UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 CHICAGO REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605

Date: 12/1/2008

Subject: Review of Region 5 Data for Techalloy

From: Chi Tang
Region 5 Chicago Regional Laboratory

To: RCRA, LCD, US EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604

The data being transmitted under this cover memo successfully passed CRL's internal data review procedures as documented in our current Quality Management Plan (QMP) and appropriate Standard Operating Procedures (SOPs). Please be aware that CRL does not perform data validation which is based on your data quality objectives This function must be performed independently of the laboratory generating the data.

Results in this report represent only the samples analyzed

Please have the U.S. EPA Project Manager/Officer call the CRL Sample Coordinator at (312) 353-7444 for any comments or questions.

Attached are Results for: Techalloy

Sylvia Griffin 02 DEC 2008

Data Management Coordinator and Date Received

Date Transmitted: 02 DEC 2008

Analyses included in this report:

Volatiles Full List x

Received by LCD - 12/4/09 Brian P. Freeman
Case Satisfactory - Given to Ms. Simon.

Environmental Protection Agency Region 5
Chicago Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

ANALYSIS CASE NARRATIVE
(312) 353-9068

General Information

12 water samples, to be analyzed for volatile organic compounds, were received at Chicago Regional Laboratory on October 21, 2008. All samples were preserved and analyzed within the sample holding time requirement

Sample Analysis and Results

Samples were stored in the refrigerator at all times, except when in use. Samples were analyzed for VOA following CRL SOP MS023 Revision 5. No target compounds were detected above the report limits in any of the 12 water samples.

Quality Control

Initial Calibration (IC):

An IC was run on October 22, 2008 for water samples. Bromomethane, 2,2-Dichloropropane and Carbon Tetrachloride failed the 30% RSD QC limit. Since none of the three compounds were detected above the report limit in any of the 12 water samples analyzed on October 22, 2008, these three compounds were not included in the final report

The IC was checked with a separate IC Check solution and six compounds, Carbon Tetrachloride, Dibromomethane, Bromodichloromethane, 1,1,1,2-Tetrachloroethane, Bromoform and 1,1,2,2-Tetrachloroethane failed the QC limit of 30%.

Closing Continuing Calibration (CCC):

The Laboratory Control Spike (B810031-BS1) was also served as the CCC. The CCC had 10 compounds, 1,1,1-Trichloroethane, Carbon Tetrachloride, 1,2-Dichloroethane, Dibromomethane, Bromodichloromethane, Dibromochloromethane, 1,1,1,2-Tetrachloroethane, Bromoform, 1,1,2,2-Tetrachloroethane and 1,2-Dibromo-3chloropropane failed the QC limit of 25% D. Results for these 10 compounds were qualified with "J" for detected and with "UJ" for non-detected.

Laboratory Control Spike/Laboratory Control Spike Duplicate (LCS/LCSD)

The recoveries for trans-1,2-Dichloroethene, Carbon Tetrachloride, Dibromomethane, Bromodichloromethane, Dibromochloromethane, and 1,1,1,2-Trichloroethane exceeded the upper control limit for both the LCS/LCSD (B810031- BS1/BSD1) samples. Since none of the six compounds was detected above the report limits in any of the 12 samples, the report limits for these six compounds were not qualified There were additional compounds in the B810031-BSD1sample that had recoveries exceeded the upper control limits, results for these compounds were not quailed because none of them was detected in any field samples

The other quality controls not specifically discussed in this section met CRL's quality criteria specified in the SOP

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WORK ORDER **Printed: 10/21/2008 3:58:06PM**

0810013

US EPA Region 5 Chicago Regional Laboratory

Client: RCRA, LCD, US EPA Region 5 **Project Manager:** Marilyn Jupp
Project: Techalloy **Project Number:** [none]

Report To:
Bhooma Sudar
RCRA, LCD, US EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
Phone: (312)886-1660
Fax: (312) 353-2001

Date Due: Dec-07-08 15:00 (45 day TAT)
Received By: William Sargent Date Received: Oct-21-08 12:53
Logged In By: William Sargent Date Logged In: Oct-21-08 15:03

Samples Received at: 2.4°C
All containers intact: Yes
Sample labels/COC agree: Yes
Samples Preservation Confirmed: Yes
Custody Seals Present: Yes

