron	0.00185	mg/L	0.050	U
	Lead	3.90E-4	mg/L	0.015	U
	Magnesium	-0.00122	mg/L	0.15	U
	Manganese	1.70E-4	mg/L	0.010	U
	Nickel	-4.66E-4	mg/L	0.010	U
	Potassium	0.0856	mg/L	2.0	U
	Selenium	1.55E-4	mg/L	0.10	U
	Silver	0.00133	mg/L	0.010	U
	Sodium	0.00201	mg/L	2.0	U
	Thallium	0.00136	mg/L	0.050	U
	Vanadium	-1.21E-4	mg/L	0.020	U
	Zinc	4.05E-5	mg/L	0.020	U
B045655-BLK1	Aluminum	1.3	mg/Kg wet	2.5	U
	Antimony	-0.67	mg/Kg wet	2.5	U
	Arsenic	-0.055	mg/Kg wet	2.5	U
	Barium	0.0081	mg/Kg wet	2.5	U
	Beryllium	0.018	mg/Kg wet	0.25	U
	Cadmium	0.014	mg/Kg wet	0.25	U
	Calcium	3.3	mg/Kg wet	7.5	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
B045655-BLK1	Chromium	0.0077	mg/Kg wet	0.50	U
	Cobalt	-0.0036	mg/Kg wet	2.5	U
	Copper	0.070	mg/Kg wet	0.50	U
	Iron	1.8	mg/Kg wet	2.5	U
	Lead	0.063	mg/Kg wet	0.75	U
	Magnesium	0.29	mg/Kg wet	7.5	U
	Manganese	0.042	mg/Kg wet	0.50	U
	Nickel	0.0057	mg/Kg wet	0.50	U
	Potassium	4.9	mg/Kg wet	100	U
	Selenium	0.075	mg/Kg wet	5.0	U
	Silver	-0.15	mg/Kg wet	0.50	U
	Sodium	1.0	mg/Kg wet	100	U
	Thallium	0.20	mg/Kg wet	2.5	U
	Vanadium	-0.0019	mg/Kg wet	1.0	U
	Zinc	0.84	mg/Kg wet	1.0	J
S001752-CCB2	Aluminum	-0.00087	mg/L	0.050	U
	Antimony	-0.0079	mg/L	0.050	U
	Arsenic	-0.0018	mg/L	0.050	U
	Barium	-8.5E-5	mg/L	0.050	U
	Beryllium	-4.8E-5	mg/L	0.0050	U
	Cadmium	-1.3E-5	mg/L	0.0050	U
	Calcium	0.0079	mg/L	0.15	U
	Chromium	-0.00015	mg/L	0.010	U
	Cobalt	-0.00015	mg/L	0.050	U
	Copper	0.00016	mg/L	0.010	U
	Iron	0.00090	mg/L	0.050	U
	Lead	-8.4E-5	mg/L	0.015	U
	Magnesium	0.0036	mg/L	0.15	U
	Manganese	-1.2E-5	mg/L	0.010	U

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SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-CCB2	Nickel	-0.00014	mg/L	0.010	U
	Potassium	0.018	mg/L	2.0	U
	Selenium	0.0010	mg/L	0.10	U
	Silver	-0.0030	mg/L	0.010	U
	Sodium	0.0015	mg/L	2.0	U
	Thallium	-0.00034	mg/L	0.050	U
	Vanadium	-0.00042	mg/L	0.020	U
	Zinc	0.0020	mg/L	0.020	U
S001752-CCB3	Aluminum	-0.0085	mg/L	0.050	U
	Antimony	-0.0059	mg/L	0.050	U
	Arsenic	-0.00076	mg/L	0.050	U
	Barium	-7.5E-5	mg/L	0.050	U
	Beryllium	5.0E-6	mg/L	0.0050	U
	Cadmium	7.0E-6	mg/L	0.0050	U
	Calcium	0.013	mg/L	0.15	U
	Chromium	4.1E-5	mg/L	0.010	U
	Cobalt	-0.00029	mg/L	0.050	U
	Copper	0.00020	mg/L	0.010	U
	Iron	0.0031	mg/L	0.050	U
	Lead	0.00089	mg/L	0.015	U
	Magnesium	0.0036	mg/L	0.15	U
	Manganese	1.7E-5	mg/L	0.010	U
	Nickel	3.0E-5	mg/L	0.010	U
	Potassium	0.053	mg/L	2.0	U
	Selenium	-0.00077	mg/L	0.10	U
	Silver	-0.0037	mg/L	0.010	U
	Sodium	0.0037	mg/L	2.0	U
	Thallium	0.0013	mg/L	0.050	U
	Vanadium	-0.00052	mg/L	0.020	U

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BLANKS

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	Found	Units	RL	C
S001752-CCB3	Zinc	0.0023	mg/L	0.020	U

con-test® ANALYTICAL LABORATORY
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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFA1	Aluminum	2.50	250	272.58	109	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50		0.02		mg/L
	Beryllium	0.25		0.00		mg/L
	Cadmium	0.25		0.00		mg/L
	Calcium	7.50	250	264.08	106	mg/L
	Chromium	0.50		0.00		mg/L
	Cobalt	2.50		0.00		mg/L
	Copper	0.50		0.00		mg/L
	Iron	2.50	100	105.37	105	mg/L
	Lead	0.75		-0.02		mg/L
	Magnesium	7.50	250	245.45	98.2	mg/L
	Manganese	0.50		0.01		mg/L
	Nickel	0.50		-0.01		mg/L
	Potassium	100.00		0.18		mg/L
	Selenium	5.00		0.02		mg/L
	Silver	0.50		0.00		mg/L
	Sodium	100.00		0.04		mg/L
	Thallium	2.50		-0.03		mg/L
	Vanadium	1.00		0.00		mg/L
	Zinc	1.00		0.01		mg/L
S001752-IFB1	Aluminum	2.50	250	273.95	110	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50	0.500	0.56	112	mg/L
	Beryllium	0.25	0.500	0.58	116	mg/L
	Cadmium	0.25	1.00	1.16	116	mg/L
	Calcium	7.50	250	264.02	106	mg/L
	Chromium	0.50	0.500	0.54	108	mg/L

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INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFB1	Cobalt	2.50	0.500	0.52	103	mg/L
	Copper	0.50	0.500	0.57	114	mg/L
	Iron	2.50	100	104.12	104	mg/L
	Lead	0.75	1.00	0.97	97.0	mg/L
	Magnesium	7.50	250	244.56	97.8	mg/L
	Manganese	0.50	0.500	0.55	111	mg/L
	Nickel	0.50	1.00	0.99	99.3	mg/L
	Potassium	100.00		0.12		mg/L
	Selenium	5.00		0.02		mg/L
	Silver	0.50	1.00	1.15	115	mg/L
	Sodium	100.00		0.05		mg/L
	Thallium	2.50		-0.02		mg/L
	Vanadium	1.00	0.500	0.56	111	mg/L
	Zinc	1.00	1.00	1.05	105	mg/L
S001752-IFA2	Aluminum	2.50	250	266.36	107	mg/L
	Antimony	2.50		0.03		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50		0.02		mg/L
	Beryllium	0.25		0.00		mg/L
	Cadmium	0.25		0.00		mg/L
	Calcium	7.50	250	248.84	99.5	mg/L
	Chromium	0.50		0.00		mg/L
	Cobalt	2.50		0.00		mg/L
	Copper	0.50		0.00		mg/L
	Iron	2.50	100	96.32	96.3	mg/L
	Lead	0.75		-0.02		mg/L
	Magnesium	7.50	250	226.63	90.6	mg/L
	Manganese	0.50		0.01		mg/L
	Nickel	0.50		-0.01		mg/L
	Potassium	100.00		0.18		mg/L

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INTERFERENCE CHECK SAMPLE

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	ICP2	Calibration:	UNASSIGNED
Sequence:	S001752		

Lab Sample ID	Analyte	RL	True	Found	%R	Units
S001752-IFA2	Selenium	5.00		0.03		mg/L
	Silver	0.50		0.00		mg/L
	Sodium	100.00		0.27		mg/L
	Thallium	2.50		-0.02		mg/L
	Vanadium	1.00		0.00		mg/L
	Zinc	1.00		0.01		mg/L
S001752-IFB2	Aluminum	2.50	250	264.01	106	mg/L
	Antimony	2.50		0.02		mg/L
	Arsenic	2.50		-0.01		mg/L
	Barium	2.50	0.500	0.54	109	mg/L
	Beryllium	0.25	0.500	0.54	108	mg/L
	Cadmium	0.25	1.00	1.13	113	mg/L
	Calcium	7.50	250	245.56	98.2	mg/L
	Chromium	0.50	0.500	0.51	102	mg/L
	Cobalt	2.50	0.500	0.50	99.5	mg/L
	Copper	0.50	0.500	0.55	110	mg/L
	Iron	2.50	100	93.35	93.4	mg/L
	Lead	0.75	1.00	0.89	89.2	mg/L
	Magnesium	7.50	250	223.26	89.3	mg/L
	Manganese	0.50	0.500	0.49	98.3	mg/L
	Nickel	0.50	1.00	0.93	93.1	mg/L
	Potassium	100.00		0.21		mg/L
	Selenium	5.00		0.04		mg/L
	Silver	0.50	1.00	1.10	110	mg/L
	Sodium	100.00		0.31		mg/L
	Thallium	2.50		-0.03		mg/L
	Vanadium	1.00	0.500	0.54	107	mg/L
	Zinc	1.00	1.00	1.01	101	mg/L

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 6010C
Batch:	B045655	Preparation:	SW-846 3050B
% Solids:	91.50	Laboratory ID:	B045655-MS1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.		QC LIMITS REC.
Aluminum	107	7820	9140	1240		75 - 125
Antimony	107	ND	65.4	61.4	N	75 - 125
Arsenic	107	ND	105	98.8		75 - 125
Barium	107	12.6	120	101		75 - 125
Beryllium	107	ND	115	108		75 - 125
Cadmium	107	ND	107	100		75 - 125
Calcium	107	452	587	127		75 - 125
Chromium	107	6.05	113	100		75 - 125
Cobalt	107	0.967	105	97.8		75 - 125
Copper	107	2.11	111	103		75 - 125
Iron	107	6540	6790	236		75 - 125
Lead	107	7.31	104	91.0		75 - 125
Magnesium	107	401	581	169		75 - 125
Manganese	107	17.4	128	104		75 - 125
Nickel	107	2.40	104	95.1		75 - 125
Potassium	1070	281	1390	104		75 - 125
Selenium	107	ND	102	95.5		75 - 125
Silver	107	ND	104	98.0		75 - 125
Sodium	107	ND	152	143	N	75 - 125
Thallium	107	ND	101	94.9		75 - 125
Vanadium	107	11.2	122	104		75 - 125
Zinc	107	12.6	119	99.8		75 - 125

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 6010C
Batch:	B045655	Preparation:	SW-846 3050B
% Solids:	91.50	Laboratory ID:	B045655-MSD1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #		% RPD		QC LIMITS RPD	QC LIMITS REC.
Aluminum	109	8840	943		3.28		35	75 - 125
Antimony	109	66.3	61.0	N	1.33	N	35	75 - 125
Arsenic	109	107	98.1		1.19		35	75 - 125
Barium	109	119	98.0		1.03		35	75 - 125
Beryllium	109	113	104		1.79		35	75 - 125
Cadmium	109	108	99.3		0.885		35	75 - 125
Calcium	109	579	117		1.43		35	75 - 125
Chromium	109	113	98.1		0.237		35	75 - 125
Cobalt	109	106	96.7		0.673		35	75 - 125
Copper	109	111	100		0.447		35	75 - 125
Iron	109	6860	296		1.03		35	75 - 125
Lead	109	105	89.7		0.412		35	75 - 125
Magnesium	109	584	169		0.534		35	75 - 125
Manganese	109	129	103		1.28		35	75 - 125
Nickel	109	104	93.3		0.0609		35	75 - 125
Potassium	1090	1400	103		0.555		35	75 - 125
Selenium	109	103	95.2		1.54		35	75 - 125
Silver	109	104	95.9		0.226		35	75 - 125
Sodium	109	153	141	N	0.833	N	35	75 - 125
Thallium	109	102	93.9		0.860		35	75 - 125
Vanadium	109	123	102		0.182		35	75 - 125
Zinc	109	120	98.5		0.517		35	75 - 125

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DUPLICATES

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045655-DUP1
Batch:	B045655	Initial/Final:	1.0212 g / 50 mL
Preparation:	SW-846 3050B	Analysis:	SW-846 6010C
% Solids:	91.50		

ANALYTE	SAMPLE CONCENTRATION (mg/Kg dry)	DUPLICATE CONCENTRATION (mg/Kg dry)	RPD %	Q	CONTROL LIMIT
Aluminum	7820	7060	10.1		35
Antimony	ND	2.7 U			35
Arsenic	ND	2.7 U			35
Barium	12.6	11.2	11.9		35
Beryllium	ND	0.27 U			35
Cadmium	ND	0.27 U			35
Calcium	452	466	3.05		35
Chromium	6.05	5.35	12.2		35
Cobalt	0.967	2.7 J			35
Copper	2.11	1.96	7.62		35
Iron	6540	6250	4.46		35
Lead	7.31	6.03	19.2		35
Magnesium	401	398	0.633		35
Manganese	17.4	17.6	0.965		35
Nickel	2.40	2.16	10.6		35
Potassium	281	236	17.3		35
Selenium	ND	5.4 U			35
Silver	ND	0.54 U			35
Sodium	ND	110 U			35
Thallium	ND	2.7 U			35
Vanadium	11.2	10.2	9.12		35
Zinc	12.6	11.5	9.20		35

con-test® ANALYTICAL LABORATORY
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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BS1
Column:		Initial/Final:	0.5005 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Aluminum	8390	7900	94.2	39 - 161
Antimony	106	92.1	86.9	30 - 219
Arsenic	109	111	102	83.2 - 117.4
Barium	206	208	101	83.1 - 116.9
Beryllium	88.2	95.7	109	83.7 - 116.2
Cadmium	80.2	84.5	105	80.7 - 119.1
Calcium	6700	6950	104	78.4 - 121.6
Chromium	117	119	102	80.6 - 119.9
Cobalt	127	130	102	81.2 - 118.8
Copper	117	120	103	83.8 - 116.2
Iron	12300	12200	98.9	50.5 - 148.8
Lead	76.2	70.9	93.1	70.7 - 129
Magnesium	2640	2790	106	69.5 - 130.2
Manganese	350	371	106	76.7 - 123.2
Nickel	71.2	70.7	99.3	81.2 - 118.3
Potassium	2960	3130	106	65.3 - 134.5
Selenium	127	130	102	79.2 - 120.3
Silver	41.0	41.0	99.9	66.3 - 133.7
Sodium	360	382	106	70.8 - 129.3
Thallium	266	265	99.5	77.8 - 121.6
Vanadium	86.1	90.2	105	76.8 - 123.6
Zinc	280	280	100	81.9 - 117.7

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aluminum	8390	8060	96.1	2.06	30	39 - 161
Antimony	106	93.6	88.3	1.59	30	30 - 219
Arsenic	109	113	104	1.36	30	83.2 - 117.4
Barium	206	213	103	2.54	30	83.1 - 116.9
Beryllium	88.2	98.6	112	2.92	30	83.7 - 116.2

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BSD1
Column:		Initial/Final:	0.5023 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	80.2	91.4	114	7.90	30	80.7 - 119.1
Calcium	6700	7470	112	7.32	30	78.4 - 121.6
Chromium	117	125	107	4.48	30	80.6 - 119.9
Cobalt	127	135	106	3.72	30	81.2 - 118.8
Copper	117	129	110	6.87	30	83.8 - 116.2
Iron	12300	12300	100	1.09	30	50.5 - 148.8
Lead	76.2	74.0	97.1	4.27	30	70.7 - 129
Magnesium	2640	2810	106	0.463	30	69.5 - 130.2
Manganese	350	382	109	2.82	30	76.7 - 123.2
Nickel	71.2	74.7	105	5.51	30	81.2 - 118.3
Potassium	2960	3090	105	1.02	30	65.3 - 134.5
Selenium	127	141	111	8.07	30	79.2 - 120.3
Silver	41.0	41.6	101	1.52	30	66.3 - 133.7
Sodium	360	395	110	3.24	30	70.8 - 129.3
Thallium	266	270	102	2.18	30	77.8 - 121.6
Vanadium	86.1	93.5	109	3.57	30	76.8 - 123.6
Zinc	280	289	103	3.03	30	81.9 - 117.7

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 3050B
Batch:	B045655	Laboratory ID:	B045655-BS2
Column:		Initial/Final:	1.0624 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Lead	0.706	0.762	108	80 - 120

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: ICP2

Analyte	MDL	MRL	Units	Method
Aluminum	1.3	2.5	mg/Kg	SW-846 6010C
Antimony	1.8	2.5	mg/Kg	SW-846 6010C
Arsenic	0.72	2.5	mg/Kg	SW-846 6010C
Barium	0.40	2.5	mg/Kg	SW-846 6010C
Beryllium	0.025	0.25	mg/Kg	SW-846 6010C
Cadmium	0.21	0.25	mg/Kg	SW-846 6010C
Calcium	3.7	7.5	mg/Kg	SW-846 6010C
Chromium	0.43	0.50	mg/Kg	SW-846 6010C
Cobalt	0.27	2.5	mg/Kg	SW-846 6010C
Copper	0.43	0.50	mg/Kg	SW-846 6010C
Iron	2.2	2.5	mg/Kg	SW-846 6010C
Lead	0.27	0.75	mg/Kg	SW-846 6010C
Magnesium	4.9	7.5	mg/Kg	SW-846 6010C
Manganese	0.30	0.50	mg/Kg	SW-846 6010C
Nickel	0.11	0.50	mg/Kg	SW-846 6010C
Potassium	22	100	mg/Kg	SW-846 6010C
Selenium	0.61	5.0	mg/Kg	SW-846 6010C
Silver	0.19	0.50	mg/Kg	SW-846 6010C
Sodium	43	100	mg/Kg	SW-846 6010C
Thallium	1.1	2.5	mg/Kg	SW-846 6010C
Vanadium	0.14	1.0	mg/Kg	SW-846 6010C
Zinc	0.61	1.0	mg/Kg	SW-846 6010C

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PREPARATION BATCH SUMMARY

SW-846 6010C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045655 Batch Matrix: Soil	Preparation:	SW-846 3050B

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/01/12 09:10	1.04	50.00
FPC-SB02	12A0882-02	02/01/12 09:10	1.02	50.00
FPC-SB02/D	12A0882-03	02/01/12 09:10	1.03	50.00
FPC-SB03	12A0882-04	02/01/12 09:10	1.03	50.00
Blank	B045655-BLK1	02/01/12 09:10	1.00	50.00
LCS	B045655-BS1	02/01/12 09:10	0.50	50.00
LCS	B045655-BS2	02/01/12 09:10	1.06	50.00
LCS Dup	B045655-BSD1	02/01/12 09:10	0.50	50.00
FPC-SB03	B045655-DUP1	02/01/12 09:10	1.02	50.00
FPC-SB03	B045655-MS1	02/01/12 09:10	1.03	50.00
FPC-SB03	B045655-MSD1	02/01/12 09:10	1.01	50.00

con-test® ANALYTICAL LABORATORY
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SAMPLE DATA

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001752-ICV1	QC		1		1201015	1201214		
S001752-ICB1	QC		2		1201085	1201214		
S001752-LCV1	QC		3		1112206	1201214		
S001752-LCV2	QC		4		1202018	1201214		
S001752-CCV1	QC		5		1201230	1201214		
S001752-CCV2	QC		6		1112208	1201214		
S001752-CCV3	QC		7		1202019	1201214		
S001752-IFA1	QC		8		1201013	1201214		
S001752-IFB1	QC		9		1201014	1201214		
B045655-BS1	QC		10					
B045655-BSD1	QC		11					
12A0882-04	Aluminum 6010 Total	A	12			1201214	Ecology & Environment	MS/MSD
12A0882-04	Antimony 6010 Total	A	13			1201214	Ecology & Environment	MS/MSD
12A0882-04	Arsenic 6010 Total	A	14			1201214	Ecology & Environment	MS/MSD
12A0882-04	Barium 6010 Total	A	15			1201214	Ecology & Environment	MS/MSD
12A0882-04	Beryllium 6010 Total	A	16			1201214	Ecology & Environment	MS/MSD
12A0882-04	Cadmium 6010 Total	A	17			1201214	Ecology & Environment	MS/MSD
12A0882-04	Calcium 6010 Total	A	18			1201214	Ecology & Environment	MS/MSD
12A0882-04	Chromium 6010 Total	A	19			1201214	Ecology & Environment	MS/MSD
12A0882-04	Cobalt 6010 Total	A	20			1201214	Ecology & Environment	MS/MSD
12A0882-04	Copper 6010 Total	A	21			1201214	Ecology & Environment	MS/MSD
12A0882-04	Iron 6010 Total	A	22			1201214	Ecology & Environment	MS/MSD
12A0882-04	Lead 6010 Total	A	23			1201214	Ecology & Environment	MS/MSD

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-04	Magnesium 6010 Total	A	24			1201214	Ecology & Environment	MS/MSD
12A0882-04	Manganese 6010 Total	A	25			1201214	Ecology & Environment	MS/MSD
12A0882-04	Nickel 6010 Total	A	26			1201214	Ecology & Environment	MS/MSD
12A0882-04	Potassium 6010 Total	A	27			1201214	Ecology & Environment	MS/MSD
12A0882-04	Selenium 6010 Total	A	28			1201214	Ecology & Environment	MS/MSD
12A0882-04	Silver 6010 Total	A	29			1201214	Ecology & Environment	MS/MSD
12A0882-04	Sodium 6010 Total	A	30			1201214	Ecology & Environment	MS/MSD
12A0882-04	Thallium 6010 Total	A	31			1201214	Ecology & Environment	MS/MSD
12A0882-04	Vanadium 6010 Total	A	32			1201214	Ecology & Environment	MS/MSD
12A0882-04	Zinc 6010 Total	A	33			1201214	Ecology & Environment	MS/MSD
B045655-DUP1	QC		34					
B045655-MS1	QC		35					
B045655-MSD1	QC		36					
B045655-BLK1	QC		37					
S001752-CCV4	QC		38		1201230	1201214		
S001752-CCV5	QC		39		1112208	1201214		
S001752-CCV6	QC		40		1202019	1201214		
S001752-CCB2	QC		41		1201085	1201214		
B045655-BS2	QC		42					
12A0882-01	Aluminum 6010 Total	A	43			1201214	Ecology & Environment	
12A0882-01	Antimony 6010 Total	A	44			1201214	Ecology & Environment	
12A0882-01	Arsenic 6010 Total	A	45			1201214	Ecology & Environment	
12A0882-01	Barium 6010 Total	A	46			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-01	Beryllium 6010 Total	A	47			1201214	Ecology & Environment	
12A0882-01	Cadmium 6010 Total	A	48			1201214	Ecology & Environment	
12A0882-01	Chromium 6010 Total	A	49			1201214	Ecology & Environment	
12A0882-01	Calcium 6010 Total	A	50			1201214	Ecology & Environment	
12A0882-01	Cobalt 6010 Total	A	51			1201214	Ecology & Environment	
12A0882-01	Copper 6010 Total	A	52			1201214	Ecology & Environment	
12A0882-01	Iron 6010 Total	A	53			1201214	Ecology & Environment	
12A0882-01	Lead 6010 Total	A	54			1201214	Ecology & Environment	
12A0882-01	Magnesium 6010 Total	A	55			1201214	Ecology & Environment	
12A0882-01	Manganese 6010 Total	A	56			1201214	Ecology & Environment	
12A0882-01	Nickel 6010 Total	A	57			1201214	Ecology & Environment	
12A0882-01	Potassium 6010 Total	A	58			1201214	Ecology & Environment	
12A0882-01	Selenium 6010 Total	A	59			1201214	Ecology & Environment	
12A0882-01	Silver 6010 Total	A	60			1201214	Ecology & Environment	
12A0882-01	Sodium 6010 Total	A	61			1201214	Ecology & Environment	
12A0882-01	Thallium 6010 Total	A	62			1201214	Ecology & Environment	
12A0882-01	Vanadium 6010 Total	A	63			1201214	Ecology & Environment	
12A0882-01	Zinc 6010 Total	A	64			1201214	Ecology & Environment	
12A0882-02	Aluminum 6010 Total	A	65			1201214	Ecology & Environment	
12A0882-02	Antimony 6010 Total	A	66			1201214	Ecology & Environment	
12A0882-02	Arsenic 6010 Total	A	67			1201214	Ecology & Environment	
12A0882-02	Barium 6010 Total	A	68			1201214	Ecology & Environment	
12A0882-02	Beryllium 6010 Total	A	69			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-02	Cadmium 6010 Total	A	70			1201214	Ecology & Environment	
12A0882-02	Calcium 6010 Total	A	71			1201214	Ecology & Environment	
12A0882-02	Chromium 6010 Total	A	72			1201214	Ecology & Environment	
12A0882-02	Cobalt 6010 Total	A	73			1201214	Ecology & Environment	
12A0882-02	Copper 6010 Total	A	74			1201214	Ecology & Environment	
12A0882-02	Iron 6010 Total	A	75			1201214	Ecology & Environment	
12A0882-02	Lead 6010 Total	A	76			1201214	Ecology & Environment	
12A0882-02	Magnesium 6010 Total	A	77			1201214	Ecology & Environment	
12A0882-02	Manganese 6010 Total	A	78			1201214	Ecology & Environment	
12A0882-02	Nickel 6010 Total	A	79			1201214	Ecology & Environment	
12A0882-02	Potassium 6010 Total	A	80			1201214	Ecology & Environment	
12A0882-02	Selenium 6010 Total	A	81			1201214	Ecology & Environment	
12A0882-02	Silver 6010 Total	A	82			1201214	Ecology & Environment	
12A0882-02	Sodium 6010 Total	A	83			1201214	Ecology & Environment	
12A0882-02	Thallium 6010 Total	A	84			1201214	Ecology & Environment	
12A0882-02	Vanadium 6010 Total	A	85			1201214	Ecology & Environment	
12A0882-02	Zinc 6010 Total	A	86			1201214	Ecology & Environment	
12A0882-03	Aluminum 6010 Total	A	87			1201214	Ecology & Environment	
12A0882-03	Antimony 6010 Total	A	88			1201214	Ecology & Environment	
12A0882-03	Arsenic 6010 Total	A	89			1201214	Ecology & Environment	
12A0882-03	Barium 6010 Total	A	90			1201214	Ecology & Environment	
12A0882-03	Beryllium 6010 Total	A	91			1201214	Ecology & Environment	
12A0882-03	Cadmium 6010 Total	A	92			1201214	Ecology & Environment	