Analysis	Due	TAT	Expires	Comments
0810013-01 TB01-Trip Blank 1 [Water] Sampled Oct-20-08 08:40 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 08:40	
0810013-02 S01-SB Nursery [Water] Sampled Oct-20-08 09:05 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 09:05	
0810013-03 D01-SB Nursery [Water] Sampled Oct-20-08 09:06 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 09:06	
0810013-04 S02-18017 [Water] Sampled Oct-20-08 10:00 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 10:00	
0810013-05 S03-18010 [Water] Sampled Oct-20-08 10:35 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 10:35	
0810013-06 S04-18216 MS/MSD [Water] Sampled Oct-20-08 11:15 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 11:15	
0810013-07 S05-18314 [Water] Sampled Oct-20-08 11:55 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 11:55	
0810013-08 S06-18408 [Water] Sampled Oct-20-08 12:30 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 12:30	

WORK ORDER

Printed: 10/21/2008 3:58:06PM

0810013

US EPA Region 5 Chicago Regional Laboratory

Client: RCRA, LCD, US EPA Region 5
Project: Techalloy

Project Manager: Marilyn Jupp
Project Number: [none]

Analysis	Due	TAT	Expires	Comments
0810013-09 S07-18516 [Water] Sampled Oct-20-08 14:30 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 14:30	
0810013-10 S08-18603 [Water] Sampled Oct-20-08 14:55 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 14:55	
0810013-11 S09-18610 [Water] Sampled Oct-20-08 15:15 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 15:15	
0810013-12 S10-17214 [Water] Sampled Oct-20-08 15:55 Central				
Volatiles Full List x	Dec-07-08 12:00	45	Nov-03-08 15:55	

Reviewed By

Date

Environmental Protection Agency Region 5
Chicago Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB01-Trip Blank 1	0810013-01	Water	Oct-20-08 08:40	Oct-21-08 12:53
S01-SB Nursery	0810013-02	Water	Oct-20-08 09:05	Oct-21-08 12:53
D01-SB Nursery	0810013-03	Water	Oct-20-08 09:06	Oct-21-08 12:53
S02-18017	0810013-04	Water	Oct-20-08 10:00	Oct-21-08 12:53
S03-18010	0810013-05	Water	Oct-20-08 10:35	Oct-21-08 12:53
S04-18216 MS/MSD	0810013-06	Water	Oct-20-08 11:15	Oct-21-08 12:53
S05-18314	0810013-07	Water	Oct-20-08 11:55	Oct-21-08 12:53
S06-18408	0810013-08	Water	Oct-20-08 12:30	Oct-21-08 12:53
S07-18516	0810013-09	Water	Oct-20-08 14:30	Oct-21-08 12:53
S08-18603	0810013-10	Water	Oct-20-08 14:55	Oct-21-08 12:53
S09-18610	0810013-11	Water	Oct-20-08 15:15	Oct-21-08 12:53
S10-17214	0810013-12	Water	Oct-20-08 15:55	Oct-21-08 12:53

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RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

TB01-Trip Blank 1 (0810013-01) Water Sampled: Oct-20-08 08:40 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"

Chi Tang, Analyst

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

TB01-Trip Blank 1 (0810013-01) Water Sampled: Oct-20-08 08:40 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Chloroform	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

TB01-Trip Blank 1 (0810013-01) Water Sampled: Oct-20-08 08:40 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
2-Hexanone	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"

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77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

TB01-Trip Blank 1 (0810013-01) Water Sampled: Oct-20-08 08:40 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
4-Chlorotoluene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.47			*94.7 %*	*63.1-112*		"	"	"

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US EPA Region 5 Chicago Regional Laboratory

TB01-Trip Blank 1 (0810013-01) Water Sampled: Oct-20-08 08:40 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Surrogate: Toluene-d8	9.55			*95.5 %*		*77.5-115*	*B810031*	*Oct-22-08*	*Oct-22-08*
Surrogate: 4-Bromofluorobenzene	10.7			*107 %*		*71.5-137*	*"*	*"*	*"*

S01-SB Nursery (0810013-02) Water Sampled: Oct-20-08 09:05 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"

Chi Tang

Chi Tang, Analyst

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S01-SB Nursery (0810013-02) Water Sampled: Oct-20-08 09:05 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
2-Butanone	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"

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Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B

US EPA Region 5 Chicago Regional Laboratory

S01-SB Nursery (0810013-02) Water Sampled: Oct-20-08 09:05 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,2-Trichloroethane	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S01-SB Nursery (0810013-02) Water Sampled: Oct-20-08 09:05 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Bromobenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"