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0882-03	Calcium 6010 Total	A	93			1201214	Ecology & Environment	
12A0882-03	Chromium 6010 Total	A	94			1201214	Ecology & Environment	
12A0882-03	Cobalt 6010 Total	A	95			1201214	Ecology & Environment	
12A0882-03	Copper 6010 Total	A	96			1201214	Ecology & Environment	
12A0882-03	Iron 6010 Total	A	97			1201214	Ecology & Environment	
12A0882-03	Lead 6010 Total	A	98			1201214	Ecology & Environment	
12A0882-03	Magnesium 6010 Total	A	99			1201214	Ecology & Environment	
12A0882-03	Manganese 6010 Total	A	100			1201214	Ecology & Environment	
12A0882-03	Nickel 6010 Total	A	101			1201214	Ecology & Environment	
12A0882-03	Potassium 6010 Total	A	102			1201214	Ecology & Environment	
12A0882-03	Selenium 6010 Total	A	103			1201214	Ecology & Environment	
12A0882-03	Silver 6010 Total	A	104			1201214	Ecology & Environment	
12A0882-03	Sodium 6010 Total	A	105			1201214	Ecology & Environment	
12A0882-03	Thallium 6010 Total	A	106			1201214	Ecology & Environment	
12A0882-03	Vanadium 6010 Total	A	107			1201214	Ecology & Environment	
12A0882-03	Zinc 6010 Total	A	108			1201214	Ecology & Environment	
S001752-CCV7	QC		109		1201230	1201214		
S001752-CCV8	QC		110		1112208	1201214		
S001752-CCV9	QC		111		1202019	1201214		
S001752-CCB3	QC		112		1201085	1201214		
S001752-IFA2	QC		113		1201013	1201214		
S001752-IFB2	QC		114		1201014	1201214		

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001752

Instrument: ICP2

Calibnration ID: UNASSIGNED

Printed: 2/7/2012 12:10:01PM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 02/01/12 09:10 | B045655 | **Printed: 2/6/2012 12:38:48PM**

Matrix: Soil

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 3050B

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B045655-BLK1	Blank	1	50		|	
B045655-BS1	LCS	0.5005	50		500.5 |	
B045655-BS2	LCS	1.0624	50		250 |	
B045655-BSD1	LCS Dup	0.5023	50		502.3 |	
B045655-DUP1	Duplicate [12A0882-04]	1.0212	50		|	
B045655-MS1	Matrix Spike [12A0882-04]	1.0256	50		1000 |	
B045655-MSD1	Matrix Spike Dup [12A0882-04]	1.0064	50		1000 |	
12A0882-01	FPC-SB01	1.0415	50	02/06/12	Ecology & Environment	
12A0882-02	FPC-SB02	1.019	50	02/06/12	Ecology & Environment	
12A0882-03	FPC-SB02/D	1.0347	50	02/06/12	Ecology & Environment	
12A0882-04	FPC-SB03	1.0264	50	02/06/12	Ecology & Environment	MS/MSD

Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se
Ag																	

Standard(s):

1109111	SRM D072-540	500.5 uL 502.3 uL
1110211	QC Standard 26 metals	1000 uL
1112072	RLV Lead Spike	250 uL

Standard ID#	Description	Manufacture Lot#
1107202	Hydrochloric Acid 36.5-38%	K12046
1112049	Hydrogen Peroxide 30%	51147124
1112252	Nitric Acid 69-70%	RR1-307

Sr. 2 @ 94.6C 2/1/12 by SAJ/ AEW
Scale 2
w/b045369
Eppen# 4035696

BOTTLED WATER

Spike Witness Anne 2/1/12

SAJ 2/1/12
Prepared By Date

AMP 2/6/12
Preparation Reviewed By Date

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
Calib Blank 1	Y		%		2/6/2012	10:29:04 AM	5926476	1			
Calib Blank 1	Y		%		2/6/2012	10:27:51 AM	419750	1			
Calib Blank 1	Ag		mg/L		2/6/2012	10:29:06 AM	-27067	1			
Calib Blank 1	Al		mg/L		2/6/2012	10:27:51 AM	-286	4			
Calib Blank 1	As		mg/L		2/6/2012	10:29:27 AM	-18	17			
Calib Blank 1	Ba		mg/L		2/6/2012	10:29:27 AM	116	12			
Calib Blank 1	Be		mg/L		2/6/2012	10:28:11 AM	736	2			
Calib Blank 1	Ca		mg/L		2/6/2012	10:28:11 AM	1733	0			
Calib Blank 1	Cd		mg/L		2/6/2012	10:29:27 AM	244	2			
Calib Blank 1	Cr		mg/L		2/6/2012	10:29:06 AM	74	27			
Calib Blank 1	Co		mg/L		2/6/2012	10:29:27 AM	-472	2			
Calib Blank 1	Cu		mg/L		2/6/2012	10:29:06 AM	229	43			
Calib Blank 1	Na		mg/L		2/6/2012	10:27:51 AM	3101	3			
Calib Blank 1	Fe		mg/L		2/6/2012	10:28:11 AM	-53	10			
Calib Blank 1	K		mg/L		2/6/2012	10:27:51 AM	2727	2			
Calib Blank 1	Ni		mg/L		2/6/2012	10:29:27 AM	-293	2			
Calib Blank 1	Mg		mg/L		2/6/2012	10:28:11 AM	-106	3			
Calib Blank 1	Mn		mg/L		2/6/2012	10:28:11 AM	-25	29			
Calib Blank 1	Pb		mg/L		2/6/2012	10:29:27 AM	74	5			
Calib Blank 1	Sb		mg/L		2/6/2012	10:29:27 AM	290	2			
Calib Blank 1	Se		mg/L		2/6/2012	10:29:27 AM	5	121			
Calib Blank 1	Ti		mg/L		2/6/2012	10:27:51 AM	-1375	6			
Calib Blank 1	Tl		mg/L		2/6/2012	10:29:06 AM	-53	76			
Calib Blank 1	V		mg/L		2/6/2012	10:29:06 AM	2313	5			
Calib Blank 1	Zn		mg/L		2/6/2012	10:29:27 AM	28	22			
S1-17	Y		%		2/6/2012	10:32:19 AM	5779342	0			
S1-17	Y		%		2/6/2012	10:32:00 AM	410496	1			
S1-17	Al		mg/L		2/6/2012	10:32:00 AM	93798	0			
S1-17	As		mg/L		2/6/2012	10:32:21 AM	25478	2			
S1-17	Ba		mg/L		2/6/2012	10:32:19 AM	2237364	0			
S1-17	Be		mg/L		2/6/2012	10:31:57 AM	7707752	2			
S1-17	Cd		mg/L		2/6/2012	10:32:19 AM	1039895	0			
S1-17	Cr		mg/L		2/6/2012	10:32:19 AM	1080155	0			
S1-17	Co		mg/L		2/6/2012	10:32:19 AM	1370714	0			
S1-17	Cu		mg/L		2/6/2012	10:32:19 AM	2269000	0			
S1-17	Fe		mg/L		2/6/2012	10:32:00 AM	21891	1			
S1-17	Ni		mg/L		2/6/2012	10:32:19 AM	298600	0			
S1-17	Mn		mg/L		2/6/2012	10:32:00 AM	205142	1			
S1-17	Pb		mg/L		2/6/2012	10:32:21 AM	94360	2			
S1-17	Sb		mg/L		2/6/2012	10:32:21 AM	57535	4			
S1-17	Se		mg/L		2/6/2012	10:32:21 AM	20648	2			
S1-17	Tl		mg/L		2/6/2012	10:32:19 AM	122415	0			
S1-17	V		mg/L		2/6/2012	10:32:19 AM	3494339	0			
S1-17	Zn		mg/L		2/6/2012	10:32:19 AM	1125790	0			
S2	Y		%		2/6/2012	10:36:05 AM	5896747	0			
S2	Y		%		2/6/2012	10:35:50 AM	410923	1			
S2	Ag		mg/L		2/6/2012	10:36:05 AM	3698666	0			
S4-SALT	Y		%		2/6/2012	10:42:34 AM	5645353	0			
S4-SALT	Y		%		2/6/2012	10:42:17 AM	402262	0			
S4-SALT	Ca		mg/L		2/6/2012	10:42:17 AM	146083	0			
S4-SALT	Na		mg/L		2/6/2012	10:42:17 AM	172374	0			
S4-SALT	K		mg/L		2/6/2012	10:42:17 AM	113967	0			
S4-SALT	Mg		mg/L		2/6/2012	10:42:17 AM	71254	0			
SEQ-ICV	Y		%		2/6/2012	10:48:15 AM	5753702	1			
SEQ-ICV	Y		%		2/6/2012	10:47:01 AM	399941	0			
SEQ-ICV	Ag	1.0264	mg/L	103	2/6/2012	10:48:17 AM	379638	1	1.0321	1.0178	1.0294
SEQ-ICV	Al	1.0478	mg/L	105	2/6/2012	10:47:01 AM	9824	1	1.0387	1.0459	1.0590
SEQ-ICV	As	1.0262	mg/L	103	2/6/2012	10:48:38 AM	2593	1	1.0170	1.0327	1.0289
SEQ-ICV	Ba	1.0240	mg/L	102	2/6/2012	10:48:17 AM	229111	1	1.0315	1.0170	1.0235
SEQ-ICV	Be	1.0549	mg/L	105	2/6/2012	10:47:01 AM	813054	1	1.0423	1.0619	1.0604
SEQ-ICV	Ca	1.0567	mg/L	106	2/6/2012	10:47:21 AM	15437	0	1.0556	1.0595	1.0551
SEQ-ICV	Cd	1.0521	mg/L	105	2/6/2012	10:48:17 AM	109412	1	1.0621	1.0420	1.0523
SEQ-ICV	Cr	1.0188	mg/L	102	2/6/2012	10:48:17 AM	110046	1	1.0203	1.0123	1.0238
SEQ-ICV	Co	1.0167	mg/L	102	2/6/2012	10:48:17 AM	139360	1	1.0240	1.0092	1.0169
SEQ-ICV	Cu	0.9979	mg/L	100	2/6/2012	10:48:17 AM	226423	1	1.0085	0.9888	0.9964
SEQ-ICV	Na	1.0840	mg/L	108	2/6/2012	10:47:01 AM	18685	2	1.0682	1.1032	1.0806
SEQ-ICV	Fe	1.0891	mg/L	109	2/6/2012	10:47:21 AM	2384	1	1.0820	1.0959	1.0894
SEQ-ICV	K	10.0338	mg/L	100	2/6/2012	10:47:01 AM	22870	1	9.9520	10.1039	10.0453
SEQ-ICV	Ni	1.0193	mg/L	102	2/6/2012	10:48:17 AM	30435	1	1.0206	1.0113	1.0260
SEQ-ICV	Mg	1.0934	mg/L	109	2/6/2012	10:47:21 AM	7791	0	1.0887	1.0972	1.0944
SEQ-ICV	Mn	1.0881	mg/L	109	2/6/2012	10:47:21 AM	22321	0	1.0855	1.0917	1.0871
SEQ-ICV	Pb	0.9993	mg/L	100	2/6/2012	10:48:17 AM	9430	1	1.0026	0.9927	1.0027
SEQ-ICV	Sb	1.0051	mg/L	101	2/6/2012	10:48:38 AM	5932	3	0.9728	1.0138	1.0287

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-ICV	Se	1.0224	mg/L	102	2/6/2012	10:48:38 AM	2111	1	1.0098	1.0272	1.0302
SEQ-ICV	Ti	1.0310	mg/L	103	2/6/2012	10:47:01 AM	37598	1	1.0171	1.0344	1.0414
SEQ-ICV	Tl	0.9953	mg/L	100	2/6/2012	10:48:17 AM	12184	2	1.0163	0.9839	0.9856
SEQ-ICV	V	1.0358	mg/L	104	2/6/2012	10:48:17 AM	361947	1	1.0444	1.0274	1.0357
SEQ-ICV	Zn	1.0352	mg/L	104	2/6/2012	10:48:17 AM	116687	1	1.0431	1.0264	1.0361
SEQ-CCB	Y		%		2/6/2012	10:57:01 AM	5924221	1			
SEQ-CCB	Y		%		2/6/2012	10:55:47 AM	415462	1			
SEQ-CCB	Ag	0.0013	mg/L		2/6/2012	10:57:03 AM	492	105	0.0005	0.0029	0.0005
SEQ-CCB	Al	-0.0032	mg/L		2/6/2012	10:55:47 AM	-30	170	-0.0038	-0.0085	0.0025
SEQ-CCB	As	-0.0015	mg/L		2/6/2012	10:57:23 AM	-4	26	-0.0012	-0.0019	-0.0014
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	10:57:23 AM	-17	22	-0.0001	-0.0001	-0.0001
SEQ-CCB	Be	-0.0001	mg/L		2/6/2012	10:56:07 AM	-60	38	0.0000	-0.0001	-0.0001
SEQ-CCB	Ca	0.0023	mg/L		2/6/2012	10:56:07 AM	33	26	0.0028	0.0024	0.0016
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	10:57:23 AM	-3	230	0.0000	0.0000	-0.0001
SEQ-CCB	Cr	-0.0002	mg/L		2/6/2012	10:57:03 AM	-20	50	-0.0002	-0.0001	-0.0003
SEQ-CCB	Co	-0.0001	mg/L		2/6/2012	10:57:23 AM	-20	38	-0.0001	-0.0001	-0.0002
SEQ-CCB	Cu	0.0001	mg/L		2/6/2012	10:57:03 AM	27	276	0.0001	0.0005	-0.0002
SEQ-CCB	Na	0.0020	mg/L		2/6/2012	10:55:47 AM	35	187	-0.0011	0.0009	0.0062
SEQ-CCB	Fe	0.0019	mg/L		2/6/2012	10:56:07 AM	4	34	0.0021	0.0023	0.0011
SEQ-CCB	K	0.0856	mg/L		2/6/2012	10:55:47 AM	195	30	0.0737	0.1151	0.0680
SEQ-CCB	Ni	-0.0005	mg/L		2/6/2012	10:57:23 AM	-14	81	-0.0001	-0.0004	-0.0009
SEQ-CCB	Mg	-0.0012	mg/L		2/6/2012	10:56:07 AM	-9	49	-0.0005	-0.0016	-0.0016
SEQ-CCB	Mn	0.0002	mg/L		2/6/2012	10:56:07 AM	3	85	0.0003	0.0000	0.0001
SEQ-CCB	Pb	0.0004	mg/L		2/6/2012	10:57:23 AM	4	207	0.0006	0.0010	-0.0005
SEQ-CCB	Sb	-0.0062	mg/L		2/6/2012	10:57:23 AM	-36	18	-0.0049	-0.0071	-0.0067
SEQ-CCB	Se	0.0002	mg/L		2/6/2012	10:57:23 AM	0	2836	-0.0047	0.0012	0.0039
SEQ-CCB	Ti	0.0010	mg/L		2/6/2012	10:55:47 AM	36	56	0.0016	0.0006	0.0008
SEQ-CCB	Tl	0.0014	mg/L		2/6/2012	10:57:03 AM	17	275	-0.0029	0.0042	0.0027
SEQ-CCB	V	-0.0001	mg/L		2/6/2012	10:57:03 AM	-42	235	-0.0003	-0.0003	0.0002
SEQ-CCB	Zn	0.0000	mg/L		2/6/2012	10:57:23 AM	5	212	0.0001	0.0000	0.0000
SEQ-LCV	Y		%		2/6/2012	11:01:54 AM	5894296	2			
SEQ-LCV	Y		%		2/6/2012	11:00:41 AM	423364	1			
SEQ-LCV	Ag	0.0051	mg/L	102	2/6/2012	11:01:57 AM	1888	15	0.0052	0.0058	0.0043
SEQ-LCV	Al	0.0535	mg/L	107	2/6/2012	11:00:41 AM	502	7	0.0490	0.0567	0.0547
SEQ-LCV	As	0.0095	mg/L	95	2/6/2012	11:02:17 AM	24	5	0.0090	0.0097	0.0098
SEQ-LCV	Ba	0.0524	mg/L	105	2/6/2012	11:01:57 AM	11726	2	0.0518	0.0520	0.0535
SEQ-LCV	Be	0.0039	mg/L	97	2/6/2012	11:00:41 AM	2993	2	0.0038	0.0039	0.0040
SEQ-LCV	Ca	0.1555	mg/L	104	2/6/2012	11:00:41 AM	2272	3	0.1557	0.1514	0.1596
SEQ-LCV	Cd	0.0044	mg/L	109	2/6/2012	11:02:17 AM	454	3	0.0043	0.0042	0.0045
SEQ-LCV	Cr	0.0100	mg/L	100	2/6/2012	11:01:57 AM	1083	2	0.0099	0.0100	0.0102
SEQ-LCV	Co	0.0508	mg/L	102	2/6/2012	11:01:57 AM	6961	1	0.0502	0.0509	0.0513
SEQ-LCV	Cu	0.0102	mg/L	102	2/6/2012	11:01:57 AM	2324	3	0.0103	0.0099	0.0106
SEQ-LCV	Na	0.0006	mg/L		2/6/2012	11:00:41 AM	11	1078	0.0063	0.0024	-0.0068
SEQ-LCV	Fe	0.0561	mg/L	112	2/6/2012	11:01:01 AM	123	2	0.0545	0.0566	0.0571
SEQ-LCV	K	0.0279	mg/L		2/6/2012	11:00:41 AM	64	152	0.0519	0.0530	-0.0210
SEQ-LCV	Ni	0.0100	mg/L	100	2/6/2012	11:02:17 AM	298	3	0.0100	0.0103	0.0097
SEQ-LCV	Mg	0.1544	mg/L	103	2/6/2012	11:01:01 AM	1100	1	0.1559	0.1536	0.1536
SEQ-LCV	Mn	0.0104	mg/L	104	2/6/2012	11:01:01 AM	214	1	0.0104	0.0105	0.0104
SEQ-LCV	Pb	0.0096	mg/L	96	2/6/2012	11:02:17 AM	91	4	0.0092	0.0097	0.0100
SEQ-LCV	Sb	0.0444	mg/L	89	2/6/2012	11:02:17 AM	257	6	0.0441	0.0420	0.0472
SEQ-LCV	Se	0.0522	mg/L	104	2/6/2012	11:02:17 AM	108	1	0.0527	0.0516	0.0524
SEQ-LCV	Ti	0.1039	mg/L	104	2/6/2012	11:00:41 AM	3789	2	0.1019	0.1049	0.1049
SEQ-LCV	Tl	0.0536	mg/L	107	2/6/2012	11:01:57 AM	656	2	0.0550	0.0530	0.0528
SEQ-LCV	V	0.0101	mg/L	101	2/6/2012	11:01:57 AM	3541	3	0.0098	0.0102	0.0104
SEQ-LCV	Zn	0.0199	mg/L	99	2/6/2012	11:02:17 AM	2241	2	0.0198	0.0196	0.0202
LowLvl Na & K	Y		%		2/6/2012	11:05:44 AM	5795247	1			
LowLvl Na & K	Y		%		2/6/2012	11:04:30 AM	412351	3			
LowLvl Na & K	Ag	0.0003	mg/L		2/6/2012	11:05:46 AM	128	504	0.0009	-0.0016	0.0017
LowLvl Na & K	Al	-0.0041	mg/L		2/6/2012	11:04:30 AM	-38	221	-0.0139	0.0038	-0.0021
LowLvl Na & K	As	-0.0002	mg/L		2/6/2012	11:06:07 AM	-1	419	0.0006	0.0000	-0.0013
LowLvl Na & K	Ba	0.0000	mg/L		2/6/2012	11:06:07 AM	-8	249	0.0001	-0.0001	-0.0001
LowLvl Na & K	Be	-0.0002	mg/L		2/6/2012	11:04:51 AM	-122	12	-0.0002	-0.0001	-0.0001
LowLvl Na & K	Ca	0.0000	mg/L		2/6/2012	11:04:51 AM	-1	8930	-0.0028	-0.0010	0.0036
LowLvl Na & K	Cd	0.0000	mg/L		2/6/2012	11:06:07 AM	1	1074	0.0000	0.0001	-0.0001
LowLvl Na & K	Cr	-0.0002	mg/L		2/6/2012	11:05:46 AM	-20	69	-0.0003	-0.0002	-0.0001
LowLvl Na & K	Co	-0.0002	mg/L		2/6/2012	11:06:07 AM	-32	41	-0.0001	-0.0003	-0.0003
LowLvl Na & K	Cu	0.0006	mg/L		2/6/2012	11:05:46 AM	134	55	0.0002	0.0008	0.0007
LowLvl Na & K	Na	2.0115	mg/L	101	2/6/2012	11:04:30 AM	34674	1	1.9849	2.0152	2.0345
LowLvl Na & K	Fe	0.0051	mg/L		2/6/2012	11:04:51 AM	11	39	0.0071	0.0052	0.0031
LowLvl Na & K	K	2.1339	mg/L	107	2/6/2012	11:04:30 AM	4864	3	2.0684	2.1323	2.2010
LowLvl Na & K	Ni	-0.0005	mg/L		2/6/2012	11:06:07 AM	-15	44	-0.0006	-0.0003	-0.0007
LowLvl Na & K	Mg	0.0010	mg/L		2/6/2012	11:04:51 AM	7	108	0.0020	-0.0002	0.0013
LowLvl Na & K	Mn	-0.0003	mg/L		2/6/2012	11:04:51 AM	-6	18	-0.0003	-0.0003	-0.0002

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
LowLvl Na & K	Pb	0.0002	mg/L		2/6/2012	11:06:07 AM	1	270	0.0003	0.0005	-0.0003
LowLvl Na & K	Sb	-0.0106	mg/L		2/6/2012	11:06:07 AM	-61	35	-0.0103	-0.0071	-0.0144
LowLvl Na & K	Se	-0.0016	mg/L		2/6/2012	11:06:07 AM	-3	169	0.0014	-0.0040	-0.0024
LowLvl Na & K	Ti	0.0010	mg/L		2/6/2012	11:04:30 AM	36	169	0.0029	0.0001	-0.0001
LowLvl Na & K	Tl	0.0002	mg/L		2/6/2012	11:05:46 AM	3	1595	-0.0007	0.0039	-0.0026
LowLvl Na & K	V	0.0001	mg/L		2/6/2012	11:05:46 AM	22	677	-0.0003	0.0005	0.0000
LowLvl Na & K	Zn	-0.0005	mg/L		2/6/2012	11:06:07 AM	-55	6	-0.0005	-0.0005	-0.0005
SEQ-CCV 17	Y		%		2/6/2012	11:12:37 AM	5844381	0			
SEQ-CCV 17	Y		%		2/6/2012	11:11:18 AM	411258	0			
SEQ-CCV 17	Ag	-0.0081	mg/L		2/6/2012	11:12:39 AM	-2989	6	-0.0085	-0.0082	-0.0075
SEQ-CCV 17	Al	5.1151	mg/L	102	2/6/2012	11:11:18 AM	47929	1	5.0777	5.1293	5.1383
SEQ-CCV 17	As	5.0756	mg/L	102	2/6/2012	11:12:39 AM	12828	0	5.0766	5.0695	5.0808
SEQ-CCV 17	Ba	5.1188	mg/L	102	2/6/2012	11:12:37 AM	1145259	0	5.1246	5.1223	5.1096
SEQ-CCV 17	Be	5.1542	mg/L	103	2/6/2012	11:11:18 AM	3972712	0	5.1345	5.1502	5.1779
SEQ-CCV 17	Ca	0.0122	mg/L		2/6/2012	11:11:39 AM	178	4	0.0123	0.0117	0.0125
SEQ-CCV 17	Cd	5.1489	mg/L	103	2/6/2012	11:12:37 AM	535434	0	5.1577	5.1497	5.1394
SEQ-CCV 17	Cr	5.0564	mg/L	101	2/6/2012	11:12:37 AM	546167	0	5.0422	5.0635	5.0634
SEQ-CCV 17	Co	5.0782	mg/L	102	2/6/2012	11:12:37 AM	696073	0	5.0823	5.0836	5.0687
SEQ-CCV 17	Cu	5.0274	mg/L	101	2/6/2012	11:12:37 AM	1140718	0	5.0191	5.0300	5.0331
SEQ-CCV 17	Na	0.0039	mg/L		2/6/2012	11:11:18 AM	68	119	0.0001	0.0092	0.0025
SEQ-CCV 17	Fe	5.0830	mg/L	102	2/6/2012	11:11:39 AM	11127	0	5.0792	5.1070	5.0628
SEQ-CCV 17	K	0.0448	mg/L		2/6/2012	11:11:18 AM	102	47	0.0207	0.0569	0.0568
SEQ-CCV 17	Ni	5.0128	mg/L	100	2/6/2012	11:12:39 AM	149683	1	4.9643	5.0222	5.0519
SEQ-CCV 17	Mg	-0.0062	mg/L		2/6/2012	11:11:39 AM	-44	20	-0.0076	-0.0052	-0.0057
SEQ-CCV 17	Mn	5.1036	mg/L	102	2/6/2012	11:11:18 AM	104696	0	5.0846	5.0983	5.1278
SEQ-CCV 17	Pb	4.9407	mg/L	99	2/6/2012	11:12:39 AM	46620	1	4.9003	4.9515	4.9704
SEQ-CCV 17	Sb	5.2989	mg/L	106	2/6/2012	11:12:39 AM	31228	2	5.1776	5.3027	5.4163
SEQ-CCV 17	Se	5.0008	mg/L	100	2/6/2012	11:13:00 AM	10325	1	5.0157	5.0165	4.9703
SEQ-CCV 17	Ti	0.0015	mg/L		2/6/2012	11:11:39 AM	55	41	0.0019	0.0008	0.0018
SEQ-CCV 17	Tl	5.0441	mg/L	101	2/6/2012	11:12:39 AM	61747	0	5.0348	5.0412	5.0561
SEQ-CCV 17	V	5.0525	mg/L	101	2/6/2012	11:12:37 AM	1765514	0	5.0530	5.0580	5.0465
SEQ-CCV 17	Zn	5.1015	mg/L	102	2/6/2012	11:12:37 AM	575047	0	5.1117	5.1091	5.0836
SEQ-CCV AG	Y		%		2/6/2012	11:18:21 AM	6006445	1			
SEQ-CCV AG	Y		%		2/6/2012	11:17:07 AM	414911	1			
SEQ-CCV AG	Ag	2.0448	mg/L	102	2/6/2012	11:18:21 AM	756317	0	2.0406	2.0423	2.0517
SEQ-CCV AG	Al	-0.0069	mg/L		2/6/2012	11:17:07 AM	-65	128	-0.0062	0.0016	-0.0161
SEQ-CCV AG	As	0.0021	mg/L		2/6/2012	11:18:44 AM	5	54	0.0028	0.0008	0.0026
SEQ-CCV AG	Ba	0.0011	mg/L		2/6/2012	11:18:44 AM	241	16	0.0013	0.0011	0.0009
SEQ-CCV AG	Be	0.0021	mg/L		2/6/2012	11:17:27 AM	1594	26	0.0027	0.0020	0.0016
SEQ-CCV AG	Ca	0.0107	mg/L		2/6/2012	11:17:27 AM	156	13	0.0116	0.0114	0.0091
SEQ-CCV AG	Cd	0.0012	mg/L		2/6/2012	11:18:44 AM	121	19	0.0014	0.0010	0.0010
SEQ-CCV AG	Cr	0.0011	mg/L		2/6/2012	11:18:24 AM	120	31	0.0014	0.0012	0.0007
SEQ-CCV AG	Co	0.0012	mg/L		2/6/2012	11:18:44 AM	159	24	0.0014	0.0012	0.0009
SEQ-CCV AG	Cu	0.0022	mg/L		2/6/2012	11:18:24 AM	507	6	0.0023	0.0023	0.0021
SEQ-CCV AG	Na	0.0096	mg/L		2/6/2012	11:17:07 AM	166	50	0.0068	0.0069	0.0152
SEQ-CCV AG	Fe	0.0050	mg/L		2/6/2012	11:17:27 AM	11	38	0.0072	0.0041	0.0037
SEQ-CCV AG	K	0.0506	mg/L		2/6/2012	11:17:07 AM	115	81	0.0957	0.0411	0.0150
SEQ-CCV AG	Ni	0.0012	mg/L		2/6/2012	11:18:44 AM	36	31	0.0016	0.0012	0.0009
SEQ-CCV AG	Mg	0.0011	mg/L		2/6/2012	11:17:27 AM	8	119	-0.0004	0.0022	0.0017
SEQ-CCV AG	Mn	0.0019	mg/L		2/6/2012	11:17:27 AM	38	23	0.0021	0.0021	0.0014
SEQ-CCV AG	Pb	0.0018	mg/L		2/6/2012	11:18:44 AM	17	13	0.0015	0.0020	0.0018
SEQ-CCV AG	Sb	0.0659	mg/L		2/6/2012	11:18:44 AM	379	17	0.0773	0.0647	0.0556
SEQ-CCV AG	Se	0.0011	mg/L		2/6/2012	11:18:44 AM	2	146	0.0010	-0.0005	0.0028
SEQ-CCV AG	Ti	0.0008	mg/L		2/6/2012	11:17:07 AM	29	199	-0.0010	0.0015	0.0020
SEQ-CCV AG	Tl	0.0004	mg/L		2/6/2012	11:18:24 AM	4	1023	0.0012	-0.0037	0.0035
SEQ-CCV AG	V	0.0009	mg/L		2/6/2012	11:18:24 AM	309	42	0.0013	0.0005	0.0008
SEQ-CCV AG	Zn	0.0013	mg/L		2/6/2012	11:18:44 AM	152	19	0.0016	0.0013	0.0011
SEQ-CCV SALT	Y		%		2/6/2012	11:35:54 AM	5744980	1			
SEQ-CCV SALT	Y		%		2/6/2012	11:34:40 AM	412224	0			
SEQ-CCV SALT	Ag	-0.0010	mg/L		2/6/2012	11:35:56 AM	-369	105	-0.0010	-0.0020	0.0001
SEQ-CCV SALT	Al	-0.0035	mg/L		2/6/2012	11:34:40 AM	-3	919	-0.0018	-0.0065	-0.0024
SEQ-CCV SALT	As	-0.0032	mg/L		2/6/2012	11:36:16 AM	-9	27	-0.0024	-0.0043	-0.0028
SEQ-CCV SALT	Ba	0.0003	mg/L		2/6/2012	11:36:16 AM	72	21	0.0003	0.0003	0.0004
SEQ-CCV SALT	Be	0.0000	mg/L		2/6/2012	11:35:00 AM	29	74	0.0000	0.0001	0.0001
SEQ-CCV SALT	Ca	5.1577	mg/L	103	2/6/2012	11:34:40 AM	75345	1	5.1056	5.1692	5.1982
SEQ-CCV SALT	Cd	0.0002	mg/L		2/6/2012	11:36:16 AM	21	45	0.0001	0.0003	0.0002
SEQ-CCV SALT	Cr	0.0000	mg/L		2/6/2012	11:36:16 AM	-1	511	0.0000	0.0000	0.0000
SEQ-CCV SALT	Co	-0.0001	mg/L		2/6/2012	11:36:16 AM	-9	168	0.0000	-0.0002	0.0000
SEQ-CCV SALT	Cu	0.0005	mg/L		2/6/2012	11:35:56 AM	123	67	0.0004	0.0003	0.0010
SEQ-CCV SALT	Na	5.1146	mg/L	102	2/6/2012	11:34:40 AM	88163	1	5.0806	5.1225	5.1407
SEQ-CCV SALT	Fe	0.0110	mg/L		2/6/2012	11:35:00 AM	24	24	0.0095	0.0141	0.0096
SEQ-CCV SALT	K	25.1801	mg/L	101	2/6/2012	11:34:40 AM	57394	1	24.9705	25.2345	25.3353
SEQ-CCV SALT	Ni	-0.0002	mg/L		2/6/2012	11:36:16 AM	-6	172	0.0001	-0.0005	-0.0001

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV SALT	Mg	5.1274	mg/L	103	2/6/2012	11:34:40 AM	36535	1	5.0816	5.1469	5.1538
SEQ-CCV SALT	Mn	0.0001	mg/L		2/6/2012	11:35:00 AM	2	112	0.0000	0.0000	0.0002
SEQ-CCV SALT	Pb	0.0003	mg/L		2/6/2012	11:36:16 AM	3	117	0.0007	0.0003	-0.0001
SEQ-CCV SALT	Sb	-0.0105	mg/L		2/6/2012	11:36:16 AM	-60	15	-0.0101	-0.0123	-0.0091
SEQ-CCV SALT	Se	0.0010	mg/L		2/6/2012	11:36:16 AM	0	1792	-0.0029	0.0042	0.0016
SEQ-CCV SALT	Ti	0.0014	mg/L		2/6/2012	11:34:40 AM	51	61	0.0010	0.0024	0.0008
SEQ-CCV SALT	Tl	0.0061	mg/L		2/6/2012	11:35:56 AM	75	66	0.0031	0.0045	0.0107
SEQ-CCV SALT	V	-0.0019	mg/L		2/6/2012	11:35:56 AM	-658	13	-0.0022	-0.0017	-0.0018
SEQ-CCV SALT	Zn	0.0141	mg/L		2/6/2012	11:36:16 AM	1591	2	0.0145	0.0141	0.0138
SEQ-IFA	Y		%		2/6/2012	11:40:14 AM	5224724	0			
SEQ-IFA	Y		%		2/6/2012	11:39:00 AM	389208	1			
SEQ-IFA	Ag	0.0009	mg/L		2/6/2012	11:40:17 AM	338	212	-0.0012	0.0014	0.0026
SEQ-IFA	Al	272.5823	mg/L	109	2/6/2012	11:38:58 AM	2557298	1	272.3229	269.6774	275.7465
SEQ-IFA	As	-0.0073	mg/L		2/6/2012	11:40:37 AM	-81	3	-0.0067	-0.0069	-0.0083
SEQ-IFA	Ba	0.0180	mg/L		2/6/2012	11:40:37 AM	4027	1	0.0180	0.0181	0.0179
SEQ-IFA	Be	-0.0001	mg/L		2/6/2012	11:39:21 AM	-99	5	-0.0001	-0.0001	-0.0001
SEQ-IFA	Ca	264.0780	mg/L	106	2/6/2012	11:38:58 AM	3857724	1	264.4088	261.5511	266.2741
SEQ-IFA	Cd	0.0016	mg/L		2/6/2012	11:40:37 AM	168	3	0.0017	0.0016	0.0016
SEQ-IFA	Cr	-0.0017	mg/L		2/6/2012	11:40:37 AM	-183	3	-0.0017	-0.0017	-0.0017
SEQ-IFA	Co	-0.0015	mg/L		2/6/2012	11:40:37 AM	-207	5	-0.0015	-0.0016	-0.0014
SEQ-IFA	Cu	-0.0045	mg/L		2/6/2012	11:40:17 AM	-1022	20	-0.0054	-0.0036	-0.0045
SEQ-IFA	Na	0.0405	mg/L		2/6/2012	11:39:00 AM	698	5	0.0425	0.0403	0.0387
SEQ-IFA	Fe	105.3707	mg/L	105	2/6/2012	11:39:00 AM	230670	1	104.5519	105.3696	106.1907
SEQ-IFA	K	0.1781	mg/L		2/6/2012	11:39:00 AM	406	27	0.2336	0.1442	0.1564
SEQ-IFA	Ni	-0.0060	mg/L		2/6/2012	11:40:37 AM	-179	6	-0.0058	-0.0057	-0.0064
SEQ-IFA	Mg	245.4489	mg/L	98	2/6/2012	11:38:58 AM	1748925	1	245.9851	242.3895	247.9723
SEQ-IFA	Mn	0.0067	mg/L		2/6/2012	11:39:21 AM	138	2	0.0066	0.0066	0.0069
SEQ-IFA	Pb	-0.0167	mg/L		2/6/2012	11:40:37 AM	-158	2	-0.0164	-0.0172	-0.0166
SEQ-IFA	Sb	0.0234	mg/L		2/6/2012	11:40:37 AM	134	21	0.0272	0.0250	0.0179
SEQ-IFA	Se	0.0243	mg/L		2/6/2012	11:40:37 AM	-48	20	0.0293	0.0199	0.0238
SEQ-IFA	Ti	0.0061	mg/L		2/6/2012	11:39:21 AM	222	6	0.0063	0.0063	0.0057
SEQ-IFA	Tl	-0.0253	mg/L		2/6/2012	11:40:17 AM	-310	24	-0.0252	-0.0192	-0.0315
SEQ-IFA	V	0.0023	mg/L		2/6/2012	11:40:17 AM	798	6	0.0022	0.0022	0.0024
SEQ-IFA	Zn	0.0133	mg/L		2/6/2012	11:40:37 AM	1495	1	0.0134	0.0133	0.0131
SEQ-IFB	Y		%		2/6/2012	11:45:16 AM	5269487	1			
SEQ-IFB	Y		%		2/6/2012	11:44:20 AM	385514	1			
SEQ-IFB	Ag	1.1503	mg/L	115	2/6/2012	11:45:19 AM	425439	1	1.1606	1.1430	1.1472
SEQ-IFB	Al	273.9533	mg/L	110	2/6/2012	11:44:20 AM	2570170	0	272.8902	274.0829	274.8868
SEQ-IFB	As	-0.0081	mg/L		2/6/2012	11:45:39 AM	-94	3	-0.0080	-0.0095	-0.0069
SEQ-IFB	Ba	0.5623	mg/L	112	2/6/2012	11:45:19 AM	125818	1	0.5679	0.5586	0.5605
SEQ-IFB	Be	0.5787	mg/L	116	2/6/2012	11:44:20 AM	446024	0	0.5787	0.5772	0.5802
SEQ-IFB	Ca	264.0176	mg/L	106	2/6/2012	11:44:20 AM	3856842	1	262.6339	263.8728	265.5462
SEQ-IFB	Cd	1.1613	mg/L	116	2/6/2012	11:45:19 AM	120767	1	1.1722	1.1551	1.1567
SEQ-IFB	Cr	0.5384	mg/L	108	2/6/2012	11:45:19 AM	58153	1	0.5442	0.5319	0.5391
SEQ-IFB	Co	0.5153	mg/L	103	2/6/2012	11:45:19 AM	70630	1	0.5205	0.5121	0.5132
SEQ-IFB	Cu	0.5723	mg/L	114	2/6/2012	11:45:19 AM	129850	1	0.5791	0.5692	0.5685
SEQ-IFB	Na	0.0511	mg/L		2/6/2012	11:44:22 AM	880	7	0.0475	0.0514	0.0542
SEQ-IFB	Fe	104.1150	mg/L	104	2/6/2012	11:44:20 AM	227921	1	103.6763	103.9174	104.7513
SEQ-IFB	K	0.1220	mg/L		2/6/2012	11:44:22 AM	278	5	0.1155	0.1269	0.1234
SEQ-IFB	Ni	0.9933	mg/L	99	2/6/2012	11:45:19 AM	29661	1	1.0017	0.9861	0.9922
SEQ-IFB	Mg	244.5633	mg/L	98	2/6/2012	11:44:20 AM	1742615	0	243.6149	244.7444	245.3306
SEQ-IFB	Mn	0.5547	mg/L	111	2/6/2012	11:44:22 AM	11380	2	0.5412	0.5595	0.5636
SEQ-IFB	Pb	0.9702	mg/L	97	2/6/2012	11:45:39 AM	9155	1	0.9753	0.9655	0.9699
SEQ-IFB	Sb	0.0157	mg/L		2/6/2012	11:45:39 AM	169	8	0.0171	0.0132	0.0167
SEQ-IFB	Se	0.0215	mg/L		2/6/2012	11:45:39 AM	-53	13	0.0205	0.0253	0.0188
SEQ-IFB	Ti	0.0067	mg/L		2/6/2012	11:44:22 AM	243	14	0.0077	0.0065	0.0058
SEQ-IFB	Tl	-0.0211	mg/L		2/6/2012	11:45:19 AM	-258	24	-0.0260	-0.0213	-0.0159
SEQ-IFB	V	0.5551	mg/L	111	2/6/2012	11:45:19 AM	193983	1	0.5613	0.5510	0.5530
SEQ-IFB	Zn	1.0498	mg/L	105	2/6/2012	11:45:19 AM	118268	1	1.0593	1.0404	1.0498
B045369-BS1	Y		%		2/6/2012	11:55:55 AM	5566164	1			
B045369-BS1	Y		%		2/6/2012	11:55:01 AM	387269	1			
B045369-BS1	Ag	0.4101	mg/L		2/6/2012	11:55:58 AM	151666	1	0.4105	0.4123	0.4074
B045369-BS1	Al	79.0754	mg/L		2/6/2012	11:54:59 AM	740929	1	80.0899	78.0853	79.0509
B045369-BS1	As	1.1150	mg/L		2/6/2012	11:56:18 AM	2805	1	1.1207	1.1156	1.1087
B045369-BS1	Ba	2.0775	mg/L		2/6/2012	11:55:58 AM	464807	1	2.0788	2.0936	2.0601
B045369-BS1	Be	0.9584	mg/L		2/6/2012	11:55:01 AM	738710	0	0.9546	0.9607	0.9599
B045369-BS1	Ca	69.5346	mg/L		2/6/2012	11:54:59 AM	1015780	1	70.5049	68.6849	69.4139
B045369-BS1	Cd	0.8457	mg/L		2/6/2012	11:55:58 AM	87944	1	0.8463	0.8533	0.8375
B045369-BS1	Cr	1.1930	mg/L		2/6/2012	11:55:58 AM	128864	1	1.1956	1.2005	1.1830
B045369-BS1	Co	1.3009	mg/L		2/6/2012	11:55:58 AM	178315	1	1.3033	1.3120	1.2874
B045369-BS1	Cu	1.2010	mg/L		2/6/2012	11:55:58 AM	272498	1	1.1995	1.2143	1.1891
B045369-BS1	Na	3.8259	mg/L		2/6/2012	11:55:01 AM	65948	0	3.8177	3.8337	3.8262
B045369-BS1	Fe	121.7332	mg/L		2/6/2012	11:55:01 AM	266489	0	121.4538	122.0479	121.6979