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S01-SB Nursery (0810013-02) Water Sampled: Oct-20-08 09:05 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,2,3-Trichloropropane	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.72			*97.2 %*	*63.1-112*	"	"	"	
Surrogate: Toluene-d8	9.77			*97.7 %*	*77.5-115*	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.1			*111 %*	*71.5-137*	"	"	"	

D01-SB Nursery (0810013-03) Water Sampled: Oct-20-08 09:06 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

D01-SB Nursery (0810013-03) Water Sampled: Oct-20-08 09:06 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Acrylonitrile	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

D01-SB Nursery (0810013-03) Water Sampled: Oct-20-08 09:06 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
4-Methyl-2-pentanone	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

D01-SB Nursery (0810013-03) Water Sampled: Oct-20-08 09:06 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Isopropylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

D01-SB Nursery (0810013-03) Water Sampled: Oct-20-08 09:06 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,2,4-Trichlorobenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.62			*96.2 %*	*63.1-112*		"	"	"
Surrogate: Toluene-d8	9.52			*95.2 %*	*77.5-115*		"	"	"
Surrogate: 4-Bromofluorobenzene	10.7			*107 %*	*71.5-137*		"	"	"

S02-18017 (0810013-04) Water Sampled: Oct-20-08 10:00 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S02-18017 (0810013-04) Water Sampled: Oct-20-08 10:00 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Acetone	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B

US EPA Region 5 Chicago Regional Laboratory

S02-18017 (0810013-04) Water Sampled: Oct-20-08 10:00 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dibromomethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S02-18017 (0810013-04) Water Sampled: Oct-20-08 10:00 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
o-Xylene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S02-18017 (0810013-04) Water Sampled: Oct-20-08 10:00 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
n-Butylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.92			*99.2 %*	*63.1-112*	"	"	"	
Surrogate: Toluene-d8	9.67			*96.7 %*	*77.5-115*	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.0			*110 %*	*71.5-137*	"	"	"	

S03-18010 (0810013-05) Water Sampled: Oct-20-08 10:35 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S03-18010 (0810013-05) Water Sampled: Oct-20-08 10:35 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Trichlorofluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S03-18010 (0810013-05) Water Sampled: Oct-20-08 10:35 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Benzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S03-18010 (0810013-05) Water Sampled: Oct-20-08 10:35 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,1,2-Tetrachloroethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S03-18010 (0810013-05) Water Sampled: Oct-20-08 10:35 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
p-Isopropyltoluene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"

Surrogate: Benzene-d6	9.93	*99.3 %*	*63.1-112*	"	"	"
Surrogate: Toluene-d8	9.74	*97.4 %*	*77.5-115*	"	"	"
Surrogate: 4-Bromofluorobenzene	10.5	*105 %*	*71.5-137*	"	"	"

S04-18216 MS/MSD (0810013-06) Water Sampled: Oct-20-08 11:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S04-18216 MS/MSD (0810013-06) Water Sampled: Oct-20-08 11:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Chloromethane	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S04-18216 MS/MSD (0810013-06) Water Sampled: Oct-20-08 11:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,1-Trichloroethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S04-18216 MS/MSD (0810013-06) Water Sampled: Oct-20-08 11:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dibromochloromethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S04-18216 MS/MSD (0810013-06) Water Sampled: Oct-20-08 11:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
tert-Butylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"

Surrogate: Benzene-d6	9.55	*95.5 %*	*63.1-112*	"	"	"
Surrogate: Toluene-d8	9.66	*96.6 %*	*77.5-115*	"	"	"
Surrogate: 4-Bromofluorobenzene	10.8	*108 %*	*71.5-137*	"	"	"

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Volatiles by GC/MS, EPA 8260B
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S05-18314 (0810013-07) Water Sampled: Oct-20-08 11:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S05-18314 (0810013-07) Water Sampled: Oct-20-08 11:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Chloroform	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S05-18314 (0810013-07) Water Sampled: Oct-20-08 11:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
2-Hexanone	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
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S05-18314 (0810013-07) Water Sampled: Oct-20-08 11:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
4-Chlorotoluene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	*9.65*			*96.5 %*	*63.1-112*	"	"	"	

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S05-18314 (0810013-07) Water Sampled: Oct-20-08 11:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Surrogate: Toluene-d8	9.49			*94.9 %*		*77.5-115*	*B810031*	*Oct-22-08*	*Oct-22-08*
Surrogate: 4-Bromofluorobenzene	10.8			*108 %*		*71.5-137*	"	"	"