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-BS1	K	31.2822	mg/L		2/6/2012	11:55:01 AM	71303	0	31.3080	31.3591	31.1794
B045369-BS1	Ni	0.7075	mg/L		2/6/2012	11:56:18 AM	21126	0	0.7104	0.7058	0.7063
B045369-BS1	Mg	27.9707	mg/L		2/6/2012	11:55:01 AM	199303	0	27.9219	28.0115	27.9785
B045369-BS1	Mn	3.7129	mg/L		2/6/2012	11:55:01 AM	76168	0	3.7073	3.7194	3.7120
B045369-BS1	Pb	0.7100	mg/L		2/6/2012	11:56:18 AM	6700	1	0.7141	0.7075	0.7084
B045369-BS1	Sb	0.9218	mg/L		2/6/2012	11:56:18 AM	5478	1	0.9306	0.9225	0.9123
B045369-BS1	Se	1.3022	mg/L		2/6/2012	11:56:18 AM	2655	1	1.3098	1.2995	1.2974
B045369-BS1	Ti	2.7795	mg/L		2/6/2012	11:55:01 AM	101364	0	2.7668	2.7835	2.7880
B045369-BS1	Tl	2.6488	mg/L		2/6/2012	11:55:58 AM	32425	1	2.6430	2.6775	2.6259
B045369-BS1	V	0.9033	mg/L		2/6/2012	11:55:58 AM	315643	1	0.9041	0.9101	0.8957
B045369-BS1	Zn	2.8051	mg/L		2/6/2012	11:55:58 AM	315969	1	2.8158	2.8256	2.7739
B045369-BSD1	Y		%		2/6/2012	12:00:48 PM	5476696	1			
B045369-BSD1	Y		%		2/6/2012	11:59:54 AM	382721	1			
B045369-BSD1	Ag	0.4178	mg/L		2/6/2012	12:00:51 PM	154540	1	0.4110	0.4212	0.4213
B045369-BSD1	Al	81.0109	mg/L		2/6/2012	11:59:52 AM	759099	1	80.6213	81.6839	80.7274
B045369-BSD1	As	1.1343	mg/L		2/6/2012	12:01:11 PM	2851	0	1.1363	1.1371	1.1295
B045369-BSD1	Ba	2.1385	mg/L		2/6/2012	12:00:51 PM	478460	1	2.1023	2.1588	2.1544
B045369-BSD1	Be	0.9903	mg/L		2/6/2012	11:59:54 AM	763307	1	0.9798	0.9967	0.9944
B045369-BSD1	Ca	75.0894	mg/L		2/6/2012	11:59:52 AM	1096926	1	74.6951	75.6534	74.9197
B045369-BSD1	Cd	0.9186	mg/L		2/6/2012	12:00:51 PM	95523	2	0.9009	0.9286	0.9262
B045369-BSD1	Cr	1.2521	mg/L		2/6/2012	12:00:51 PM	135251	2	1.2292	1.2632	1.2641
B045369-BSD1	Co	1.3551	mg/L		2/6/2012	12:00:51 PM	185741	2	1.3309	1.3691	1.3653
B045369-BSD1	Cu	1.2910	mg/L		2/6/2012	12:00:51 PM	292921	2	1.2653	1.3062	1.3015
B045369-BSD1	Na	3.9660	mg/L		2/6/2012	11:59:54 AM	68363	1	3.9305	3.9923	3.9751
B045369-BSD1	Fe	123.5116	mg/L		2/6/2012	11:59:54 AM	270383	1	122.1273	124.5693	123.8382
B045369-BSD1	K	31.0760	mg/L		2/6/2012	11:59:54 AM	70833	1	30.7307	31.3570	31.1402
B045369-BSD1	Ni	0.7503	mg/L		2/6/2012	12:01:11 PM	22403	1	0.7460	0.7518	0.7530
B045369-BSD1	Mg	28.2014	mg/L		2/6/2012	11:59:54 AM	200947	1	27.9211	28.3944	28.2889
B045369-BSD1	Mn	3.8328	mg/L		2/6/2012	11:59:54 AM	78628	1	3.7999	3.8578	3.8409
B045369-BSD1	Pb	0.7436	mg/L		2/6/2012	12:01:11 PM	7017	0	0.7418	0.7461	0.7430
B045369-BSD1	Sb	0.9400	mg/L		2/6/2012	12:01:11 PM	5592	0	0.9400	0.9412	0.9388
B045369-BSD1	Se	1.4168	mg/L		2/6/2012	12:01:11 PM	2891	0	1.4136	1.4171	1.4198
B045369-BSD1	Ti	2.8660	mg/L		2/6/2012	11:59:54 AM	104520	1	2.8370	2.8821	2.8789
B045369-BSD1	Tl	2.7171	mg/L		2/6/2012	12:00:51 PM	33261	2	2.6528	2.7562	2.7422
B045369-BSD1	V	0.9395	mg/L		2/6/2012	12:00:51 PM	328284	2	0.9222	0.9492	0.9470
B045369-BSD1	Zn	2.9018	mg/L		2/6/2012	12:00:51 PM	326858	2	2.8515	2.9287	2.9250
12A0882-04	Y		%		2/6/2012	12:15:29 PM	5546118	2			
12A0882-04	Y		%		2/6/2012	12:14:33 PM	393480	0			
12A0882-04	Ag	-0.0030	mg/L		2/6/2012	12:15:32 PM	-1114	13	-0.0030	-0.0034	-0.0027
12A0882-04	Al	146.8363	mg/L		2/6/2012	12:14:33 PM	1376136	0	146.3000	146.7078	147.5012
12A0882-04	As	0.0025	mg/L		2/6/2012	12:15:52 PM	8	12	0.0021	0.0026	0.0028
12A0882-04	Ba	0.2367	mg/L		2/6/2012	12:15:32 PM	52953	1	0.2350	0.2378	0.2373
12A0882-04	Be	-0.0009	mg/L		2/6/2012	12:14:35 PM	-711	8	-0.0010	-0.0008	-0.0010
12A0882-04	Ca	8.4871	mg/L		2/6/2012	12:14:33 PM	123983	0	8.4536	8.4863	8.5215
12A0882-04	Cd	0.0012	mg/L		2/6/2012	12:15:52 PM	129	1	0.0012	0.0012	0.0013
12A0882-04	Cr	0.1136	mg/L		2/6/2012	12:15:52 PM	12272	1	0.1140	0.1144	0.1125
12A0882-04	Co	0.0182	mg/L		2/6/2012	12:15:52 PM	2491	1	0.0182	0.0183	0.0180
12A0882-04	Cu	0.0397	mg/L		2/6/2012	12:15:32 PM	8999	1	0.0393	0.0398	0.0399
12A0882-04	Na	0.7856	mg/L		2/6/2012	12:14:33 PM	13541	0	0.7854	0.7822	0.7891
12A0882-04	Fe	122.7637	mg/L		2/6/2012	12:14:33 PM	268745	0	122.2853	122.5630	123.4428
12A0882-04	K	5.2792	mg/L		2/6/2012	12:14:33 PM	12033	0	5.2746	5.2798	5.2834
12A0882-04	Ni	0.0451	mg/L		2/6/2012	12:15:52 PM	1348	0	0.0451	0.0451	0.0452
12A0882-04	Mg	7.5261	mg/L		2/6/2012	12:14:35 PM	53626	1	7.4672	7.5390	7.5720
12A0882-04	Mn	0.3277	mg/L		2/6/2012	12:14:35 PM	6722	0	0.3266	0.3271	0.3294
12A0882-04	Pb	0.1373	mg/L		2/6/2012	12:15:52 PM	1295	2	0.1374	0.1395	0.1349
12A0882-04	Sb	0.0158	mg/L		2/6/2012	12:15:52 PM	108	5	0.0168	0.0157	0.0150
12A0882-04	Se	-0.0323	mg/L		2/6/2012	12:15:52 PM	-94	11	-0.0299	-0.0289	-0.0382
12A0882-04	Ti	3.1563	mg/L		2/6/2012	12:14:33 PM	115108	1	3.1218	3.1761	3.1711
12A0882-04	Tl	-0.0186	mg/L		2/6/2012	12:15:32 PM	-228	31	-0.0123	-0.0236	-0.0199
12A0882-04	V	0.2108	mg/L		2/6/2012	12:15:32 PM	73664	1	0.2093	0.2112	0.2119
12A0882-04	Zn	0.2375	mg/L		2/6/2012	12:15:52 PM	26752	1	0.2384	0.2394	0.2346
B045369-DUP1	Y		%		2/6/2012	12:20:55 PM	5526884	1			
B045369-DUP1	Y		%		2/6/2012	12:19:59 PM	391295	1			
B045369-DUP1	Ag	-0.0029	mg/L		2/6/2012	12:20:57 PM	-1075	31	-0.0027	-0.0039	-0.0021
B045369-DUP1	Al	131.9868	mg/L		2/6/2012	12:19:59 PM	1236911	0	131.6333	132.2113	132.1158
B045369-DUP1	As	0.0006	mg/L		2/6/2012	12:21:18 PM	3	32	0.0010	0.0004	0.0003
B045369-DUP1	Ba	0.2090	mg/L		2/6/2012	12:20:57 PM	46764	0	0.2080	0.2093	0.2098
B045369-DUP1	Be	-0.0005	mg/L		2/6/2012	12:20:02 PM	-401	9	-0.0006	-0.0005	-0.0005
B045369-DUP1	Ca	8.7055	mg/L		2/6/2012	12:19:59 PM	127172	0	8.6792	8.7179	8.7193
B045369-DUP1	Cd	0.0012	mg/L		2/6/2012	12:21:18 PM	126	2	0.0012	0.0012	0.0012
B045369-DUP1	Cr	0.1001	mg/L		2/6/2012	12:20:57 PM	10807	1	0.0993	0.1005	0.1003
B045369-DUP1	Co	0.0165	mg/L		2/6/2012	12:21:18 PM	2257	1	0.0165	0.0164	0.0166
B045369-DUP1	Cu	0.0366	mg/L		2/6/2012	12:20:57 PM	8296	0	0.0365	0.0366	0.0366

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-DUP1	Na	0.6848	mg/L		2/6/2012	12:19:59 PM	11805	1	0.6864	0.6920	0.6760
B045369-DUP1	Fe	116.8101	mg/L		2/6/2012	12:19:59 PM	255712	0	116.3944	117.2034	116.8327
B045369-DUP1	K	4.4153	mg/L		2/6/2012	12:19:59 PM	10064	1	4.4107	4.4443	4.3910
B045369-DUP1	Ni	0.0404	mg/L		2/6/2012	12:21:18 PM	1206	2	0.0400	0.0398	0.0413
B045369-DUP1	Mg	7.4407	mg/L		2/6/2012	12:20:02 PM	53018	1	7.3886	7.5305	7.4029
B045369-DUP1	Mn	0.3292	mg/L		2/6/2012	12:20:02 PM	6753	1	0.3267	0.3327	0.3282
B045369-DUP1	Pb	0.1127	mg/L		2/6/2012	12:21:18 PM	1063	1	0.1115	0.1131	0.1135
B045369-DUP1	Sb	0.0158	mg/L		2/6/2012	12:21:18 PM	105	17	0.0193	0.0148	0.0132
B045369-DUP1	Se	-0.0224	mg/L		2/6/2012	12:21:18 PM	-73	14	-0.0211	-0.0181	-0.0281
B045369-DUP1	Ti	2.6923	mg/L		2/6/2012	12:19:59 PM	98186	0	2.6843	2.7027	2.6900
B045369-DUP1	Tl	-0.0175	mg/L		2/6/2012	12:20:57 PM	-214	22	-0.0210	-0.0135	-0.0180
B045369-DUP1	V	0.1915	mg/L		2/6/2012	12:20:57 PM	66901	1	0.1902	0.1922	0.1919
B045369-DUP1	Zn	0.2155	mg/L		2/6/2012	12:20:57 PM	24275	0	0.2154	0.2158	0.2152
B045369-MS1	Y		%		2/6/2012	12:25:46 PM	5557526	1			
B045369-MS1	Y		%		2/6/2012	12:24:52 PM	392639	1			
B045369-MS1	Ag	1.9597	mg/L		2/6/2012	12:25:48 PM	724819	1	1.9571	1.9748	1.9472
B045369-MS1	Al	171.4747	mg/L		2/6/2012	12:24:49 PM	1607207	1	171.6727	172.8918	169.8594
B045369-MS1	As	1.9757	mg/L		2/6/2012	12:26:09 PM	4994	1	1.9686	1.9947	1.9638
B045369-MS1	Ba	2.2576	mg/L		2/6/2012	12:25:48 PM	505110	1	2.2527	2.2816	2.2385
B045369-MS1	Be	2.1634	mg/L		2/6/2012	12:24:49 PM	1667505	1	2.1716	2.1890	2.1296
B045369-MS1	Ca	11.0188	mg/L		2/6/2012	12:24:52 PM	160966	1	10.9599	11.0053	11.0912
B045369-MS1	Cd	2.0061	mg/L		2/6/2012	12:25:48 PM	208610	1	2.0041	2.0263	1.9877
B045369-MS1	Cr	2.1172	mg/L		2/6/2012	12:25:48 PM	228692	1	2.1155	2.1322	2.1039
B045369-MS1	Co	1.9750	mg/L		2/6/2012	12:25:48 PM	270716	1	1.9727	1.9961	1.9562
B045369-MS1	Cu	2.0922	mg/L		2/6/2012	12:25:48 PM	474722	1	2.0949	2.1115	2.0701
B045369-MS1	Na	2.8539	mg/L		2/6/2012	12:24:52 PM	49194	1	2.8330	2.8675	2.8612
B045369-MS1	Fe	127.3861	mg/L		2/6/2012	12:24:52 PM	278864	0	126.7476	127.4375	127.9732
B045369-MS1	K	26.0461	mg/L		2/6/2012	12:24:52 PM	59368	1	25.9011	26.0683	26.1689
B045369-MS1	Ni	1.9465	mg/L		2/6/2012	12:25:48 PM	58123	1	1.9435	1.9611	1.9349
B045369-MS1	Mg	10.9007	mg/L		2/6/2012	12:24:52 PM	77672	0	10.8524	10.9137	10.9359
B045369-MS1	Mn	2.3988	mg/L		2/6/2012	12:24:52 PM	49210	0	2.3886	2.3996	2.4082
B045369-MS1	Pb	1.9571	mg/L		2/6/2012	12:26:09 PM	18467	1	1.9491	1.9753	1.9469
B045369-MS1	Sb	1.2271	mg/L		2/6/2012	12:26:09 PM	7370	1	1.2255	1.2411	1.2148
B045369-MS1	Se	1.9102	mg/L		2/6/2012	12:26:09 PM	3915	1	1.9052	1.9288	1.8967
B045369-MS1	Ti	5.1942	mg/L		2/6/2012	12:24:52 PM	189427	0	5.1746	5.1900	5.2180
B045369-MS1	Tl	1.8979	mg/L		2/6/2012	12:25:48 PM	23233	1	1.8900	1.9232	1.8805
B045369-MS1	V	2.2952	mg/L		2/6/2012	12:25:48 PM	802013	1	2.2940	2.3179	2.2736
B045369-MS1	Zn	2.2325	mg/L		2/6/2012	12:25:48 PM	251634	1	2.2275	2.2530	2.2169
B045369-MSD1	Y		%		2/6/2012	12:30:39 PM	5559943	2			
B045369-MSD1	Y		%		2/6/2012	12:29:45 PM	393345	2			
B045369-MSD1	Ag	1.9186	mg/L		2/6/2012	12:30:42 PM	709641	1	1.9359	1.9213	1.8988
B045369-MSD1	Al	162.8370	mg/L		2/6/2012	12:29:43 PM	1526197	3	163.1520	158.3534	167.0055
B045369-MSD1	As	1.9620	mg/L		2/6/2012	12:31:02 PM	4960	1	1.9755	1.9700	1.9405
B045369-MSD1	Ba	2.1926	mg/L		2/6/2012	12:30:42 PM	490567	1	2.2149	2.2009	2.1620
B045369-MSD1	Be	2.0852	mg/L		2/6/2012	12:29:43 PM	1607216	3	2.0875	2.0319	2.1362
B045369-MSD1	Ca	10.6588	mg/L		2/6/2012	12:29:45 PM	155707	1	10.6791	10.5679	10.7294
B045369-MSD1	Cd	1.9860	mg/L		2/6/2012	12:30:42 PM	206523	1	2.0087	1.9954	1.9539
B045369-MSD1	Cr	2.0727	mg/L		2/6/2012	12:30:42 PM	223880	1	2.0948	2.0765	2.0468
B045369-MSD1	Co	1.9511	mg/L		2/6/2012	12:30:42 PM	267443	2	1.9750	1.9615	1.9168
B045369-MSD1	Cu	2.0439	mg/L		2/6/2012	12:30:42 PM	463755	1	2.0616	2.0485	2.0215
B045369-MSD1	Na	2.8239	mg/L		2/6/2012	12:29:45 PM	48677	1	2.8343	2.8037	2.8338
B045369-MSD1	Fe	126.2973	mg/L		2/6/2012	12:29:45 PM	276481	1	126.6093	125.2643	127.0185
B045369-MSD1	K	25.7006	mg/L		2/6/2012	12:29:45 PM	58580	1	25.7665	25.4712	25.8642
B045369-MSD1	Ni	1.9112	mg/L		2/6/2012	12:30:42 PM	57069	2	1.9373	1.9161	1.8803
B045369-MSD1	Mg	10.7539	mg/L		2/6/2012	12:29:45 PM	76626	1	10.7831	10.6772	10.8014
B045369-MSD1	Mn	2.3841	mg/L		2/6/2012	12:29:45 PM	48909	1	2.3930	2.3647	2.3948
B045369-MSD1	Pb	1.9284	mg/L		2/6/2012	12:31:02 PM	18196	1	1.9408	1.9325	1.9118
B045369-MSD1	Sb	1.2203	mg/L		2/6/2012	12:31:02 PM	7325	1	1.2279	1.2267	1.2063
B045369-MSD1	Se	1.9035	mg/L		2/6/2012	12:31:02 PM	3901	1	1.9213	1.9059	1.8832
B045369-MSD1	Ti	5.0304	mg/L		2/6/2012	12:29:45 PM	183455	0	5.0325	5.0116	5.0473
B045369-MSD1	Tl	1.8785	mg/L		2/6/2012	12:30:42 PM	22995	1	1.8970	1.8843	1.8541
B045369-MSD1	V	2.2563	mg/L		2/6/2012	12:30:42 PM	788432	1	2.2804	2.2645	2.2240
B045369-MSD1	Zn	2.2020	mg/L		2/6/2012	12:30:42 PM	248201	2	2.2322	2.2149	2.1590
B045369-BLK1	Y		%		2/6/2012	12:46:15 PM	5810912	0			
B045369-BLK1	Y		%		2/6/2012	12:45:01 PM	420456	2			
B045369-BLK1	Ag	-0.0030	mg/L		2/6/2012	12:46:17 PM	-1095	21	-0.0035	-0.0031	-0.0023
B045369-BLK1	Al	0.0258	mg/L		2/6/2012	12:45:01 PM	242	23	0.0319	0.0200	0.0255
B045369-BLK1	As	-0.0011	mg/L		2/6/2012	12:46:38 PM	-3	36	-0.0007	-0.0014	-0.0013
B045369-BLK1	Ba	0.0002	mg/L		2/6/2012	12:46:38 PM	36	60	0.0003	0.0001	0.0001
B045369-BLK1	Be	0.0004	mg/L		2/6/2012	12:45:21 PM	273	10	0.0004	0.0003	0.0004
B045369-BLK1	Ca	0.0657	mg/L		2/6/2012	12:45:21 PM	960	10	0.0720	0.0664	0.0587
B045369-BLK1	Cd	0.0003	mg/L		2/6/2012	12:46:38 PM	30	30	0.0004	0.0002	0.0002
B045369-BLK1	Cr	0.0002	mg/L		2/6/2012	12:46:17 PM	17	171	0.0002	0.0004	-0.0001

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
B045369-BLK1	Co	-0.0001	mg/L		2/6/2012	12:46:38 PM	-10	170	-0.0002	0.0001	-0.0001
B045369-BLK1	Cu	0.0014	mg/L		2/6/2012	12:46:17 PM	319	13	0.0013	0.0014	0.0016
B045369-BLK1	Na	0.0208	mg/L		2/6/2012	12:45:01 PM	359	65	0.0363	0.0123	0.0138
B045369-BLK1	Fe	0.0365	mg/L		2/6/2012	12:45:21 PM	80	6	0.0377	0.0341	0.0378
B045369-BLK1	K	0.0972	mg/L		2/6/2012	12:45:01 PM	221	31	0.0917	0.1293	0.0704
B045369-BLK1	Ni	0.0001	mg/L		2/6/2012	12:46:38 PM	3	210	-0.0002	0.0002	0.0003
B045369-BLK1	Mg	0.0058	mg/L		2/6/2012	12:45:21 PM	42	1	0.0059	0.0058	0.0058
B045369-BLK1	Mn	0.0008	mg/L		2/6/2012	12:45:21 PM	17	14	0.0010	0.0007	0.0008
B045369-BLK1	Pb	0.0013	mg/L		2/6/2012	12:46:38 PM	12	31	0.0014	0.0015	0.0008
B045369-BLK1	Sb	-0.0133	mg/L		2/6/2012	12:46:38 PM	-77	10	-0.0144	-0.0118	-0.0138
B045369-BLK1	Se	0.0015	mg/L		2/6/2012	12:46:38 PM	3	121	0.0015	-0.0003	0.0033
B045369-BLK1	Ti	0.0025	mg/L		2/6/2012	12:45:01 PM	91	46	0.0036	0.0013	0.0026
B045369-BLK1	Tl	0.0039	mg/L		2/6/2012	12:46:17 PM	48	115	0.0083	-0.0007	0.0041
B045369-BLK1	V	0.0000	mg/L		2/6/2012	12:46:17 PM	-13	801	-0.0002	-0.0003	0.0003
B045369-BLK1	Zn	0.0167	mg/L		2/6/2012	12:46:38 PM	1883	3	0.0173	0.0168	0.0161
SEQ-CCV 17	Y		%		2/6/2012	12:50:50 PM	5831961	1			
SEQ-CCV 17	Y		%		2/6/2012	12:49:31 PM	427578	0			
SEQ-CCV 17	Ag	-0.0083	mg/L		2/6/2012	12:50:52 PM	-3078	8	-0.0083	-0.0090	-0.0077
SEQ-CCV 17	Al	5.1067	mg/L	102	2/6/2012	12:49:31 PM	47850	1	5.0478	5.1271	5.1451
SEQ-CCV 17	As	4.9186	mg/L	98	2/6/2012	12:50:52 PM	12430	1	4.8923	4.9758	4.8877
SEQ-CCV 17	Ba	5.0845	mg/L	102	2/6/2012	12:50:50 PM	1137578	0	5.0890	5.1005	5.0639
SEQ-CCV 17	Be	5.1512	mg/L	103	2/6/2012	12:49:31 PM	3970413	1	5.0945	5.1452	5.2139
SEQ-CCV 17	Ca	0.0086	mg/L		2/6/2012	12:49:51 PM	125	11	0.0080	0.0096	0.0081
SEQ-CCV 17	Cd	5.1379	mg/L	103	2/6/2012	12:50:50 PM	534287	0	5.1448	5.1551	5.1138
SEQ-CCV 17	Cr	4.9450	mg/L	99	2/6/2012	12:50:50 PM	534139	0	4.9441	4.9519	4.9391
SEQ-CCV 17	Co	5.0349	mg/L	101	2/6/2012	12:50:50 PM	690138	0	5.0334	5.0557	5.0156
SEQ-CCV 17	Cu	4.9966	mg/L	100	2/6/2012	12:50:50 PM	1133718	0	5.0084	4.9965	4.9847
SEQ-CCV 17	Na	-0.0088	mg/L		2/6/2012	12:49:31 PM	-151	107	0.0016	-0.0168	-0.0111
SEQ-CCV 17	Fe	5.0208	mg/L	100	2/6/2012	12:49:51 PM	10991	1	4.9884	5.0431	5.0309
SEQ-CCV 17	K	0.0122	mg/L		2/6/2012	12:49:31 PM	28	140	-0.0075	0.0211	0.0230
SEQ-CCV 17	Ni	4.8310	mg/L	97	2/6/2012	12:50:52 PM	144254	1	4.8100	4.8661	4.8169
SEQ-CCV 17	Mg	-0.0065	mg/L		2/6/2012	12:49:51 PM	-46	9	-0.0071	-0.0059	-0.0064
SEQ-CCV 17	Mn	5.0183	mg/L	100	2/6/2012	12:49:31 PM	102947	1	4.9722	5.0231	5.0598
SEQ-CCV 17	Pb	4.7277	mg/L	95	2/6/2012	12:50:52 PM	44611	1	4.7244	4.7627	4.6960
SEQ-CCV 17	Sb	5.1520	mg/L	103	2/6/2012	12:50:52 PM	30366	2	5.0246	5.2174	5.2141
SEQ-CCV 17	Se	4.8914	mg/L	98	2/6/2012	12:51:12 PM	10099	1	4.8748	4.9340	4.8655
SEQ-CCV 17	Ti	0.0031	mg/L		2/6/2012	12:49:51 PM	113	23	0.0027	0.0039	0.0027
SEQ-CCV 17	Tl	5.0163	mg/L	100	2/6/2012	12:50:52 PM	61408	1	5.0113	5.0579	4.9797
SEQ-CCV 17	V	5.0066	mg/L	100	2/6/2012	12:50:50 PM	1749491	0	5.0134	5.0166	4.9900
SEQ-CCV 17	Zn	5.0166	mg/L	100	2/6/2012	12:50:50 PM	565473	1	5.0187	5.0472	4.9838
SEQ-CCV AG	Y		%		2/6/2012	12:56:35 PM	5899675	0			
SEQ-CCV AG	Y		%		2/6/2012	12:55:21 PM	431874	0			
SEQ-CCV AG	Ag	2.0564	mg/L	103	2/6/2012	12:56:35 PM	760592	0	2.0514	2.0561	2.0616
SEQ-CCV AG	Al	-0.0050	mg/L		2/6/2012	12:55:21 PM	-47	137	-0.0097	0.0029	-0.0082
SEQ-CCV AG	As	0.0019	mg/L		2/6/2012	12:56:58 PM	5	10	0.0020	0.0019	0.0017
SEQ-CCV AG	Ba	0.0015	mg/L		2/6/2012	12:56:58 PM	346	21	0.0019	0.0016	0.0012
SEQ-CCV AG	Be	0.0030	mg/L		2/6/2012	12:55:21 PM	2306	16	0.0035	0.0029	0.0026
SEQ-CCV AG	Ca	0.0033	mg/L		2/6/2012	12:55:41 PM	48	32	0.0033	0.0022	0.0043
SEQ-CCV AG	Cd	0.0017	mg/L		2/6/2012	12:56:58 PM	176	17	0.0019	0.0018	0.0014
SEQ-CCV AG	Cr	0.0015	mg/L		2/6/2012	12:56:37 PM	159	30	0.0019	0.0014	0.0011
SEQ-CCV AG	Co	0.0016	mg/L		2/6/2012	12:56:58 PM	216	24	0.0019	0.0016	0.0012
SEQ-CCV AG	Cu	0.0023	mg/L		2/6/2012	12:56:37 PM	511	23	0.0027	0.0017	0.0024
SEQ-CCV AG	Na	0.0047	mg/L		2/6/2012	12:55:21 PM	81	119	0.0074	0.0084	-0.0017
SEQ-CCV AG	Fe	0.0089	mg/L		2/6/2012	12:55:41 PM	20	25	0.0115	0.0078	0.0075
SEQ-CCV AG	K	0.0141	mg/L		2/6/2012	12:55:21 PM	32	134	-0.0071	0.0200	0.0294
SEQ-CCV AG	Ni	0.0015	mg/L		2/6/2012	12:56:58 PM	45	31	0.0020	0.0013	0.0012
SEQ-CCV AG	Mg	0.0007	mg/L		2/6/2012	12:55:41 PM	5	75	0.0006	0.0012	0.0002
SEQ-CCV AG	Mn	0.0027	mg/L		2/6/2012	12:55:41 PM	56	17	0.0033	0.0024	0.0025
SEQ-CCV AG	Pb	0.0013	mg/L		2/6/2012	12:56:58 PM	12	45	0.0019	0.0012	0.0008
SEQ-CCV AG	Sb	0.0651	mg/L		2/6/2012	12:56:58 PM	375	19	0.0777	0.0643	0.0534
SEQ-CCV AG	Se	0.0042	mg/L		2/6/2012	12:56:58 PM	9	126	0.0094	0.0044	-0.0012
SEQ-CCV AG	Ti	0.0033	mg/L		2/6/2012	12:55:21 PM	119	42	0.0024	0.0026	0.0048
SEQ-CCV AG	Tl	0.0040	mg/L		2/6/2012	12:56:37 PM	48	102	-0.0007	0.0061	0.0064
SEQ-CCV AG	V	0.0013	mg/L		2/6/2012	12:56:37 PM	445	40	0.0018	0.0013	0.0007
SEQ-CCV AG	Zn	0.0016	mg/L		2/6/2012	12:56:58 PM	180	17	0.0019	0.0016	0.0013
SEQ-CCV SALT	Y		%		2/6/2012	1:02:19 PM	5792112	1			
SEQ-CCV SALT	Y		%		2/6/2012	1:01:05 PM	424541	1			
SEQ-CCV SALT	Ag	-0.0009	mg/L		2/6/2012	1:02:21 PM	-329	65	-0.0006	-0.0016	-0.0006
SEQ-CCV SALT	Al	-0.0103	mg/L		2/6/2012	1:01:05 PM	-67	155	-0.0052	-0.0026	-0.0231
SEQ-CCV SALT	As	-0.0003	mg/L		2/6/2012	1:02:41 PM	-2	111	-0.0005	-0.0012	0.0006
SEQ-CCV SALT	Ba	0.0001	mg/L		2/6/2012	1:02:41 PM	19	111	0.0001	0.0001	0.0000
SEQ-CCV SALT	Be	0.0002	mg/L		2/6/2012	1:01:25 PM	168	32	0.0003	0.0002	0.0002
SEQ-CCV SALT	Ca	4.9347	mg/L	99	2/6/2012	1:01:05 PM	72087	1	4.9058	4.9407	4.9574

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV SALT	Cd	0.0002	mg/L		2/6/2012	1:02:41 PM	21	10	0.0002	0.0002	0.0002
SEQ-CCV SALT	Cr	0.0001	mg/L		2/6/2012	1:02:41 PM	12	43	0.0001	0.0001	0.0001
SEQ-CCV SALT	Co	0.0000	mg/L		2/6/2012	1:02:41 PM	-2	415	0.0001	0.0000	-0.0001
SEQ-CCV SALT	Cu	0.0004	mg/L		2/6/2012	1:02:21 PM	90	182	-0.0002	0.0002	0.0012
SEQ-CCV SALT	Na	4.8979	mg/L	98	2/6/2012	1:01:05 PM	84427	0	4.8755	4.8957	4.9224
SEQ-CCV SALT	Fe	0.0039	mg/L		2/6/2012	1:01:25 PM	9	26	0.0048	0.0042	0.0028
SEQ-CCV SALT	K	23.8691	mg/L	95	2/6/2012	1:01:05 PM	54406	0	23.9055	23.7380	23.9637
SEQ-CCV SALT	Ni	-0.0004	mg/L		2/6/2012	1:02:41 PM	-11	90	0.0000	-0.0006	-0.0004
SEQ-CCV SALT	Mg	4.9657	mg/L	99	2/6/2012	1:01:05 PM	35383	1	4.9299	4.9718	4.9955
SEQ-CCV SALT	Mn	0.0000	mg/L		2/6/2012	1:01:25 PM	0	1421	-0.0002	0.0000	0.0002
SEQ-CCV SALT	Pb	0.0003	mg/L		2/6/2012	1:02:41 PM	2	387	0.0010	-0.0009	0.0007
SEQ-CCV SALT	Sb	0.0068	mg/L		2/6/2012	1:02:41 PM	39	27	0.0065	0.0087	0.0051
SEQ-CCV SALT	Se	0.0052	mg/L		2/6/2012	1:02:41 PM	9	30	0.0041	0.0067	0.0048
SEQ-CCV SALT	Ti	0.0022	mg/L		2/6/2012	1:01:05 PM	82	55	0.0015	0.0037	0.0015
SEQ-CCV SALT	Tl	-0.0006	mg/L		2/6/2012	1:02:21 PM	-7	500	-0.0031	0.0024	-0.0009
SEQ-CCV SALT	V	-0.0028	mg/L		2/6/2012	1:02:21 PM	-977	3	-0.0028	-0.0027	-0.0029
SEQ-CCV SALT	Zn	0.0016	mg/L		2/6/2012	1:02:41 PM	177	3	0.0016	0.0015	0.0015
SEQ-CCB	Y		%		2/6/2012	1:07:02 PM	5919995	1			
SEQ-CCB	Y		%		2/6/2012	1:05:48 PM	438644	1			
SEQ-CCB	Ag	-0.0030	mg/L		2/6/2012	1:07:04 PM	-1127	55	-0.0019	-0.0049	-0.0023
SEQ-CCB	Al	-0.0009	mg/L		2/6/2012	1:05:48 PM	-8	466	0.0009	-0.0055	0.0020
SEQ-CCB	As	-0.0018	mg/L		2/6/2012	1:07:24 PM	-5	85	-0.0001	-0.0031	-0.0024
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	1:07:24 PM	-19	95	-0.0002	0.0000	-0.0001
SEQ-CCB	Be	0.0000	mg/L		2/6/2012	1:06:08 PM	-37	26	-0.0001	-0.0001	0.0000
SEQ-CCB	Ca	0.0079	mg/L		2/6/2012	1:06:08 PM	116	26	0.0057	0.0097	0.0085
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	1:07:24 PM	-1	626	-0.0001	0.0000	0.0000
SEQ-CCB	Cr	-0.0001	mg/L		2/6/2012	1:07:04 PM	-16	44	-0.0001	-0.0002	-0.0001
SEQ-CCB	Co	-0.0002	mg/L		2/6/2012	1:07:24 PM	-21	121	0.0000	-0.0002	-0.0003
SEQ-CCB	Cu	0.0002	mg/L		2/6/2012	1:07:04 PM	37	209	0.0001	-0.0001	0.0005
SEQ-CCB	Na	0.0015	mg/L		2/6/2012	1:05:48 PM	26	114	-0.0005	0.0023	0.0026
SEQ-CCB	Fe	0.0009	mg/L		2/6/2012	1:06:08 PM	2	31	0.0008	0.0007	0.0012
SEQ-CCB	K	0.0175	mg/L		2/6/2012	1:05:48 PM	40	79	0.0235	0.0017	0.0275
SEQ-CCB	Ni	-0.0001	mg/L		2/6/2012	1:07:24 PM	-4	137	-0.0002	0.0001	-0.0003
SEQ-CCB	Mg	0.0036	mg/L		2/6/2012	1:06:08 PM	26	41	0.0046	0.0042	0.0019
SEQ-CCB	Mn	0.0000	mg/L		2/6/2012	1:06:08 PM	0	1910	-0.0001	-0.0002	0.0003
SEQ-CCB	Pb	-0.0001	mg/L		2/6/2012	1:07:24 PM	-1	554	-0.0006	0.0000	0.0003
SEQ-CCB	Sb	-0.0079	mg/L		2/6/2012	1:07:24 PM	-46	16	-0.0073	-0.0070	-0.0094
SEQ-CCB	Se	0.0010	mg/L		2/6/2012	1:07:24 PM	2	201	0.0032	0.0008	-0.0009
SEQ-CCB	Ti	0.0028	mg/L		2/6/2012	1:05:48 PM	100	18	0.0027	0.0033	0.0023
SEQ-CCB	Tl	-0.0003	mg/L		2/6/2012	1:07:04 PM	-4	319	-0.0005	0.0008	-0.0013
SEQ-CCB	V	-0.0004	mg/L		2/6/2012	1:07:04 PM	-147	66	-0.0006	-0.0005	-0.0001
SEQ-CCB	Zn	0.0020	mg/L		2/6/2012	1:07:24 PM	227	1	0.0020	0.0020	0.0020
B045369-BS2	Y		%		2/6/2012	1:17:13 PM	5837557	1			
B045369-BS2	Y		%		2/6/2012	1:15:59 PM	402658	1			
B045369-BS2	Ag	-0.0027	mg/L		2/6/2012	1:17:15 PM	-1015	37	-0.0022	-0.0021	-0.0039
B045369-BS2	Al	0.0236	mg/L		2/6/2012	1:15:59 PM	220	36	0.0307	0.0257	0.0143
B045369-BS2	As	-0.0020	mg/L		2/6/2012	1:17:35 PM	-5	84	-0.0015	-0.0006	-0.0039
B045369-BS2	Ba	0.0000	mg/L		2/6/2012	1:17:35 PM	-1	353	0.0000	0.0000	0.0000
B045369-BS2	Be	-0.0002	mg/L		2/6/2012	1:16:19 PM	-182	12	-0.0002	-0.0002	-0.0003
B045369-BS2	Ca	0.0298	mg/L		2/6/2012	1:16:19 PM	435	5	0.0311	0.0283	0.0300
B045369-BS2	Cd	0.0004	mg/L		2/6/2012	1:17:35 PM	43	22	0.0004	0.0005	0.0003
B045369-BS2	Cr	0.0010	mg/L		2/6/2012	1:17:15 PM	106	27	0.0011	0.0007	0.0011
B045369-BS2	Co	-0.0006	mg/L		2/6/2012	1:17:35 PM	-87	17	-0.0007	-0.0007	-0.0005
B045369-BS2	Cu	0.0036	mg/L		2/6/2012	1:17:15 PM	820	15	0.0038	0.0030	0.0040
B045369-BS2	Na	0.0618	mg/L		2/6/2012	1:15:59 PM	1065	12	0.0677	0.0641	0.0536
B045369-BS2	Fe	0.0993	mg/L		2/6/2012	1:16:19 PM	217	8	0.1088	0.0951	0.0941
B045369-BS2	K	0.1931	mg/L		2/6/2012	1:15:59 PM	440	16	0.2215	0.1959	0.1618
B045369-BS2	Ni	0.0022	mg/L		2/6/2012	1:17:35 PM	65	16	0.0018	0.0025	0.0022
B045369-BS2	Mg	0.0099	mg/L		2/6/2012	1:16:19 PM	71	9	0.0096	0.0093	0.0109
B045369-BS2	Mn	0.0006	mg/L		2/6/2012	1:16:19 PM	13	21	0.0007	0.0005	0.0006
B045369-BS2	Pb	0.0162	mg/L		2/6/2012	1:17:35 PM	153	5	0.0153	0.0166	0.0166
B045369-BS2	Sb	0.0086	mg/L		2/6/2012	1:17:35 PM	50	29	0.0115	0.0078	0.0067
B045369-BS2	Se	0.0047	mg/L		2/6/2012	1:17:35 PM	10	58	0.0072	0.0050	0.0018
B045369-BS2	Ti	0.0041	mg/L		2/6/2012	1:15:59 PM	150	9	0.0045	0.0038	0.0041
B045369-BS2	Tl	0.0039	mg/L		2/6/2012	1:17:15 PM	48	55	0.0056	0.0015	0.0046
B045369-BS2	V	-0.0002	mg/L		2/6/2012	1:17:15 PM	-62	22	-0.0002	-0.0002	-0.0001
B045369-BS2	Zn	0.0110	mg/L		2/6/2012	1:17:35 PM	1241	0	0.0110	0.0111	0.0110
12A0882-01	Y		%		2/6/2012	1:21:07 PM	5433486	2			
12A0882-01	Y		%		2/6/2012	1:20:11 PM	396478	1			
12A0882-01	Ag	-0.0033	mg/L		2/6/2012	1:21:09 PM	-1209	45	-0.0045	-0.0036	-0.0017
12A0882-01	Al	73.2282	mg/L		2/6/2012	1:20:11 PM	686879	0	73.0723	73.2204	73.3918
12A0882-01	As	0.0251	mg/L		2/6/2012	1:21:29 PM	23	23	0.0250	0.0272	0.0232
12A0882-01	Ba	3.0684	mg/L		2/6/2012	1:21:09 PM	686518	2	3.1347	3.0639	3.0067

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
12A0882-01	Be	-0.0004	mg/L		2/6/2012	1:20:13 PM	-284	21	-0.0004	-0.0003	-0.0005
12A0882-01	Ca	173.5538	mg/L		2/6/2012	1:20:11 PM	2535322	1	172.9815	173.1038	174.5761
12A0882-01	Cd	0.0049	mg/L		2/6/2012	1:21:29 PM	507	2	0.0050	0.0048	0.0048
12A0882-01	Cr	0.1183	mg/L		2/6/2012	1:21:29 PM	12778	1	0.1199	0.1183	0.1167
12A0882-01	Co	0.0376	mg/L		2/6/2012	1:21:29 PM	5155	1	0.0381	0.0375	0.0372
12A0882-01	Cu	0.1846	mg/L		2/6/2012	1:21:09 PM	41885	2	0.1887	0.1847	0.1804
12A0882-01	Na	2.6314	mg/L		2/6/2012	1:20:11 PM	45359	0	2.6347	2.6200	2.6394
12A0882-01	Fe	103.9361	mg/L		2/6/2012	1:20:11 PM	227529	0	103.7022	103.6659	104.4401
12A0882-01	K	5.4225	mg/L		2/6/2012	1:20:11 PM	12360	1	5.4315	5.3634	5.4726
12A0882-01	Ni	0.0699	mg/L		2/6/2012	1:21:29 PM	2088	1	0.0709	0.0699	0.0689
12A0882-01	Mg	60.4158	mg/L		2/6/2012	1:20:11 PM	430488	0	60.3745	60.3320	60.5409
12A0882-01	Mn	1.2152	mg/L		2/6/2012	1:20:13 PM	24929	2	1.1905	1.2159	1.2392
12A0882-01	Pb	1.0404	mg/L		2/6/2012	1:21:29 PM	9817	2	1.0563	1.0435	1.0213
12A0882-01	Sb	0.0232	mg/L		2/6/2012	1:21:29 PM	151	10	0.0262	0.0215	0.0220
12A0882-01	Se	0.0119	mg/L		2/6/2012	1:21:29 PM	-16	18	0.0110	0.0112	0.0136
12A0882-01	Ti	2.5091	mg/L		2/6/2012	1:20:13 PM	91505	2	2.4668	2.5009	2.5597
12A0882-01	Tl	-0.0090	mg/L		2/6/2012	1:21:09 PM	-110	22	-0.0111	-0.0072	-0.0087
12A0882-01	V	0.2434	mg/L		2/6/2012	1:21:09 PM	85053	2	0.2489	0.2429	0.2384
12A0882-01	Zn	0.8436	mg/L		2/6/2012	1:21:09 PM	94984	2	0.8630	0.8405	0.8272
12A0882-02	Y		%		2/6/2012	1:26:14 PM	5480403	1			
12A0882-02	Y		%		2/6/2012	1:25:18 PM	393203	2			
12A0882-02	Ag	-0.0039	mg/L		2/6/2012	1:26:16 PM	-1438	13	-0.0044	-0.0039	-0.0034
12A0882-02	Al	90.8631	mg/L		2/6/2012	1:25:18 PM	851739	1	90.2861	91.2294	91.0739
12A0882-02	As	0.0441	mg/L		2/6/2012	1:26:37 PM	87	4	0.0423	0.0452	0.0449
12A0882-02	Ba	2.6923	mg/L		2/6/2012	1:26:16 PM	602376	0	2.6810	2.6938	2.7022
12A0882-02	Be	-0.0002	mg/L		2/6/2012	1:25:20 PM	-182	16	-0.0002	-0.0002	-0.0003
12A0882-02	Ca	111.5170	mg/L		2/6/2012	1:25:18 PM	1629072	1	110.2938	112.4018	111.8555
12A0882-02	Cd	0.0051	mg/L		2/6/2012	1:26:37 PM	531	2	0.0052	0.0052	0.0050
12A0882-02	Cr	0.1375	mg/L		2/6/2012	1:26:37 PM	14847	0	0.1368	0.1379	0.1376
12A0882-02	Co	0.0462	mg/L		2/6/2012	1:26:37 PM	6337	1	0.0460	0.0465	0.0462
12A0882-02	Cu	0.3587	mg/L		2/6/2012	1:26:16 PM	81397	1	0.3568	0.3579	0.3616
12A0882-02	Na	2.7793	mg/L		2/6/2012	1:25:18 PM	47907	0	2.7702	2.7943	2.7733
12A0882-02	Fe	122.4189	mg/L		2/6/2012	1:25:18 PM	267991	1	121.1169	123.3189	122.8209
12A0882-02	K	5.7907	mg/L		2/6/2012	1:25:18 PM	13199	1	5.7168	5.8290	5.8264
12A0882-02	Ni	0.0908	mg/L		2/6/2012	1:26:37 PM	2711	0	0.0906	0.0908	0.0909
12A0882-02	Mg	32.3063	mg/L		2/6/2012	1:25:18 PM	230196	1	32.0906	32.4936	32.3348
12A0882-02	Mn	1.1101	mg/L		2/6/2012	1:25:20 PM	22773	2	1.0855	1.1233	1.1215
12A0882-02	Pb	1.0558	mg/L		2/6/2012	1:26:37 PM	9963	0	1.0539	1.0610	1.0527
12A0882-02	Sb	0.0223	mg/L		2/6/2012	1:26:37 PM	148	11	0.0204	0.0255	0.0210
12A0882-02	Se	-0.0054	mg/L		2/6/2012	1:26:37 PM	-47	7	-0.0061	-0.0067	-0.0035
12A0882-02	Ti	2.9787	mg/L		2/6/2012	1:25:20 PM	108631	2	2.9123	3.0055	3.0183
12A0882-02	Tl	-0.0165	mg/L		2/6/2012	1:26:16 PM	-202	10	-0.0178	-0.0171	-0.0146
12A0882-02	V	0.2849	mg/L		2/6/2012	1:26:16 PM	99544	1	0.2831	0.2852	0.2863
12A0882-02	Zn	1.3173	mg/L		2/6/2012	1:26:16 PM	148318	0	1.3176	1.3166	1.3176
12A0882-03	Y		%		2/6/2012	1:31:08 PM	5493130	1			
12A0882-03	Y		%		2/6/2012	1:30:12 PM	397686	2			
12A0882-03	Ag	-0.0046	mg/L		2/6/2012	1:31:10 PM	-1714	21	-0.0049	-0.0054	-0.0036
12A0882-03	Al	95.7816	mg/L		2/6/2012	1:30:12 PM	897796	1	95.3206	95.6818	96.3425
12A0882-03	As	0.0327	mg/L		2/6/2012	1:31:30 PM	66	12	0.0293	0.0335	0.0354
12A0882-03	Ba	1.7202	mg/L		2/6/2012	1:31:10 PM	384861	1	1.7197	1.7298	1.7110
12A0882-03	Be	0.0001	mg/L		2/6/2012	1:30:14 PM	96	27	0.0001	0.0001	0.0001
12A0882-03	Ca	82.0176	mg/L		2/6/2012	1:30:12 PM	1198136	1	81.3898	81.9675	82.6955
12A0882-03	Cd	0.0046	mg/L		2/6/2012	1:31:30 PM	478	1	0.0046	0.0046	0.0045
12A0882-03	Cr	0.1305	mg/L		2/6/2012	1:31:30 PM	14091	0	0.1306	0.1305	0.1303
12A0882-03	Co	0.0326	mg/L		2/6/2012	1:31:30 PM	4463	0	0.0326	0.0326	0.0325
12A0882-03	Cu	0.2055	mg/L		2/6/2012	1:31:10 PM	46619	1	0.2056	0.2070	0.2038
12A0882-03	Na	2.0853	mg/L		2/6/2012	1:30:12 PM	35945	0	2.0747	2.0870	2.0941
12A0882-03	Fe	112.3428	mg/L		2/6/2012	1:30:12 PM	245933	1	111.5765	112.0625	113.3892
12A0882-03	K	5.2339	mg/L		2/6/2012	1:30:12 PM	11930	2	5.1418	5.2660	5.2939
12A0882-03	Ni	0.0650	mg/L		2/6/2012	1:31:30 PM	1942	1	0.0645	0.0655	0.0651
12A0882-03	Mg	20.9354	mg/L		2/6/2012	1:30:14 PM	149173	3	20.5599	20.6778	21.5684
12A0882-03	Mn	0.9685	mg/L		2/6/2012	1:30:14 PM	19869	3	0.9536	0.9548	0.9973
12A0882-03	Pb	0.8671	mg/L		2/6/2012	1:31:30 PM	8182	0	0.8703	0.8654	0.8656
12A0882-03	Sb	0.0192	mg/L		2/6/2012	1:31:30 PM	130	13	0.0198	0.0218	0.0161
12A0882-03	Se	-0.0058	mg/L		2/6/2012	1:31:30 PM	-42	17	-0.0099	-0.0036	-0.0038
12A0882-03	Ti	2.5306	mg/L		2/6/2012	1:30:14 PM	92290	3	2.4885	2.4925	2.6110
12A0882-03	Tl	-0.0181	mg/L		2/6/2012	1:31:10 PM	-221	27	-0.0237	-0.0153	-0.0153
12A0882-03	V	0.2298	mg/L		2/6/2012	1:31:10 PM	80305	0	0.2300	0.2304	0.2290
12A0882-03	Zn	1.2589	mg/L		2/6/2012	1:31:10 PM	141742	1	1.2597	1.2676	1.2493
SEQ-CCV 17	Y		%		2/6/2012	2:25:01 PM	5806763	1			
SEQ-CCV 17	Y		%		2/6/2012	2:23:41 PM	427727	1			
SEQ-CCV 17	Ag	-0.0106	mg/L		2/6/2012	2:25:03 PM	-3904	10	-0.0117	-0.0102	-0.0098
SEQ-CCV 17	Al	5.2848	mg/L	106	2/6/2012	2:23:41 PM	49519	1	5.2444	5.3003	5.3096