S06-18408 (0810013-08) Water Sampled: Oct-20-08 12:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S06-18408 (0810013-08) Water Sampled: Oct-20-08 12:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
2-Butanone	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
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S06-18408 (0810013-08) Water Sampled: Oct-20-08 12:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,2-Trichloroethane	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S06-18408 (0810013-08) Water Sampled: Oct-20-08 12:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Bromobenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"

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S06-18408 (0810013-08) Water Sampled: Oct-20-08 12:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,2,3-Trichloropropane	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	10.1			*101 %*	*63.1-112*	"	"	"	
Surrogate: Toluene-d8	10.1			*101 %*	*77.5-115*	"	"	"	
Surrogate: 4-Bromofluorobenzene	11.0			*110 %*	*71.5-137*	"	"	"	

S07-18516 (0810013-09) Water Sampled: Oct-20-08 14:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
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S07-18516 (0810013-09) Water Sampled: Oct-20-08 14:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Acrylonitrile	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S07-18516 (0810013-09) Water Sampled: Oct-20-08 14:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
4-Methyl-2-pentanone	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S07-18516 (0810013-09) Water Sampled: Oct-20-08 14:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Isopropylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S07-18516 (0810013-09) Water Sampled: Oct-20-08 14:30 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,2,4-Trichlorobenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.53			*95.3 %*	*63.1-112*		"	"	"
Surrogate: Toluene-d8	9.44			*94.4 %*	*77.5-115*		"	"	"
Surrogate: 4-Bromofluorobenzene	11.2			*112 %*	*71.5-137*		"	"	"

S08-18603 (0810013-10) Water Sampled: Oct-20-08 14:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

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S08-18603 (0810013-10) Water Sampled: Oct-20-08 14:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Acetone	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S08-18603 (0810013-10) Water Sampled: Oct-20-08 14:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dibromomethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
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S08-18603 (0810013-10) Water Sampled: Oct-20-08 14:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
o-Xylene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S08-18603 (0810013-10) Water Sampled: Oct-20-08 14:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
n-Butylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"
Surrogate: Benzene-d6	9.55			*95.5 %*	*63.1-112*	"	"	"	
Surrogate: Toluene-d8	9.60			*96.0 %*	*77.5-115*	"	"	"	
Surrogate: 4-Bromofluorobenzene	10.6			*106 %*	*71.5-137*	"	"	"	

S09-18610 (0810013-11) Water Sampled: Oct-20-08 15:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Chloromethane	U			10.0	"	"	"	"	"
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S09-18610 (0810013-11) Water Sampled: Oct-20-08 15:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Trichlorofluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"
1,1,1-Trichloroethane	U	J		5.00	"	"	"	"	"
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
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S09-18610 (0810013-11) Water Sampled: Oct-20-08 15:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Benzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"
Dibromochloromethane	U	J		5.00	"	"	"	"	"
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
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S09-18610 (0810013-11) Water Sampled: Oct-20-08 15:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,1,2-Tetrachloroethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"
tert-Butylbenzene	U			5.00	"	"	"	"	"
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S09-18610 (0810013-11) Water Sampled: Oct-20-08 15:15 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
p-Isopropyltoluene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"

Surrogate: Benzene-d6	9.94	*99.4 %*	*63.1-112*	"	"	"
Surrogate: Toluene-d8	9.78	*97.8 %*	*77.5-115*	"	"	"
Surrogate: 4-Bromofluorobenzene	10.6	*106 %*	*71.5-137*	"	"	"

S10-17214 (0810013-12) Water Sampled: Oct-20-08 15:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dichlorodifluoromethane	U			25.0	ug/L	1	B810031	Oct-22-08	Oct-22-08