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCV 17	As	4.9840	mg/L	100	2/6/2012	2:25:03 PM	12597	1	5.0103	5.0004	4.9413
SEQ-CCV 17	Ba	5.1332	mg/L	103	2/6/2012	2:25:01 PM	1148482	0	5.1397	5.1310	5.1289
SEQ-CCV 17	Be	5.0862	mg/L	102	2/6/2012	2:23:39 PM	3920327	1	5.1187	5.1220	5.0180
SEQ-CCV 17	Ca	0.0153	mg/L		2/6/2012	2:24:02 PM	224	2	0.0154	0.0156	0.0150
SEQ-CCV 17	Cd	5.2076	mg/L	104	2/6/2012	2:25:01 PM	541533	0	5.2119	5.2098	5.2011
SEQ-CCV 17	Cr	4.9193	mg/L	98	2/6/2012	2:25:01 PM	531360	0	4.9101	4.9206	4.9272
SEQ-CCV 17	Co	5.0915	mg/L	102	2/6/2012	2:25:01 PM	697905	0	5.0957	5.0925	5.0864
SEQ-CCV 17	Cu	5.0411	mg/L	101	2/6/2012	2:25:01 PM	1143823	0	5.0441	5.0468	5.0323
SEQ-CCV 17	Na	0.0068	mg/L		2/6/2012	2:23:41 PM	118	47	0.0105	0.0043	0.0057
SEQ-CCV 17	Fe	5.1762	mg/L	104	2/6/2012	2:24:02 PM	11331	1	5.2040	5.1868	5.1377
SEQ-CCV 17	K	0.0176	mg/L		2/6/2012	2:23:41 PM	40	145	0.0316	0.0330	-0.0119
SEQ-CCV 17	Ni	4.8004	mg/L	96	2/6/2012	2:25:03 PM	143340	0	4.8174	4.8027	4.7812
SEQ-CCV 17	Mg	0.0174	mg/L		2/6/2012	2:24:02 PM	124	16	0.0205	0.0163	0.0154
SEQ-CCV 17	Mn	5.0193	mg/L	100	2/6/2012	2:23:41 PM	102967	1	4.9685	5.0479	5.0415
SEQ-CCV 17	Pb	4.6600	mg/L	93	2/6/2012	2:25:03 PM	43971	0	4.6711	4.6614	4.6474
SEQ-CCV 17	Sb	5.3134	mg/L	106	2/6/2012	2:25:03 PM	31291	1	5.2710	5.3474	5.3220
SEQ-CCV 17	Se	4.9624	mg/L	99	2/6/2012	2:25:23 PM	10245	1	4.9946	4.9341	4.9586
SEQ-CCV 17	Ti	0.0140	mg/L		2/6/2012	2:24:02 PM	511	7	0.0151	0.0136	0.0133
SEQ-CCV 17	Tl	5.1632	mg/L	103	2/6/2012	2:25:03 PM	63206	1	5.2126	5.1877	5.0894
SEQ-CCV 17	V	5.0506	mg/L	101	2/6/2012	2:25:01 PM	1764841	0	5.0525	5.0556	5.0436
SEQ-CCV 17	Zn	5.0607	mg/L	101	2/6/2012	2:25:01 PM	570437	0	5.0649	5.0625	5.0547
SEQ-CCV AG	Y		%		2/6/2012	2:30:46 PM	6004967	1			
SEQ-CCV AG	Y		%		2/6/2012	2:29:32 PM	430724	2			
SEQ-CCV AG	Ag	2.0417	mg/L	102	2/6/2012	2:30:46 PM	755172	0	2.0459	2.0397	2.0396
SEQ-CCV AG	Al	0.0308	mg/L		2/6/2012	2:29:32 PM	289	24	0.0292	0.0245	0.0388
SEQ-CCV AG	As	0.0015	mg/L		2/6/2012	2:31:09 PM	4	74	0.0005	0.0013	0.0026
SEQ-CCV AG	Ba	0.0016	mg/L		2/6/2012	2:31:09 PM	368	25	0.0020	0.0017	0.0012
SEQ-CCV AG	Be	0.0033	mg/L		2/6/2012	2:29:32 PM	2518	16	0.0037	0.0033	0.0027
SEQ-CCV AG	Ca	0.0080	mg/L		2/6/2012	2:29:52 PM	117	36	0.0110	0.0077	0.0053
SEQ-CCV AG	Cd	0.0017	mg/L		2/6/2012	2:31:09 PM	176	25	0.0021	0.0017	0.0013
SEQ-CCV AG	Cr	0.0016	mg/L		2/6/2012	2:30:48 PM	178	23	0.0021	0.0015	0.0013
SEQ-CCV AG	Co	0.0015	mg/L		2/6/2012	2:31:09 PM	204	22	0.0018	0.0015	0.0011
SEQ-CCV AG	Cu	0.0023	mg/L		2/6/2012	2:30:48 PM	527	27	0.0029	0.0023	0.0017
SEQ-CCV AG	Na	0.0085	mg/L		2/6/2012	2:29:32 PM	147	43	0.0125	0.0080	0.0052
SEQ-CCV AG	Fe	0.0393	mg/L		2/6/2012	2:29:52 PM	86	4	0.0405	0.0398	0.0377
SEQ-CCV AG	K	0.0021	mg/L		2/6/2012	2:29:32 PM	5	2267	0.0562	-0.0291	-0.0208
SEQ-CCV AG	Ni	0.0018	mg/L		2/6/2012	2:31:09 PM	55	19	0.0021	0.0020	0.0015
SEQ-CCV AG	Mg	0.0068	mg/L		2/6/2012	2:29:52 PM	48	16	0.0076	0.0072	0.0056
SEQ-CCV AG	Mn	0.0039	mg/L		2/6/2012	2:29:52 PM	81	14	0.0045	0.0039	0.0034
SEQ-CCV AG	Pb	0.0022	mg/L		2/6/2012	2:31:09 PM	21	43	0.0033	0.0021	0.0014
SEQ-CCV AG	Sb	0.0618	mg/L		2/6/2012	2:31:09 PM	356	19	0.0745	0.0597	0.0513
SEQ-CCV AG	Se	0.0029	mg/L		2/6/2012	2:31:09 PM	6	34	0.0037	0.0032	0.0018
SEQ-CCV AG	Ti	0.0052	mg/L		2/6/2012	2:29:32 PM	191	19	0.0041	0.0059	0.0057
SEQ-CCV AG	Tl	0.0074	mg/L		2/6/2012	2:30:48 PM	90	23	0.0077	0.0055	0.0088
SEQ-CCV AG	V	0.0011	mg/L		2/6/2012	2:30:48 PM	394	45	0.0017	0.0010	0.0007
SEQ-CCV AG	Zn	0.0019	mg/L		2/6/2012	2:31:09 PM	217	19	0.0023	0.0019	0.0016
SEQ-CCV SALT	Y		%		2/6/2012	2:36:30 PM	5713545	1			
SEQ-CCV SALT	Y		%		2/6/2012	2:35:16 PM	426124	1			
SEQ-CCV SALT	Ag	-0.0019	mg/L		2/6/2012	2:36:32 PM	-714	90	-0.0036	-0.0020	-0.0002
SEQ-CCV SALT	Al	-0.0025	mg/L		2/6/2012	2:35:16 PM	7	662	0.0007	0.0000	-0.0080
SEQ-CCV SALT	As	-0.0009	mg/L		2/6/2012	2:36:53 PM	-4	46	-0.0016	-0.0004	-0.0007
SEQ-CCV SALT	Ba	0.0002	mg/L		2/6/2012	2:36:53 PM	44	37	0.0003	0.0002	0.0001
SEQ-CCV SALT	Be	0.0003	mg/L		2/6/2012	2:35:36 PM	202	28	0.0003	0.0003	0.0002
SEQ-CCV SALT	Ca	5.0075	mg/L	100	2/6/2012	2:35:16 PM	73150	1	4.9716	5.0308	5.0200
SEQ-CCV SALT	Cd	0.0003	mg/L		2/6/2012	2:36:53 PM	30	9	0.0003	0.0003	0.0003
SEQ-CCV SALT	Cr	0.0002	mg/L		2/6/2012	2:36:53 PM	18	67	0.0003	0.0001	0.0001
SEQ-CCV SALT	Co	-0.0002	mg/L		2/6/2012	2:36:53 PM	-28	14	-0.0002	-0.0002	-0.0002
SEQ-CCV SALT	Cu	-0.0002	mg/L		2/6/2012	2:36:32 PM	-49	191	-0.0006	0.0002	-0.0003
SEQ-CCV SALT	Na	5.0031	mg/L	100	2/6/2012	2:35:16 PM	86241	0	4.9778	5.0224	5.0091
SEQ-CCV SALT	Fe	0.0088	mg/L		2/6/2012	2:35:36 PM	19	15	0.0089	0.0101	0.0074
SEQ-CCV SALT	K	24.6767	mg/L	99	2/6/2012	2:35:16 PM	56247	0	24.6852	24.6371	24.7079
SEQ-CCV SALT	Ni	-0.0005	mg/L		2/6/2012	2:36:53 PM	-14	11	-0.0005	-0.0004	-0.0005
SEQ-CCV SALT	Mg	4.9887	mg/L	100	2/6/2012	2:35:16 PM	35547	1	4.9578	5.0012	5.0071
SEQ-CCV SALT	Mn	0.0002	mg/L		2/6/2012	2:35:36 PM	5	140	0.0004	-0.0001	0.0004
SEQ-CCV SALT	Pb	-0.0001	mg/L		2/6/2012	2:36:53 PM	-1	335	-0.0002	-0.0004	0.0003
SEQ-CCV SALT	Sb	0.0060	mg/L		2/6/2012	2:36:53 PM	35	63	0.0104	0.0042	0.0035
SEQ-CCV SALT	Se	0.0024	mg/L		2/6/2012	2:36:53 PM	3	145	0.0014	0.0052	0.0007
SEQ-CCV SALT	Ti	0.0035	mg/L		2/6/2012	2:35:16 PM	126	33	0.0022	0.0044	0.0038
SEQ-CCV SALT	Tl	0.0031	mg/L		2/6/2012	2:36:32 PM	38	93	0.0004	0.0028	0.0062
SEQ-CCV SALT	V	-0.0024	mg/L		2/6/2012	2:36:32 PM	-849	14	-0.0021	-0.0023	-0.0028
SEQ-CCV SALT	Zn	0.0014	mg/L		2/6/2012	2:36:53 PM	161	10	0.0016	0.0014	0.0013
SEQ-CCB	Y		%		2/6/2012	2:41:12 PM	5845856	1			
SEQ-CCB	Y		%		2/6/2012	2:39:59 PM	426509	1			

OPTIMA 2
02/06/12
Analyst: OP

Sample ID	Elem	Conc (Samp)	Samp Units	QC Recovery	Date	Time	Int (Corr)	RSD (Corr Int)	Conc (Samp)1	Conc (Samp)2	Conc (Samp)3
SEQ-CCB	Ag	-0.0037	mg/L		2/6/2012	2:41:15 PM	-1364	15	-0.0040	-0.0030	-0.0040
SEQ-CCB	Al	-0.0085	mg/L		2/6/2012	2:39:59 PM	-80	136	0.0039	-0.0191	-0.0103
SEQ-CCB	As	-0.0008	mg/L		2/6/2012	2:41:35 PM	-2	193	-0.0025	0.0001	0.0001
SEQ-CCB	Ba	-0.0001	mg/L		2/6/2012	2:41:35 PM	-17	65	-0.0001	0.0000	-0.0001
SEQ-CCB	Be	0.0000	mg/L		2/6/2012	2:40:19 PM	4	174	0.0000	0.0000	0.0000
SEQ-CCB	Ca	0.0130	mg/L		2/6/2012	2:40:19 PM	190	17	0.0155	0.0121	0.0115
SEQ-CCB	Cd	0.0000	mg/L		2/6/2012	2:41:35 PM	1	313	0.0000	0.0000	0.0000
SEQ-CCB	Cr	0.0000	mg/L		2/6/2012	2:41:15 PM	4	367	-0.0001	0.0000	0.0002
SEQ-CCB	Co	-0.0003	mg/L		2/6/2012	2:41:35 PM	-39	9	-0.0003	-0.0003	-0.0003
SEQ-CCB	Cu	0.0002	mg/L		2/6/2012	2:41:15 PM	45	48	0.0002	0.0003	0.0001
SEQ-CCB	Na	0.0037	mg/L		2/6/2012	2:39:59 PM	64	73	0.0056	0.0006	0.0048
SEQ-CCB	Fe	0.0031	mg/L		2/6/2012	2:40:19 PM	7	57	0.0023	0.0019	0.0052
SEQ-CCB	K	0.0526	mg/L		2/6/2012	2:39:59 PM	120	83	0.1001	0.0425	0.0151
SEQ-CCB	Ni	0.0000	mg/L		2/6/2012	2:41:35 PM	1	502	0.0001	-0.0001	0.0002
SEQ-CCB	Mg	0.0036	mg/L		2/6/2012	2:40:19 PM	26	40	0.0047	0.0042	0.0020
SEQ-CCB	Mn	0.0000	mg/L		2/6/2012	2:40:19 PM	0	2155	-0.0004	0.0001	0.0004
SEQ-CCB	Pb	0.0009	mg/L		2/6/2012	2:41:35 PM	8	64	0.0012	0.0013	0.0002
SEQ-CCB	Sb	-0.0059	mg/L		2/6/2012	2:41:35 PM	-34	9	-0.0065	-0.0056	-0.0056
SEQ-CCB	Se	-0.0008	mg/L		2/6/2012	2:41:35 PM	-2	553	-0.0006	-0.0051	0.0034
SEQ-CCB	Ti	0.0011	mg/L		2/6/2012	2:39:59 PM	39	100	0.0007	0.0002	0.0023
SEQ-CCB	Tl	0.0013	mg/L		2/6/2012	2:41:15 PM	16	269	0.0013	-0.0022	0.0048
SEQ-CCB	V	-0.0005	mg/L		2/6/2012	2:41:15 PM	-181	63	-0.0004	-0.0009	-0.0003
SEQ-CCB	Zn	0.0023	mg/L		2/6/2012	2:41:35 PM	257	5	0.0024	0.0022	0.0022
SEQ-IFA	Y		%		2/6/2012	5:16:25 PM	5240143	2			
SEQ-IFA	Y		%		2/6/2012	5:15:11 PM	397975	1			
SEQ-IFA	Ag	-0.0013	mg/L		2/6/2012	5:16:27 PM	-472	80	-0.0013	-0.0002	-0.0023
SEQ-IFA	Al	266.3634	mg/L	107	2/6/2012	5:15:09 PM	2498964	4	257.7811	276.4102	264.8991
SEQ-IFA	As	-0.0072	mg/L		2/6/2012	5:16:48 PM	-77	8	-0.0057	-0.0057	-0.0101
SEQ-IFA	Ba	0.0173	mg/L		2/6/2012	5:16:48 PM	3867	1	0.0171	0.0172	0.0175
SEQ-IFA	Be	0.0000	mg/L		2/6/2012	5:15:31 PM	7	206	0.0000	0.0000	0.0000
SEQ-IFA	Ca	248.8439	mg/L	100	2/6/2012	5:15:09 PM	3635179	3	242.2644	256.3232	247.9440
SEQ-IFA	Cd	0.0016	mg/L		2/6/2012	5:16:48 PM	168	2	0.0016	0.0016	0.0016
SEQ-IFA	Cr	-0.0015	mg/L		2/6/2012	5:16:48 PM	-163	6	-0.0016	-0.0015	-0.0014
SEQ-IFA	Co	-0.0016	mg/L		2/6/2012	5:16:48 PM	-215	3	-0.0016	-0.0015	-0.0016
SEQ-IFA	Cu	-0.0048	mg/L		2/6/2012	5:16:27 PM	-1088	5	-0.0050	-0.0049	-0.0045
SEQ-IFA	Na	0.2735	mg/L		2/6/2012	5:15:11 PM	4715	8	0.2504	0.2749	0.2953
SEQ-IFA	Fe	96.3190	mg/L	96	2/6/2012	5:15:11 PM	210855	1	95.0036	96.9424	97.0109
SEQ-IFA	K	0.1793	mg/L		2/6/2012	5:15:11 PM	409	24	0.1313	0.1894	0.2170
SEQ-IFA	Ni	-0.0058	mg/L		2/6/2012	5:16:48 PM	-174	11	-0.0051	-0.0061	-0.0063
SEQ-IFA	Mg	226.6250	mg/L	91	2/6/2012	5:15:09 PM	1614797	3	220.4613	233.8204	225.5934
SEQ-IFA	Mn	0.0057	mg/L		2/6/2012	5:15:31 PM	118	11	0.0054	0.0053	0.0065
SEQ-IFA	Pb	-0.0158	mg/L		2/6/2012	5:16:48 PM	-149	8	-0.0147	-0.0156	-0.0172
SEQ-IFA	Sb	0.0325	mg/L		2/6/2012	5:16:48 PM	187	4	0.0312	0.0323	0.0339
SEQ-IFA	Se	0.0335	mg/L		2/6/2012	5:16:48 PM	-21	43	0.0372	0.0337	0.0297
SEQ-IFA	Ti	0.0062	mg/L		2/6/2012	5:15:31 PM	226	10	0.0058	0.0058	0.0069
SEQ-IFA	Tl	-0.0243	mg/L		2/6/2012	5:16:27 PM	-298	17	-0.0238	-0.0205	-0.0287
SEQ-IFA	V	0.0020	mg/L		2/6/2012	5:16:27 PM	715	13	0.0018	0.0021	0.0023
SEQ-IFA	Zn	0.0083	mg/L		2/6/2012	5:16:48 PM	931	1	0.0081	0.0083	0.0084
SEQ-IFB	Y		%		2/6/2012	5:21:19 PM	5224008	1			
SEQ-IFB	Y		%		2/6/2012	5:20:23 PM	395212	2			
SEQ-IFB	Ag	1.1016	mg/L	110	2/6/2012	5:21:21 PM	407453	1	1.0950	1.1177	1.0921
SEQ-IFB	Al	264.0080	mg/L	106	2/6/2012	5:20:23 PM	2476881	1	261.8664	264.0186	266.1391
SEQ-IFB	As	-0.0054	mg/L		2/6/2012	5:21:41 PM	-82	10	-0.0066	-0.0082	-0.0016
SEQ-IFB	Ba	0.5445	mg/L	109	2/6/2012	5:21:21 PM	121814	1	0.5418	0.5530	0.5385
SEQ-IFB	Be	0.5377	mg/L	108	2/6/2012	5:20:23 PM	414408	1	0.5338	0.5382	0.5410
SEQ-IFB	Ca	245.5631	mg/L	98	2/6/2012	5:20:23 PM	3587253	1	243.7753	245.4951	247.4189
SEQ-IFB	Cd	1.1285	mg/L	113	2/6/2012	5:21:21 PM	117352	2	1.1235	1.1478	1.1142
SEQ-IFB	Cr	0.5089	mg/L	102	2/6/2012	5:21:21 PM	54967	1	0.5055	0.5159	0.5052
SEQ-IFB	Co	0.4976	mg/L	100	2/6/2012	5:21:21 PM	68206	2	0.4953	0.5061	0.4915
SEQ-IFB	Cu	0.5504	mg/L	110	2/6/2012	5:21:21 PM	124883	2	0.5472	0.5601	0.5438
SEQ-IFB	Na	0.3072	mg/L		2/6/2012	5:20:25 PM	5295	4	0.2969	0.3048	0.3198
SEQ-IFB	Fe	93.3536	mg/L	93	2/6/2012	5:20:23 PM	204363	1	92.5006	93.3295	94.2306
SEQ-IFB	K	0.2141	mg/L		2/6/2012	5:20:25 PM	488	19	0.1998	0.1836	0.2590
SEQ-IFB	Ni	0.9314	mg/L	93	2/6/2012	5:21:21 PM	27812	1	0.9269	0.9435	0.9238
SEQ-IFB	Mg	223.2626	mg/L	89	2/6/2012	5:20:23 PM	1590838	1	221.4186	222.9881	225.3810
SEQ-IFB	Mn	0.4916	mg/L	98	2/6/2012	5:20:25 PM	10084	1	0.4882	0.4910	0.4955
SEQ-IFB	Pb	0.8917	mg/L	89	2/6/2012	5:21:41 PM	8414	1	0.8926	0.8974	0.8850
SEQ-IFB	Sb	0.0205	mg/L		2/6/2012	5:21:41 PM	193	14	0.0227	0.0234	0.0154
SEQ-IFB	Se	0.0389	mg/L		2/6/2012	5:21:41 PM	-8	246	0.0410	0.0470	0.0287
SEQ-IFB	Ti	0.0054	mg/L		2/6/2012	5:20:25 PM	195	33	0.0063	0.0065	0.0033
SEQ-IFB	Tl	-0.0257	mg/L		2/6/2012	5:21:21 PM	-315	33	-0.0330	-0.0280	-0.0162
SEQ-IFB	V	0.5363	mg/L	107	2/6/2012	5:21:21 PM	187400	2	0.5329	0.5457	0.5302
SEQ-IFB	Zn	1.0122	mg/L	101	2/6/2012	5:21:21 PM	114024	1	1.0064	1.0255	1.0046

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METALS

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.032	0.0094	0.026	1		B045193	01/30/12 16:56	SW-846 7471B

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1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.068	0.0096	0.027	1		B045193	01/30/12 16:58	SW-846 7471B

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury	0.045	0.0095	0.026	1		B045193	01/30/12 17:00	SW-846 7471B

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
7439-97-6	Mercury		0.0099	0.027	1	J	B045193	01/30/12 16:28	SW-846 7471B

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INITIAL AND CONTINUING CALIBRATION CHECK

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
		Sequence:	S001729

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
S001729-ICV1	Mercury	2.00	2.03	101	µg/L	+/- 20.00%
S001729-CCV1	Mercury	2.00	2.06	103	µg/L	+/- 20.00%
S001729-CCV2	Mercury	2.00	1.86	92.8	µg/L	+/- 20.00%
S001729-CCV3	Mercury	2.00	1.81	90.4	µg/L	+/- 20.00%
S001729-CCV4	Mercury	2.00	1.79	89.5	µg/L	+/- 20.00%
S001729-CCV5	Mercury	2.00	1.82	91.2	µg/L	+/- 20.00%
S001729-CCV6	Mercury	2.00	1.83	91.7	µg/L	+/- 20.00%

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BLANKS

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	HG1	Calibration:	UNASSIGNED
Sequence:	S001729		

Lab Sample ID	Analyte	Found	Units	RL	C
S001729-ICB1	Mercury	-0.0187	µg/L	0.30	U
S001729-CCB1	Mercury	-0.024	µg/L	0.30	U
B045193-BLK1	Mercury	-0.0015	mg/Kg wet	0.025	U
S001729-CCB2	Mercury	-0.019	µg/L	0.30	U
S001729-CCB3	Mercury	-0.019	µg/L	0.30	U
S001729-CCB4	Mercury	-0.022	µg/L	0.30	U
S001729-CCB5	Mercury	-0.018	µg/L	0.30	U

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Analysis:	SW-846 7471B
Batch:	B045193	Preparation:	SW-846 7471
% Solids:	91.50	Laboratory ID:	B045193-MS1
Column:		Sample Lab ID:	12A0882-04

ANALYTE	SPIKE ADDED (mg/Kg dry)	SAMPLE CONCENTRATION (mg/Kg dry)	MS CONCENTRATION (mg/Kg dry)	MS % REC.	QC LIMITS REC.
Mercury	0.181	0.0238	0.174	82.6	75 - 125

ANALYTE	SPIKE ADDED (mg/Kg dry)	MSD CONCENTRATION (mg/Kg dry)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.182	0.176	83.5	1.33	35	75 - 125

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DUPLICATES

FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	B045193-DUP1
Batch:	B045193	Initial/Final:	0.6079 g / 50 mL
Preparation:	SW-846 7471	Analysis:	SW-846 7471B
% Solids:	91.50		

ANALYTE	SAMPLE CONCENTRATION (mg/Kg dry)	DUPLICATE CONCENTRATION (mg/Kg dry)	RPD %	Q	CONTROL LIMIT
Mercury	0.0238	0.027 J			35

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	SW-846 7471
Batch:	B045193	Laboratory ID:	B045193-BS1
Column:		Initial/Final:	0.047 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Mercury	3.73	3.01	80.6	66 - 132

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Mercury	3.73	3.50	93.9	15.2	30	66 - 132

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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: HG1

Analyte	MDL	MRL	Units	Method
Mercury	0.0090	0.025	mg/Kg	SW-846 7471B

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PREPARATION BATCH SUMMARY

SW-846 7471B

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045193 Batch Matrix: Soil	Preparation:	SW-846 7471

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	01/30/12 08:19	0.61	50.00
FPC-SB02	12A0882-02	01/30/12 08:19	0.61	50.00
FPC-SB02/D	12A0882-03	01/30/12 08:19	0.61	50.00
FPC-SB03	12A0882-04	01/30/12 08:19	0.60	50.00
Blank	B045193-BLK1	01/30/12 08:19	0.60	50.00
LCS	B045193-BS1	01/30/12 08:19	0.05	50.00
LCS Dup	B045193-BSD1	01/30/12 08:19	0.04	50.00
FPC-SB03	B045193-DUP1	01/30/12 08:19	0.61	50.00
FPC-SB03	B045193-MS1	01/30/12 08:19	0.60	50.00
FPC-SB03	B045193-MSD1	01/30/12 08:19	0.60	50.00

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SAMPLE DATA

ANALYSIS SEQUENCE

S001729

Instrument: HG1

Calibnration ID: UNASSIGNED

Printed: 2/1/2012 11:34:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
S001729-ICV1	QC		1		1201233			
S001729-CCV1	QC		2		1201234			
S001729-ICB1	QC		3		1105187			
S001729-CCV2	QC		4		1201234			
S001729-CCB1	QC		5		1105187			
B045193-BLK1	QC		6					
B045193-BS1	QC		7					
B045193-BSD1	QC		8					
S001729-CCV3	QC		9		1201234			
S001729-CCB2	QC		10		1105187			
B045193-DUP1	QC		11					
B045193-MS1	QC		12					
B045193-MSD1	QC		13					
12A0882-04	Mercury 7470/7471 Total	A	14				Ecology & Environment	MS/MSD
12A0842-01	Mercury 7470/7471 Total	A	15					
12A0850-01	Mercury 7470/7471 Total	A	16					
12A0853-01	Mercury 7470/7471 Total	A	17					
12A0853-02	Mercury 7470/7471 Total	A	18					
12A0853-03	Mercury 7470/7471 Total	A	19					
S001729-CCV4	QC		20		1201234			
S001729-CCB3	QC		21		1105187			
12A0880-01	Mercury 7470/7471 Total	A	22					
12A0880-02	Mercury 7470/7471 Total	A	23					

Samples Loaded By Date

Data Processed By Date

ANALYSIS SEQUENCE

S001729

Instrument: HG1

Calibnration ID: UNASSIGNED

Printed: 2/1/2012 11:34:12AM

Lab Number	Analysis	Container	Order	Position	STD ID	ISTD ID	Client	Comments
12A0880-03	Mercury 7470/7471 Total	A	24					
12A0880-05	Mercury 7470/7471 Total	A	25					
12A0880-06	Mercury 7470/7471 Total	A	26					
12A0882-01	Mercury 7470/7471 Total	A	27				Ecology & Environment	
12A0882-02	Mercury 7470/7471 Total	A	28				Ecology & Environment	
12A0882-03	Mercury 7470/7471 Total	A	29				Ecology & Environment	
S001729-CCV5	QC		30		1201234			
S001729-CCB4	QC		31		1105187			
12A0878-01	Mercury 7470/7471 Total	A	32					Please activate TCLP"s for metals if over th
12A0878-02	Mercury 7470/7471 Total	A	33					Please activate TCLP"s for metals if over th
12A0880-04	Mercury 7470/7471 Total	A	34					
S001729-CCV6	QC		35		1201234			
S001729-CCB5	QC		36		1105187			