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S10-17214 (0810013-12) Water Sampled: Oct-20-08 15:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Chloromethane	U			10.0	ug/L	1	B810031	Oct-22-08	Oct-22-08
Vinyl chloride	U			25.0	"	"	"	"	"
Chloroethane	U			10.0	"	"	"	"	"
Trichlorofluoromethane	U			25.0	"	"	"	"	"
Acrolein	U			25.0	"	"	"	"	"
1,1-Dichloroethene	U			5.00	"	"	"	"	"
Acetone	U			25.0	"	"	"	"	"
Carbon disulfide	U			5.00	"	"	"	"	"
Methylene chloride	U			5.00	"	"	"	"	"
Acrylonitrile	U			25.0	"	"	"	"	"
trans-1,2-Dichloroethene	U			5.00	"	"	"	"	"
1,1-Dichloroethane	U			5.00	"	"	"	"	"
2-Butanone	U			25.0	"	"	"	"	"
cis-1,2-Dichloroethene	U			5.00	"	"	"	"	"
Bromochloromethane	U			5.00	"	"	"	"	"
Chloroform	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S10-17214 (0810013-12) Water Sampled: Oct-20-08 15:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
1,1,1-Trichloroethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,1-Dichloropropene	U			5.00	"	"	"	"	"
1,2-Dichloroethane	U	J		5.00	"	"	"	"	"
Benzene	U			5.00	"	"	"	"	"
Trichloroethene	U			5.00	"	"	"	"	"
1,2-Dichloropropane	U			5.00	"	"	"	"	"
Dibromomethane	U	J		5.00	"	"	"	"	"
Bromodichloromethane	U	J		5.00	"	"	"	"	"
cis-1,3-Dichloropropene	U			5.00	"	"	"	"	"
4-Methyl-2-pentanone	U			10.0	"	"	"	"	"
Toluene	U			5.00	"	"	"	"	"
trans-1,3-Dichloropropene	U			5.00	"	"	"	"	"
1,1,2-Trichloroethane	U			5.00	"	"	"	"	"
1,3-Dichloropropane	U			5.00	"	"	"	"	"
Tetrachloroethene	U			5.00	"	"	"	"	"
2-Hexanone	U			10.0	"	"	"	"	"

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S10-17214 (0810013-12) Water Sampled: Oct-20-08 15:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
Dibromochloromethane	U	J		5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2-Dibromoethane (EDB)	U			5.00	"	"	"	"	"
Chlorobenzene	U			5.00	"	"	"	"	"
1,1,1,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
Ethylbenzene	U			5.00	"	"	"	"	"
m+p-Xylene	U			10.0	"	"	"	"	"
o-Xylene	U			5.00	"	"	"	"	"
Styrene	U			5.00	"	"	"	"	"
Bromoform	U	J		5.00	"	"	"	"	"
Isopropylbenzene	U			5.00	"	"	"	"	"
1,1,2,2-Tetrachloroethane	U	J		5.00	"	"	"	"	"
1,2,3-Trichlorobenzene	U			5.00	"	"	"	"	"
Bromobenzene	U			5.00	"	"	"	"	"
n-Propylbenzene	U			5.00	"	"	"	"	"
2-Chlorotoluene	U			5.00	"	"	"	"	"
4-Chlorotoluene	U			5.00	"	"	"	"	"

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Volatiles by GC/MS, EPA 8260B
US EPA Region 5 Chicago Regional Laboratory

S10-17214 (0810013-12) Water Sampled: Oct-20-08 15:55 Received: Oct-21-08 12:53

Analyte	Result	Flags / Qualifiers	MDL	Limit	Units	Dilution	Batch	Prepared	Analyzed
tert-Butylbenzene	U			5.00	ug/L	1	B810031	Oct-22-08	Oct-22-08
1,2,4-Trimethylbenzene	U			5.00	"	"	"	"	"
sec-Butylbenzene	U			5.00	"	"	"	"	"
p-Isopropyltoluene	U			5.00	"	"	"	"	"
1,3-Dichlorobenzene	U			5.00	"	"	"	"	"
1,4-Dichlorobenzene	U			5.00	"	"	"	"	"
n-Butylbenzene	U			5.00	"	"	"	"	"
1,2-Dichlorobenzene	U			5.00	"	"	"	"	"
1,2-Dibromo-3-chloropropane	U	J		5.00	"	"	"	"	"
1,2,4-Trichlorobenzene	U			5.00	"	"	"	"	"
Hexachlorobutadiene	U			5.00	"	"	"	"	"
Naphthalene	U			5.00	"	"	"	"	"
1,2,3-Trichloropropane	U			5.00	"	"	"	"	"
1,3,5-Trimethylbenzene	U			5.00	"	"	"	"	"

Surrogate: Benzene-d6	9.84	*98.4 %*	*63.1-112*	"	"	"
Surrogate: Toluene-d8	9.64	*96.4 %*	*77.5-115*	"	"	"
Surrogate: 4-Bromofluorobenzene	10.9	*109 %*	*71.5-137*	"	"	"