Samples Loaded By Date

Data Processed By Date

PREPARATION BENCH SHEET

Prepared: 01/30/12 08:19 | B045193 | **Printed: 1/30/2012 3:33:12PM**

Matrix: Soil

Con-Test Analytical Laboratory

Prepared using: METALS - SW-846 7471

Sample ID	Sample ID and Source Sample	AMT DIGESTED mL g L	Final Vol (mL)	Due Date	Spike Amount uL 1 | 2	Comments
B045193-BLK1	Blank	0.6	50		|	
B045193-BS1	LCS	0.047	50		47 |	
B045193-BSD1	LCS Dup	0.0446	50		44.6 |	
B045193-DUP1	Duplicate [12A0882-04]	0.6079	50		|	
B045193-MS1	Matrix Spike [12A0882-04]	0.6024	50		50 |	
B045193-MSD1	Matrix Spike Dup [12A0882-04]	0.6001	50		50 |	
12A0842-01	Stockpile #2	0.598	50	02/01/12		
12A0850-01	Composite Soil Sample	0.6214	50	02/03/12		
12A0853-01	S-1	0.6096	50	02/06/12		
12A0853-02	S-2	0.6073	50	02/06/12		
12A0853-03	S-3	0.6136	50	02/06/12		
12A0878-01	HERTZ-SP-1/27-01	0.5967	50	02/03/12		Please activate TCLP"s for metals if over the 20
12A0878-02	HERTZ-SP-1/27-02	0.6143	50	02/03/12		Please activate TCLP"s for metals if over the 20
12A0880-01	SB-10	0.6222	50	02/03/12		
12A0880-02	SB-11	0.6142	50	02/03/12		
12A0880-03	SB-12	0.6107	50	02/03/12		
12A0880-04	SB-13	0.6127	50	02/03/12		
12A0880-05	SB-14	0.6002	50	02/03/12		
12A0880-06	DUP-1	0.6187	50	02/03/12		
12A0882-01	FPC-SB01	0.6053	50	02/06/12	Ecology & Environment	
12A0882-02	FPC-SB02	0.6056	50	02/06/12	Ecology & Environment	
12A0882-03	FPC-SB02/D	0.6101	50	02/06/12	Ecology & Environment	
12A0882-04	FPC-SB03	0.5977	50	02/06/12	Ecology & Environment	MS/MSD

Hg

Standard(s):

1112044	Hg SRM D074-540	44.6 uL
		47 uL
1201188	Mercury Soil Spike 2.0 ppm	50 uL

Standard ID#	Description	Manufacture Lot#
1110222	Sulfuric Acid	K18F01
1112252	Nitric Acid 69-70%	RR1-307
1201005	Hydroxylamine Hydrochloride + So	n/a
1201092	Mercury - Potassium Permanganat	n/a
1201096	Mercury - Potassium Persulfate	n/a

HOT BATH, IN AT 1050AM AT 95.0°C ON 1/30/12, OUT AT 1250PM AT 95.1°C ON 1/30/12.
EPPENDORF# 1257613
SCALE 1
SPIKE WITNESS SJT 1/30/12

Prepared By 1/30/12 Date

Preparation Reviewed By AMP 2/1/12 Date

Analysis Begun

Logged In Analyst: FIMS100
Technique: AA FIMS-MHS
Spectrometer Model: FIMS-100, S/N B050-9550
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\New.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Method Loaded
Method Name: main
Method Last Saved: 11/28/2011 5:40:57 PM
Method Description: Hg 1-31-2008

Analyte	Calibration Equation	Wavelength
Hg 253.7	Lin, Calc Int	253.7

Sequence No.: 1
Autosampler Location: 1
Sample ID: Blank
Date Collected: 1/30/2012 11:13:01 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.00]	0.0004	0.0012	0.0004	11:13:51	Yes
2		[0.00]	0.0004	0.0011	0.0004	11:14:20	Yes
3		[0.00]	0.0005	0.0026	0.0005	11:14:50	Yes
Mean:		[0.00]	0.0004				
SD:		0.00	0.0000				
%RSD:		0.00	8.84				

Auto-zero performed.

Sequence No.: 2
Autosampler Location: 2
Sample ID: Calib Std 1- 0.1ppb
Date Collected: 1/30/2012 11:15:09 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calib Std 1- 0.1ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.1]	0.0014	0.0062	0.0018	11:15:59	Yes
2		[0.1]	0.0015	0.0079	0.0019	11:16:28	Yes
3		[0.1]	0.0014	0.0070	0.0018	11:16:57	Yes
Mean:		[0.1]	0.0014				
SD:		0.0	0.0000				
%RSD:		0.0	2.31				

Standard number 1 applied. [0.1]
Correlation Coef.: 1.000000 Slope: 0.01426 Intercept: 0.00000

Sequence No.: 3
Autosampler Location: 3
Sample ID: Calib Std 2- 0.5 ppb
Date Collected: 1/30/2012 11:17:17 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Replicate Data: Calib Std 2- 0.5 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[0.50]	0.0068	0.0281	0.0072	11:18:07	Yes
2		[0.50]	0.0069	0.0301	0.0074	11:18:37	Yes

3	[0.50]	0.0070	0.0303	0.0074	11:19:06	Yes
Mean:	[0.50]	0.0069				
SD:	0.00	0.0001				
%RSD:	0.00	1.70				

Standard number 2 applied. [0.50]
Correlation Coef.: 0.999977 Slope: 0.01378 Intercept: 0.00002

Sequence No.: 4
Sample ID: Calib Std 3- 1.0 ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 1/30/2012 11:19:26 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 3- 1.0 ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[1.00]	0.0138	0.0579	0.0142	11:20:17	Yes
2		[1.00]	0.0138	0.0578	0.0142	11:20:46	Yes
3		[1.00]	0.0140	0.0580	0.0144	11:21:15	Yes
Mean:		[1.00]	0.0139				
SD:		0.00	0.0001				
%RSD:		0.00	0.69				

Standard number 3 applied. [1.00]
Correlation Coef.: 0.999992 Slope: 0.01384 Intercept: 0.00001

Sequence No.: 5
Sample ID: Calib Std 4- 2.0ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 1/30/2012 11:21:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 4- 2.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[2.00]	0.0282	0.1170	0.0286	11:22:26	Yes
2		[2.00]	0.0281	0.1159	0.0285	11:22:56	Yes
3		[2.00]	0.0279	0.1151	0.0283	11:23:25	Yes
Mean:		[2.00]	0.0281				
SD:		0.00	0.0002				
%RSD:		0.00	0.59				

Standard number 4 applied. [2.00]
Correlation Coef.: 0.999971 Slope: 0.01403 Intercept: -0.00004

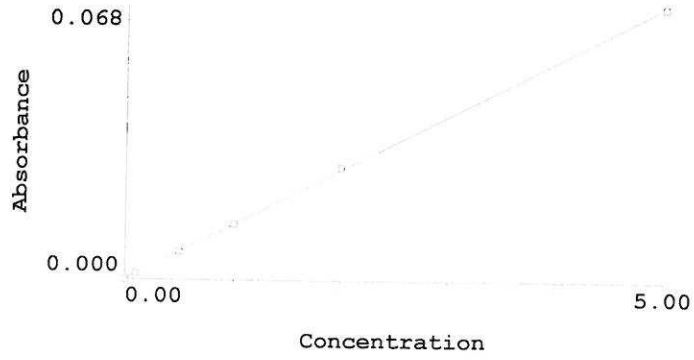
Sequence No.: 6
Sample ID: Calib Std 5- 5.0ppb
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 1/30/2012 11:23:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: Calib Std 5- 5.0ppb

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1		[5.00]	0.0685	0.2805	0.0689	11:24:35	Yes
2		[5.00]	0.0679	0.2821	0.0683	11:25:05	Yes
3		[5.00]	0.0677	0.2800	0.0681	11:25:34	Yes
Mean:		[5.00]	0.0680				
SD:		0.00	0.0004				
%RSD:		0.00	0.64				

Standard number 5 applied. [5.00]
Correlation Coef.: 0.999915 Slope: 0.01362 Intercept: 0.00020



Calibration data for Hg 253.7 Equation: Linear, Calculated Intercept

ID	Mean Signal (Abs)	Entered Conc. ug/L	Calculated Conc. ug/L	Standard Deviation	%RSD
Blank	0.0000	0	-0.015	0.00	8.8
Calib Std 1- 0.1ppb	0.0014	0.1	0.090	0.00	2.8
Calib Std 2- 0.5 ppb	0.0069	0.50	0.492	0.00	1.7
Calib Std 3- 1.0 ppb	0.0139	1.00	1.003	0.00	0.7
Calib Std 4- 2.0ppb	0.0281	2.00	2.048	0.00	0.6
Calib Std 5- 5.0ppb	0.0680	5.00	4.981	0.00	0.6

Correlation Coef.: 0.999915 Slope: 0.01362 Intercept: 0.00020

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status
1	1	Blank	Applied
2	2	Calib Std 1- 0.1ppb	Applied
3	3	Calib Std 2- 0.5 ppb	Applied
4	4	Calib Std 3- 1.0 ppb	Applied
5	5	Calib Std 4- 2.0ppb	Applied
6	6	Calib Std 5- 5.0ppb	Applied

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 1/30/2012 11:25:56 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.032	2.032	0.0279	0.1164	0.0283	11:26:46	Yes
2	2.013	2.013	0.0276	0.1151	0.0280	11:27:15	Yes
3	2.033	2.033	0.0279	0.1167	0.0283	11:27:45	Yes
Mean:	2.026	2.026	0.0278				
SD:	0.011	0.011	0.0002				
%RSD:	0.550	0.550	0.55				

QC value within limits for Hg 253.7 Recovery = 101.32%
All analyte(s) passed QC.

Sequence No.: 2
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 1/30/2012 11:28:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.066	2.066	0.0283	0.1184	0.0287	11:28:54	Yes
2	2.063	2.063	0.0283	0.1167	0.0287	11:29:23	Yes
3	2.066	2.066	0.0283	0.1170	0.0287	11:29:53	Yes
Mean:	2.065	2.065	0.0283				
SD:	0.002	0.002	0.0000				
%RSD:	0.098	0.098	0.10				

QC value within limits for Hg 253.7 Recovery = 103.24%
All analyte(s) passed QC.

Sequence No.: 3
Sample ID: SEQ-ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 1/30/2012 11:30:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.024	-0.024	-0.0001	0.0004	0.0003	11:31:02	Yes
2	-0.013	-0.013	0.0000	0.0022	0.0004	11:31:31	Yes
3	-0.019	-0.019	-0.0001	0.0009	0.0004	11:32:00	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.005	0.005	0.0001				
%RSD:	28.40	28.40	135.06				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 1/30/2012 3:56:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

User canceled analysis.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 50
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 8
Date Collected: 1/30/2012 3:56:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.855	1.855	0.0255	0.1040	0.0259	15:57:09	Yes
2	1.854	1.854	0.0255	0.1035	0.0259	15:57:39	Yes
3	1.857	1.857	0.0255	0.1046	0.0259	15:58:08	Yes
Mean:	1.855	1.855	0.0255				
SD:	0.002	0.002	0.0000				
%RSD:	0.084	0.084	0.08				

QC value within limits for Hg 253.7 Recovery = 92.77%
All analyte(s) passed QC.

Sequence No.: 51
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 1/30/2012 3:58:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.030	-0.030	-0.0002	0.0001	0.0002	15:59:18	Yes
2	-0.022	-0.022	-0.0001	0.0015	0.0003	15:59:47	Yes
3	-0.020	-0.020	-0.0001	0.0011	0.0003	16:00:16	Yes
Mean:	-0.024	-0.024	-0.0001				
SD:	0.005	0.005	0.0001				
%RSD:	22.34	22.34	57.49				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 52
Sample ID: 12A0836-02 10X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 152
Date Collected: 1/30/2012 4:00:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-02 10X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.634	2.634	0.0361	0.1472	0.0365	16:01:27	Yes
2	2.640	2.640	0.0361	0.1464	0.0366	16:01:56	Yes
Mean:	2.637	2.637	0.0361				
SD:	0.004	0.004	0.0001				
%RSD:	0.168	0.168	0.17				

Sequence No.: 53
Sample ID: 12A0836-08
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 1/30/2012 4:02:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-08

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.257	0.257	0.0037	0.0160	0.0041	16:03:09	Yes
2	0.261	0.261	0.0038	0.0169	0.0042	16:03:39	Yes
Mean:	0.259	0.259	0.0037				
SD:	0.003	0.003	0.0000				
%RSD:	1.087	1.087	1.03				

Sequence No.: 54
Sample ID: 12A0836-10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 1/30/2012 4:04:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-10

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.196	0.196	0.0029	0.0132	0.0033	16:04:52	Yes
2	0.193	0.193	0.0028	0.0119	0.0032	16:05:21	Yes
Mean:	0.195	0.195	0.0029				
SD:	0.002	0.002	0.0000				
%RSD:	0.872	0.872	0.81				

Sequence No.: 55
Sample ID: 12A0836-11
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 124
Date Collected: 1/30/2012 4:05:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-11

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.326	1.326	0.0183	0.0746	0.0187	16:06:34	Yes
2	1.322	1.322	0.0182	0.0739	0.0186	16:07:03	Yes
Mean:	1.324	1.324	0.0182				
SD:	0.003	0.003	0.0000				
%RSD:	0.213	0.213	0.21				

Sequence No.: 56
Sample ID: 12A0836-12
Analyst:
Initial Sample Wt:

Autosampler Location: 125
Date Collected: 1/30/2012 4:07:24 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Replicate Data: 12A0836-12

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.296	0.296	0.0042	0.0179	0.0046	16:08:15	Yes
2	0.305	0.305	0.0044	0.0190	0.0048	16:08:45	Yes
Mean:	0.301	0.301	0.0043				
SD:	0.006	0.006	0.0001				
%RSD:	2.115	2.115	2.02				

Sequence No.: 57
Sample ID: 12A0836-13
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 1/30/2012 4:09:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-13

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.202	1.202	0.0166	0.0681	0.0170	16:09:57	Yes
2	1.207	1.207	0.0166	0.0686	0.0170	16:10:27	Yes
Mean:	1.204	1.204	0.0166				
SD:	0.004	0.004	0.0000				
%RSD:	0.299	0.299	0.30				

Sequence No.: 58
Sample ID: 12A0836-14
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 1/30/2012 4:10:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0836-14

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.282	0.282	0.0040	0.0178	0.0044	16:11:40	Yes
2	0.284	0.284	0.0041	0.0171	0.0045	16:12:09	Yes
Mean:	0.283	0.283	0.0041				
SD:	0.002	0.002	0.0000				
%RSD:	0.671	0.671	0.64				

Sequence No.: 59
Sample ID: B045193-BLK1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 1/30/2012 4:12:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BLK1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0000	0.0018	0.0004	16:13:22	Yes
2	-0.019	-0.019	-0.0001	0.0016	0.0004	16:13:51	Yes
Mean:	-0.018	-0.018	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.480	5.480	29.92				

Sequence No.: 60
Sample ID: B045193-BS1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 1/30/2012 4:14:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.827	2.827	0.0387	0.1588	0.0391	16:15:04	Yes
2	2.829	2.829	0.0387	0.1571	0.0391	16:15:33	Yes
Mean:	2.828	2.828	0.0387				
SD:	0.001	0.001	0.0000				
%RSD:	0.047	0.047	0.05				

Sequence No.: 61
Sample ID: B045193-BSD1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 1/30/2012 4:15:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-BSD1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.116	3.116	0.0426	0.1747	0.0430	16:16:46	Yes
2	3.132	3.132	0.0429	0.1750	0.0433	16:17:15	Yes
Mean:	3.124	3.124	0.0427				
SD:	0.011	0.011	0.0002				
%RSD:	0.365	0.365	0.36				

Sequence No.: 62
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 4:17:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.803	1.803	0.0248	0.1007	0.0252	16:18:26	Yes
2	1.812	1.812	0.0249	0.1011	0.0253	16:18:56	Yes
3	1.812	1.812	0.0249	0.1014	0.0253	16:19:25	Yes
Mean:	1.809	1.809	0.0248				
SD:	0.005	0.005	0.0001				
%RSD:	0.268	0.268	0.27				

QC value within limits for Hg 253.7 Recovery = 90.45%
All analyte(s) passed QC.

Sequence No.: 63
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 4:19:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.019	-0.019	-0.0001	0.0017	0.0003	16:20:35	Yes
2	-0.017	-0.017	-0.0000	0.0019	0.0004	16:21:04	Yes
3	-0.020	-0.020	-0.0001	0.0015	0.0003	16:21:34	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.462	8.462	39.35				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 64
Sample ID: B045193-DUP1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 1/30/2012 4:21:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-DUP1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.284	0.284	0.0041	0.0186	0.0045	16:22:44	Yes
2	0.286	0.286	0.0041	0.0183	0.0045	16:23:14	Yes
Mean:	0.285	0.285	0.0041				
SD:	0.001	0.001	0.0000				
%RSD:	0.413	0.413	0.39				

Sequence No.: 65
Sample ID: B045193-MS1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 1/30/2012 4:23:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-MS1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.909	1.909	0.0262	0.1072	0.0266	16:24:27	Yes
2	1.918	1.918	0.0263	0.1073	0.0267	16:24:56	Yes
Mean:	1.913	1.913	0.0263				
SD:	0.006	0.006	0.0001				
%RSD:	0.332	0.332	0.33				

Sequence No.: 66
Sample ID: B045193-MSD1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 1/30/2012 4:25:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: B045193-MSD1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.933	1.933	0.0265	0.1091	0.0269	16:26:09	Yes
2	1.930	1.930	0.0265	0.1082	0.0269	16:26:38	Yes
Mean:	1.931	1.931	0.0265				
SD:	0.002	0.002	0.0000				
%RSD:	0.092	0.092	0.09				

Sequence No.: 67
Sample ID: 12A0882-04
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 1/30/2012 4:26:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.260	0.260	0.0037	0.0163	0.0042	16:27:51	Yes
2	0.260	0.260	0.0037	0.0165	0.0042	16:28:20	Yes
Mean:	0.260	0.260	0.0037				
SD:	0.000	0.000	0.0000				
%RSD:	0.100	0.100	0.09				

Sequence No.: 68
Sample ID: 12A0842-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 135
Date Collected: 1/30/2012 4:28:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0842-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.039	0.039	0.0007	0.0052	0.0011	16:29:33	Yes
2	0.041	0.041	0.0008	0.0052	0.0012	16:30:03	Yes
Mean:	0.040	0.040	0.0007				
SD:	0.002	0.002	0.0000				
%RSD:	4.025	4.025	2.94				

Sequence No.: 69
Sample ID: 12A0850-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 1/30/2012 4:30:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0850-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.897	2.897	0.0397	0.1628	0.0401	16:31:16	Yes
2	2.889	2.889	0.0395	0.1617	0.0399	16:31:45	Yes
Mean:	2.893	2.893	0.0396				
SD:	0.006	0.006	0.0001				
%RSD:	0.211	0.211	0.21				

Sequence No.: 70
Sample ID: 12A0853-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 1/30/2012 4:32:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.172	1.172	0.0162	0.0668	0.0166	16:32:58	Yes
2	1.174	1.174	0.0162	0.0670	0.0166	16:33:27	Yes
Mean:	1.173	1.173	0.0162				
SD:	0.001	0.001	0.0000				
%RSD:	0.104	0.104	0.10				

Sequence No.: 71
Sample ID: 12A0853-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 138
Date Collected: 1/30/2012 4:33:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.591	0.591	0.0082	0.0349	0.0087	16:34:40	Yes
2	0.583	0.583	0.0081	0.0339	0.0085	16:35:09	Yes
Mean:	0.587	0.587	0.0082				
SD:	0.006	0.006	0.0001				
%RSD:	0.966	0.966	0.94				

Sequence No.: 72
Sample ID: 12A0853-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 139
Date Collected: 1/30/2012 4:35:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0853-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.407	0.407	0.0057	0.0246	0.0062	16:36:22	Yes
2	0.410	0.410	0.0058	0.0256	0.0062	16:36:51	Yes
Mean:	0.409	0.409	0.0058				
SD:	0.002	0.002	0.0000				

%RSD: 0.471 0.471 0.45

Sequence No.: 73
Sample ID: 12A0878-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 140
Date Collected: 1/30/2012 4:37:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.767	6.767	0.0923	0.3762	0.0928	16:38:05	Yes
	Sample concentration is greater than that of the highest standard.						
2	6.771	6.771	0.0924	0.3752	0.0928	16:38:34	Yes
	Sample concentration is greater than that of the highest standard.						
Mean:	6.769	6.769	0.0924				
SD:	0.002	0.002	0.0000				
%RSD:	0.034	0.034	0.03				
	Sample concentration is greater than that of the highest standard.						

Sequence No.: 74
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 4:38:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.789	1.789	0.0246	0.1001	0.0250	16:39:45	Yes
2	1.788	1.788	0.0245	0.1004	0.0250	16:40:14	Yes
3	1.792	1.792	0.0246	0.1017	0.0250	16:40:43	Yes
Mean:	1.790	1.790	0.0246				
SD:	0.002	0.002	0.0000				
%RSD:	0.111	0.111	0.11				

QC value within limits for Hg 253.7 Recovery = 89.48%
All analyte(s) passed QC.

Sequence No.: 75
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 4:41:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.022	-0.022	-0.0001	0.0013	0.0003	16:41:52	Yes
2	-0.017	-0.017	-0.0000	0.0017	0.0004	16:42:21	Yes
3	-0.018	-0.018	-0.0000	0.0020	0.0004	16:42:51	Yes
Mean:	-0.019	-0.019	-0.0001				
SD:	0.003	0.003	0.0000				
%RSD:	14.36	14.36	65.46				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 76
Sample ID: 12A0878-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 141
Date Collected: 1/30/2012 4:43:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-02

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1	5.020	5.020	0.0686	0.2779	0.0690	16:44:02	Yes
2	5.014	5.014	0.0685	0.2741	0.0689	16:44:31	Yes
Mean:	5.017	5.017	0.0685				
SD:	0.004	0.004	0.0001				
%RSD:	0.080	0.080	0.08				

Sequence No.: 77
Sample ID: 12A0880-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 142
Date Collected: 1/30/2012 4:44:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.299	4.299	0.0587	0.2400	0.0592	16:45:44	Yes
2	4.282	4.282	0.0585	0.2385	0.0589	16:46:13	Yes
Mean:	4.291	4.291	0.0586				
SD:	0.012	0.012	0.0002				
%RSD:	0.291	0.291	0.29				

Sequence No.: 78
Sample ID: 12A0880-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 143
Date Collected: 1/30/2012 4:46:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.241	0.241	0.0035	0.0142	0.0039	16:47:27	Yes
2	0.255	0.255	0.0037	0.0168	0.0041	16:47:55	Yes
Mean:	0.248	0.248	0.0036				
SD:	0.010	0.010	0.0001				
%RSD:	3.912	3.912	3.69				

Sequence No.: 79
Sample ID: 12A0880-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 144
Date Collected: 1/30/2012 4:48:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.649	1.649	0.0227	0.0938	0.0231	16:49:08	Yes
2	1.658	1.658	0.0228	0.0929	0.0232	16:49:38	Yes
Mean:	1.653	1.653	0.0227				
SD:	0.007	0.007	0.0001				
%RSD:	0.408	0.408	0.40				

Sequence No.: 80
Sample ID: 12A0880-04
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 145
Date Collected: 1/30/2012 4:49:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-04

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	25.19	25.19	0.3432	1.4365	0.3436	16:50:51	Yes
	Sample concentration is greater than that of the highest standard.						
2	25.23	25.23	0.3437	1.4374	0.3441	16:51:20	Yes

Sample concentration is greater than that of the highest standard.

Mean:	25.21	25.21	0.3434
SD:	0.028	0.028	0.0004
%RSD:	0.110	0.110	0.11

Sample concentration is greater than that of the highest standard.

Sequence No.: 81
Sample ID: 12A0880-05
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 146
Date Collected: 1/30/2012 4:51:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-05

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.230	1.230	0.0169	0.0691	0.0174	16:52:34	Yes
2	1.222	1.222	0.0168	0.0692	0.0173	16:53:03	Yes
Mean:	1.226	1.226	0.0169				
SD:	0.005	0.005	0.0001				
%RSD:	0.420	0.420	0.41				

Sequence No.: 82
Sample ID: 12A0880-06
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 147
Date Collected: 1/30/2012 4:53:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-06

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.823	0.823	0.0114	0.0478	0.0118	16:54:16	Yes
2	0.820	0.820	0.0114	0.0464	0.0118	16:54:45	Yes
Mean:	0.821	0.821	0.0114				
SD:	0.002	0.002	0.0000				
%RSD:	0.261	0.261	0.26				

User canceled analysis.

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 1
Sample ID: SEQ-ICV
Analyst:
Initial Sample Wt:
Dilution:
User canceled analysis.

Autosampler Location: 7
Date Collected: 1/30/2012 4:54:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Analysis Begun

Logged In Analyst: FIMS100
Spectrometer Model: FIMS-100, S/N B050-9550
Technique: AA FIMS-MHS
Autosampler Model: S10

Sample Information File: C:\data-AA\MTM\Sample Information\013012.sif
Batch ID:
Results Data Set: 013012
Results Library: C:\data-AA\MTM\Results\Results.mdb

Sequence No.: 83
Sample ID: 12A0882-01
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 148
Date Collected: 1/30/2012 4:55:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-01

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.363	0.363	0.0051	0.0213	0.0056	16:56:10	Yes
2	0.363	0.363	0.0051	0.0218	0.0056	16:56:39	Yes
Mean:	0.363	0.363	0.0051				
SD:	0.000	0.000	0.0000				
%RSD:	0.023	0.023	0.02				

Sequence No.: 84
Sample ID: 12A0882-02
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 149
Date Collected: 1/30/2012 4:57:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-02

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.767	0.767	0.0106	0.0446	0.0111	16:57:52	Yes
2	0.766	0.766	0.0106	0.0449	0.0110	16:58:21	Yes
Mean:	0.766	0.766	0.0106				
SD:	0.001	0.001	0.0000				
%RSD:	0.109	0.109	0.11				

Sequence No.: 85
Sample ID: 12A0882-03
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 150
Date Collected: 1/30/2012 4:58:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0882-03

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.503	0.503	0.0070	0.0305	0.0075	16:59:34	Yes
2	0.508	0.508	0.0071	0.0307	0.0075	17:00:04	Yes
Mean:	0.505	0.505	0.0071				
SD:	0.003	0.003	0.0000				
%RSD:	0.663	0.663	0.64				

Sequence No.: 86
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 5:00:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.826	1.826	0.0251	0.1026	0.0255	17:01:16	Yes
2	1.823	1.823	0.0250	0.1012	0.0254	17:01:45	Yes
3	1.821	1.821	0.0250	0.1019	0.0254	17:02:14	Yes
Mean:	1.823	1.823	0.0250				
SD:	0.003	0.003	0.0000				
%RSD:	0.153	0.153	0.15				

QC value within limits for Hg 253.7 Recovery = 91.17%
All analyte(s) passed QC.

Sequence No.: 87
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 5:02:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.020	-0.020	-0.0001	0.0017	0.0003	17:03:24	Yes
2	-0.023	-0.023	-0.0001	0.0008	0.0003	17:03:53	Yes
3	-0.022	-0.022	-0.0001	0.0011	0.0003	17:04:23	Yes
Mean:	-0.022	-0.022	-0.0001				
SD:	0.002	0.002	0.0000				
%RSD:	8.156	8.156	25.07				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 88
Sample ID: 12A0878-01 2X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 153
Date Collected: 1/30/2012 5:04:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0878-01 2X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.506	3.506	0.0479	0.1955	0.0484	17:05:34	Yes
2	3.514	3.514	0.0481	0.1953	0.0485	17:06:03	Yes
Mean:	3.510	3.510	0.0480				
SD:	0.006	0.006	0.0001				
%RSD:	0.166	0.166	0.17				

Sequence No.: 89
Sample ID: 12A0878-02 2X
Analyst:
Initial Sample Wt:

Autosampler Location: 154
Date Collected: 1/30/2012 5:06:24 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Replicate Data: 12A0878-02 2X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.789	2.789	0.0382	0.1558	0.0386	17:07:16	Yes
2	2.784	2.784	0.0381	0.1549	0.0385	17:07:46	Yes
Mean:	2.787	2.787	0.0381				
SD:	0.004	0.004	0.0001				
%RSD:	0.140	0.140	0.14				

Sequence No.: 90
Sample ID: 12A0880-04 10X
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 155
Date Collected: 1/30/2012 5:08:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: 12A0880-04 10X

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.841	2.841	0.0389	0.1583	0.0393	17:08:59	Yes
2	2.832	2.832	0.0388	0.1566	0.0392	17:09:29	Yes
Mean:	2.837	2.837	0.0388				
SD:	0.006	0.006	0.0001				
%RSD:	0.227	0.227	0.23				

Sequence No.: 91
Sample ID: SEQ-CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 1/30/2012 5:09:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.831	1.831	0.0251	0.1027	0.0255	17:10:40	Yes
2	1.832	1.832	0.0252	0.1029	0.0256	17:11:10	Yes
3	1.839	1.839	0.0252	0.1027	0.0256	17:11:39	Yes
Mean:	1.834	1.834	0.0252				
SD:	0.004	0.004	0.0001				
%RSD:	0.237	0.237	0.23				

QC value within limits for Hg 253.7 Recovery = 91.70%
All analyte(s) passed QC.

Sequence No.: 92
Sample ID: SEQ-CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 1/30/2012 5:11:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Replicate Data: SEQ-CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.017	-0.017	-0.0000	0.0016	0.0004	17:12:48	Yes
2	-0.019	-0.019	-0.0001	0.0012	0.0004	17:13:17	Yes
3	-0.019	-0.019	-0.0001	0.0012	0.0004	17:13:47	Yes
Mean:	-0.018	-0.018	-0.0000				
SD:	0.001	0.001	0.0000				
%RSD:	5.082	5.082	26.00				

QC value within limits for Hg 253.7 Recovery = Not calculated
All analyte(s) passed QC.

Analytical Sequence
Method: main

Seq.	Loc.	ID	Status

con-test® ANALYTICAL LABORATORY
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WET

con-test® ANALYTICAL LABORATORY
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SAMPLE DATA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB01

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-01
Sampled:	01/27/12 10:00		
% Solids:	94.60		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.40	0.45	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	94.6			1		B045524	02/03/12 11:20	SM 2540G

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-02
Sampled:	01/27/12 11:00		
% Solids:	92.90		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.30	0.34	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	92.9			1		B045524	02/03/12 11:20	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB02/D

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-03
Sampled:	01/27/12 11:00		
% Solids:	92.80		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.38	0.42	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	92.8			1		B045524	02/03/12 11:20	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET
FPC-SB03

Laboratory:	Con-Test Analytical Laboratory	SDG:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Laboratory ID:	12A0882-04
Sampled:	01/27/12 12:00		
% Solids:	91.50		

CAS NO.	Analyte	Concentration (mg/Kg dry)	MDL	RL	DF	Q	Batch	Analyzed	Method
57-12-5	Cyanide		0.35	0.38	1	U	B045459	02/03/12 09:05	SW846 9014

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	91.5			1		B045524	02/03/12 11:20	SM 2540G

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

INITIAL AND CONTINUING CALIBRATION CHECK

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Instrument ID:	INST	Calibration:	
		Sequence:	

Lab Sample ID	Analyte	True	Found	%R	Units	Control Limit
B045459-CCV1	Cyanide	15.7	15.1	96.0	mg/Kg wet	+/- 15.00%

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Matrix:	Soil	Preparation:	NO PREP
Batch:	B045459	Laboratory ID:	B045459-BS1
Column:		Initial/Final:	1.0625 g / 50 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Cyanide	51.9	52	100	80 - 120

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cyanide	51.6	53	102	1.63	20	80 - 120

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory
Work Order: 12A0882
Client: Ecology & Environment
Matrix: Soil
Instrument: Inst

Analyte	MDL	MRL	Units	Method
Cyanide	0.45	0.50	mg/Kg	SW846 9014

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SW846 9014

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045459 Batch Matrix: Soil	Preparation:	NO PREP

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/03/12 09:05	1.18	50.00
FPC-SB02	12A0882-02	02/03/12 09:05	1.61	50.00
FPC-SB02/D	12A0882-03	02/03/12 09:05	1.27	50.00
FPC-SB03	12A0882-04	02/03/12 09:05	1.42	50.00
Blank	B045459-BLK1	02/03/12 09:05	1.05	50.00
LCS	B045459-BS1	02/03/12 09:05	1.06	50.00
LCS Dup	B045459-BSD1	02/03/12 09:05	1.07	50.00
Calibration Check	B045459-CCV1	02/03/12 09:05	1.02	50.00

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PREPARATION BATCH SUMMARY

SM 2540G

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12A0882
Client:	Ecology & Environment	Project:	002699.ID25.03 - Farmingdale, NY
Batch:	B045524 Batch Matrix: Soil	Preparation:	% Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
FPC-SB01	12A0882-01	02/02/12 23:49	5.00	5.00
FPC-SB02	12A0882-02	02/02/12 23:49	5.00	5.00
FPC-SB02/D	12A0882-03	02/02/12 23:49	5.00	5.00
FPC-SB03	12A0882-04	02/02/12 23:49	5.00	5.00

PREPARATION BENCH SHEET

B045459

Con-Test Analytical Laboratory

Printed: 2/3/2012 12:37:11PM

Matrix: Soil **Prepared using: WET CHEMISTRY - NO PREP** DI V ABS **(No Surrogate)**

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments	
12A0882-01	Cyanide, Total by SW8	02/03/12 09:05	1.1809	50				1	Ecology & Environment	.001	
12A0882-02	Cyanide, Total by SW8	02/03/12 09:05	1.6058	50				1	Ecology & Environment	.002	
12A0882-03	Cyanide, Total by SW8	02/03/12 09:05	1.2719	50				1	Ecology & Environment	.003	
12A0882-04	Cyanide, Total by SW8	02/03/12 09:05	1.4202	50				1	Ecology & Environment	.002	
12B0047-01	Cyanide, Total by SW8	02/03/12 09:05	1.3284	50				1		.002	
B045459-BLK1	QC	02/03/12 09:05	1.0467	50				1		.000	
B045459-BS1	QC	02/03/12 09:05	1.0625	50	1108140		1000	2x	N=55.1 mg/kg	.803	100%
B045459-BSD1	QC	02/03/12 09:05	1.0687	50	1108140		1000	2x		.821	102%
B045459-CCV1	QC ICV	02/03/12 09:05	1.0231	50	1202012		10	1	N=0.323 mg/L	.449	96%
B045459-MS1	QC	02/03/12 09:05	1.3857	50	1202012	12B0047-01	10	1		.451	96%
B045459-MSD1	QC	02/03/12 09:05	1.2826	50	1202012	12B0047-01	10	1		.426	91%

NAOH (WC35-399)
C-T (WC36-026)
PBA (WC36-021)
Buffer (WC35-376)

18N H_2SO_4 (WC35-278)
$MgCl_2$ (WC35-308)
Sulfamic Acid (EM 49189937)

CCV .412 = 0.284 mg/L 95%
CCB .000 = 0.002
N=.3

genesys #352ec
lpp# 3431147
4497797

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Import Spec. - WC Water

Initial Calibration Date:		**Test Code:**	
Analyst:	VAK	**Prep Date/Time:**	2/3/12 9:05
		Analysis Date/Time:	2/3/12 9:05
Analyte:	Cyanide	**Units:**	mg/Kg
Method:	SM4500NH3-C		

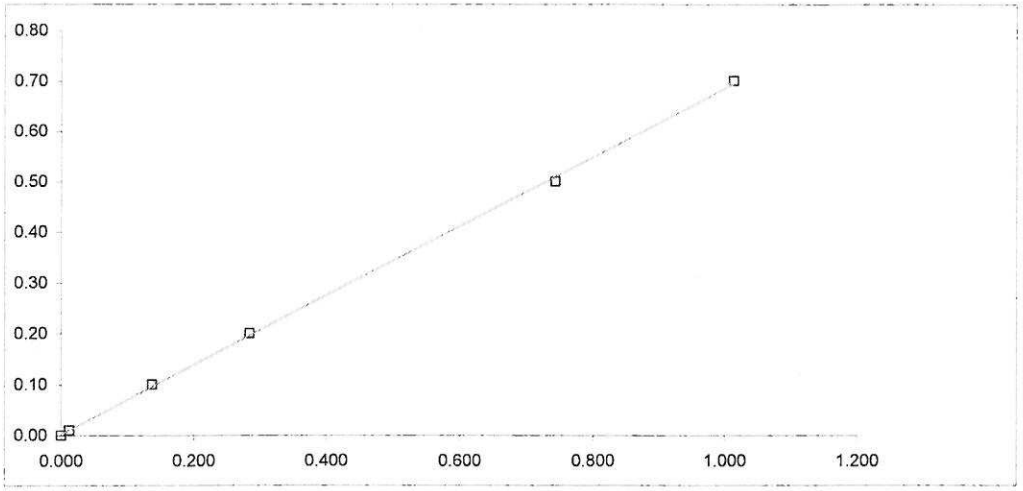
Measured Response	Standards I.D.	Actual Concentration	Calculated Value (linear)
0.000		0.00	0.002
0.012		0.01	0.011
0.137		0.10	0.096
0.284		0.20	0.196
0.743		0.50	
1.013		0.70	

Batch ID: B045459

LINEAR EQUATION

y=a+bx

a=	-0.0035819
b=	1.4639016
r=	0.9997981



Volume Initial

Volume Final

Calculation: mg/L = (Raw value from curve) * DF

Calculation: mg/kg = (Raw value from curve) * (Extract Vol./Sample Wt.) * DF

Import Spec. - WC_Water

#	Sample ID	Client ID	SampType	Response (abs)	Analytical Time	Sample Aliquot (gms)	Sample Vol (mls)	Extraction Volume (mls)	DF	Analyte	Net DF	RawVal	Final Conc. mg/L
	12A0882-01	FPC-SB01	Sample	0.001	2/3/12 9:05	1.1809		50	1		1	0.003129933	0
	12A0882-02	FPC-SB02	Sample	0.002	2/3/12 9:05	1.6058		50	1		0.73539668	0.003813039	0
	12A0882-03	FPC-SB02/D	Sample	0.003	2/3/12 9:05	1.2719		50	1		0.92845345	0.004496145	0
	12A0882-04	FPC-SB03	Sample	0.002	2/3/12 9:05	1.4202		50	1		0.83150262	0.003813039	0
	12B0047-01	TP-2	Sample	0.002	2/3/12 9:05	1.3284		50	1		0.88896412	0.003813039	0
	B045459-BLK1	-	Blank	0.000	2/3/12 9:05	1.0467		50	1		1.12821245	0.002446827	0
	B045459-BS1	-	LCS	0.803	2/3/12 9:05	1.0625		50	2		2.22287059	0.550980926	0
	B045459-BSD1	-	LCS Dup	0.821	2/3/12 9:05	1.0687		50	2		2.20997477	0.563276827	0
	B045459-CCV1	-	Calibration Check	0.449	2/3/12 9:05	1.0231		50	1		1.15423703	0.309161425	0
	B045459-MS1	12B0047-01	Matrix Spike	0.451	2/3/12 9:05	1.3857		50	1		0.85220468	0.310527653	0
	B045459-MSD1	12B0047-01	Matrix Spike Dup	0.426	2/3/12 9:05	1.2826		50	1		0.92070788	0.293449998	0

O

Final Conc. mg/kg
0.132523209
0.118727088
0.176749155
0.134243041
0.143519998
0.116882928
51.85702896
52.7067337
15.1090517
11.20472145
11.43965244

Lab ID	Client ID	Analysis	Analyte	Inst result	Final result	Units	T.V.	%Rec	RPD
12A0882-01									
	FPC-SB01	Cyanide, Total by SW846	Cyanide	0.0031	0.14	mg/Kg			
12A0882-02									
	FPC-SB02	Cyanide, Total by SW846	Cyanide	0.0038	0.13	mg/Kg			
12A0882-03									
	FPC-SB02/D	Cyanide, Total by SW846	Cyanide	0.0045	0.19	mg/Kg			
12A0882-04									
	FPC-SB03	Cyanide, Total by SW846	Cyanide	0.0038	0.15	mg/Kg			
12B0047-01									
	TP-2	Cyanide, Total by SW846	Cyanide	0.0038	0.14	mg/Kg			
B045459-BLK1									
	Blank	Cyanide, Total by SW846	Cyanide	0.0024	0.12	mg/Kg			
B045459-BS1									
	LCS	Cyanide, Total by SW846	Cyanide	0.5510	52	mg/Kg	51.9	99.9965	
B045459-BSD1									
	LCS Dup	Cyanide, Total by SW846	Cyanide	0.5633	53	mg/Kg	51.6	102.228	1.62523
B045459-CCV1									
	Calibration Chec	Cyanide, Total by SW846	Cyanide	0.3092	15.1	mg/Kg	15.7	96.0128	
B045459-MS1									
	Matrix Spike	Cyanide, Total by SW846	Cyanide	0.3105	11	mg/Kg	11.6	96.4371	
B045459-MSD1									
	Matrix Spike Du	Cyanide, Total by SW846	Cyanide	0.2934	11	mg/Kg	12.6	91.1334	2.07495

Approved By: _____ Approved date: _____

CONTEST LABORATORY

PERCENT SOLIDS

analyst	sample#	dish		dish&sample		time	date	sample	dried dish&sample		time	date	dried sample	% solid
803														
	B045524		g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
ESH	12A0853-01	1.292	g	10.186	g	04:21	02/03/2012	8.8940	9.082	g	11:05	02/03/2012	7.7900	87.6
ESH	12A0853-02	1.289	g	10.805	g	04:21	02/03/2012	9.5160	9.063	g	11:05	02/03/2012	7.7740	81.7
ESH	12A0853-03	1.273	g	15.509	g	04:21	02/03/2012	14.2360	11.240	g	11:06	02/03/2012	9.9670	70.0
ESH	12A0882-01	1.281	g	11.654	g	04:22	02/03/2012	10.3730	11.097	g	11:06	02/03/2012	9.8160	94.6
ESH	12A0882-02	1.288	g	12.279	g	04:22	02/03/2012	10.9910	11.499	g	11:06	02/03/2012	10.2110	92.9
ESH	12A0882-03	1.288	g	12.452	g	04:22	02/03/2012	11.1790	11.652	g	11:06	02/03/2012	10.3790	92.8
ESH	12A0882-04	1.27	g	12.845	g	04:22	02/03/2012	11.5750	11.856	g	11:06	02/03/2012	10.5860	91.5
ESH	12A0893-01	1.294	g	12.031	g	04:22	02/03/2012	10.7500	10.809	g	11:06	02/03/2012	9.5280	88.6
ESH	12A0893-02	1.292	g	15.367	g	04:22	02/03/2012	14.0750	13.196	g	11:06	02/03/2012	11.9040	84.6
ESH	12A0893-03	1.293	g	9.965	g	04:22	02/03/2012	8.6770	8.429	g	11:07	02/03/2012	7.1410	82.3
ESH	12A0893-04	1.288	g	13.165	g	04:22	02/03/2012	11.8770	11.585	g	11:07	02/03/2012	10.2970	86.7
ESH	12A0893-05	1.272	g	15.808	g	04:23	02/03/2012	14.5360	13.974	g	11:07	02/03/2012	12.7020	87.4
ESH	12A0893-06	1.277	g	17.861	g	04:23	02/03/2012	16.5840	15.607	g	11:07	02/03/2012	14.3300	86.4
ESH	12A0893-07	1.302	g	12.592	g	04:23	02/03/2012	11.2900	10.964	g	11:08	02/03/2012	9.6620	85.6
ESH	12A0893-08	1.309	g	9.618	g	04:23	02/03/2012	8.3090	8.339	g	11:08	02/03/2012	7.0300	84.6
ESH	12A0893-09	1.308	g	18.712	g	04:23	02/03/2012	17.4040	16.666	g	11:08	02/03/2012	15.3580	88.2
ESH	12A0893-10	1.307	g	14.684	g	04:23	02/03/2012	13.3770	13.271	g	11:08	02/03/2012	11.9640	89.4
ESH	12A0893-11	1.306	g	14.736	g	04:23	02/03/2012	13.4300	13.180	g	11:08	02/03/2012	11.8740	88.4
ESH	12A0896-01	1.299	g	11.118	g	04:23	02/03/2012	9.8190	9.016	g	11:08	02/03/2012	7.7170	78.6
ESH	12A0898-01	1.292	g	14.833	g	04:24	02/03/2012	13.5410	12.540	g	11:09	02/03/2012	11.2480	83.1
ESH	12A0898-02	1.284	g	17.059	g	04:24	02/03/2012	15.7750	12.778	g	11:09	02/03/2012	11.4940	72.9
ESH	12A0898-03	1.29	g	10.028	g	04:24	02/03/2012	8.7380	8.326	g	11:09	02/03/2012	7.0360	80.5
ESH	12A0898-04	1.275	g	16.364	g	04:24	02/03/2012	15.0890	13.269	g	11:09	02/03/2012	11.9940	79.5
ESH	12A0898-05	1.273	g	10.532	g	04:24	02/03/2012	9.2590	8.588	g	11:09	02/03/2012	7.3150	79.0
ESH	12A0899-01	1.271	g	17.377	g	04:24	02/03/2012	16.1060	15.167	g	11:09	02/03/2012	13.8960	86.3
ESH	12A0899-02	1.278	g	14.069	g	04:24	02/03/2012	12.7910	12.101	g	11:10	02/03/2012	10.8230	84.6
ESH	12A0899-03	1.275	g	13.449	g	04:25	02/03/2012	12.1740	11.268	g	11:10	02/03/2012	9.9930	82.1
ESH	12A0899-04	1.274	g	15.37	g	04:25	02/03/2012	14.0960	12.845	g	11:10	02/03/2012	11.5710	82.1
ESH	12A0906-01	1.284	g	14.432	g	04:25	02/03/2012	13.1480	13.082	g	11:10	02/03/2012	11.7980	89.7
ESH	12A0906-03	1.287	g	17.381	g	04:25	02/03/2012	16.0940	15.693	g	11:10	02/03/2012	14.4060	89.5

ESH	12A0906-05	1.293	g	18.05	g	04:25	02/03/2012	16.7570	16.417	g	11:11	02/03/2012	15.1240	90.3
ESH	12A0906-07	1.287	g	13.345	g	04:25	02/03/2012	12.0580	12.157	g	11:11	02/03/2012	10.8700	90.1
ESH	12A0910-01	1.29	g	14.34	g	04:25	02/03/2012	13.0500	13.405	g	11:11	02/03/2012	12.1150	92.8
ESH	12A0910-02	1.292	g	15.197	g	04:26	02/03/2012	13.9050	13.863	g	11:11	02/03/2012	12.5710	90.4
ESH	12A0910-03	1.29	g	14.372	g	04:26	02/03/2012	13.0820	11.468	g	11:11	02/03/2012	10.1780	77.8
ESH	12A0910-04	1.292	g	10.849	g	04:26	02/03/2012	9.5570	9.937	g	11:11	02/03/2012	8.6450	90.5
ESH	12A0910-05	1.293	g	13.675	g	04:26	02/03/2012	12.3820	12.248	g	11:11	02/03/2012	10.9550	88.5
ESH	12A0922-01	1.29	g	14.007	g	04:26	02/03/2012	12.7170	12.030	g	11:12	02/03/2012	10.7400	84.5
ESH	12A0922-02	1.289	g	18.646	g	04:26	02/03/2012	17.3570	15.851	g	11:12	02/03/2012	14.5620	83.9
ESH	12A0922-03	1.28	g	12.839	g	04:26	02/03/2012	11.5590	10.898	g	11:12	02/03/2012	9.6180	83.2
ESH	12A0922-04	1.276	g	12.287	g	04:26	02/03/2012	11.0110	10.397	g	11:12	02/03/2012	9.1210	82.8
ESH	12A0957-01	1.276	g	9.517	g	04:27	02/03/2012	8.2410	3.311	g	11:12	02/03/2012	2.0350	24.7
ESH	12A0957-02	1.275	g	10.848	g	04:27	02/03/2012	9.5730	3.717	g	11:12	02/03/2012	2.4420	25.5
ESH	12A0957-03	1.28	g	11.05	g	04:27	02/03/2012	9.7700	8.086	g	11:12	02/03/2012	6.8060	69.7
ESH	12B0034-01	1.3	g	12.882	g	04:27	02/03/2012	11.5820	11.779	g	11:13	02/03/2012	10.4790	90.5
ESH	DUP5-12A0893-04	1.295	g	12.096	g	04:27	02/03/2012	10.8010	10.779	g	11:13	02/03/2012	9.4840	87.8
ESH	DUP6-12A0893-11	1.29	g	14.718	g	04:27	02/03/2012	13.4280	13.119	g	11:13	02/03/2012	11.8290	88.1
ESH	DUP7-12A0893-04	1.292	g	16.676	g	04:27	02/03/2012	15.3840	13.440	g	11:13	02/03/2012	12.1480	79.0
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######
			g		g			0.0000		g			0.0000	######