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B
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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Blank (B810031-BLK1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	U			25.0	ug/L						
Chloromethane	U			10.0	"						
Vinyl chloride	U			25.0	"						
Chloroethane	U			10.0	"						
Trichlorofluoromethane	U			25.0	"						
Acrolein	U			25.0	"						
1,1-Dichloroethene	U			5.00	"						
Acetone	U			25.0	"						
Carbon disulfide	U			5.00	"						
Methylene chloride	U			5.00	"						
Acrylonitrile	U			25.0	"						
trans-1,2-Dichloroethene	U			5.00	"						
1,1-Dichloroethane	U			5.00	"						
2-Butanone	U			25.0	"						
cis-1,2-Dichloroethene	U			5.00	"						
Bromochloromethane	U			5.00	"						
Chloroform	U			5.00	"						
1,1,1-Trichloroethane	U	J		5.00	"						
1,1-Dichloropropene	U			5.00	"						
1,2-Dichloroethane	U	J		5.00	"						
Benzene	U			5.00	"						
Trichloroethene	U			5.00	"						
1,2-Dichloropropane	U			5.00	"						
Dibromomethane	U	J		5.00	"						
Bromodichloromethane	U	J		5.00	"						
cis-1,3-Dichloropropene	U			5.00	"						
4-Methyl-2-pentanone	U			10.0	"						
Toluene	U			5.00	"						
trans-1,3-Dichloropropene	U			5.00	"						
1,1,2-Trichloroethane	U			5.00	"						
1,3-Dichloropropane	U			5.00	"						
Tetrachloroethene	U			5.00	"						
2-Hexanone	U			10.0	"						

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RCRA, LCD, US EPA Region 5	Project: Techalloy	
77 West Jackson Boulevard	Project Number: [none]	**Reported:**
Chicago IL, 60604	Project Manager: Bhooma Sudar	Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Blank (B810031-BLK1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dibromochloromethane	U	J		5.00	ug/L						
1,2-Dibromoethane (EDB)	U			5.00	"						
Chlorobenzene	U			5.00	"						
1,1,1,2-Tetrachloroethane	U	J		5.00	"						
Ethylbenzene	U			5.00	"						
m+p-Xylene	U			10.0	"						
o-Xylene	U			5.00	"						
Styrene	U			5.00	"						
Bromoform	U	J		5.00	"						
Isopropylbenzene	U			5.00	"						
1,1,2,2-Tetrachloroethane	U	J		5.00	"						
1,2,3-Trichlorobenzene	U			5.00	"						
Bromobenzene	U			5.00	"						
n-Propylbenzene	U			5.00	"						
2-Chlorotoluene	U			5.00	"						
4-Chlorotoluene	U			5.00	"						
tert-Butylbenzene	U			5.00	"						
1,2,4-Trimethylbenzene	U			5.00	"						
sec-Butylbenzene	U			5.00	"						
p-Isopropyltoluene	U			5.00	"						
1,3-Dichlorobenzene	U			5.00	"						
1,4-Dichlorobenzene	U			5.00	"						
n-Butylbenzene	U			5.00	"						
1,2-Dichlorobenzene	U			5.00	"						
1,2-Dibromo-3-chloropropane	U	J		5.00	"						
1,2,4-Trichlorobenzene	U			5.00	"						
Hexachlorobutadiene	U			5.00	"						
Naphthalene	U			5.00	"						
1,2,3-Trichloropropane	U			5.00	"						
1,3,5-Trimethylbenzene	U			5.00	"						

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Blank (B810031-BLK1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Surrogate: Benzene-d6	*9.45*				*ug/L*	*10.00*		*94.5*	*63.1-112*		
Surrogate: Toluene-d8	*9.64*				*"*	*10.00*		*96.4*	*77.5-115*		
Surrogate: 4-Bromofluorobenzene	*10.8*				*"*	*10.00*		*108*	*71.5-137*		

LCS (B810031-BS1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	**45.2**			25.0	ug/L	50.00		90.4	59.1-129		
Chloromethane	**43.7**			10.0	"	50.00		87.4	39.1-122		
Vinyl chloride	**56.9**			25.0	"	50.00		114	69.9-159		
Chloroethane	**56.8**			10.0	"	50.00		114	73.9-126		
Trichlorofluoromethane	**52.3**			25.0	"	50.00		105	63.9-128		
Acrolein	**298**			25.0	"	250.0		119	56.1-139		
1,1-Dichloroethene	**52.5**			5.00	"	50.00		105	75.1-130		
Acetone	**254**			25.0	"	250.0		102	63.3-139		
Carbon disulfide	**41.4**			5.00	"	50.00		82.8	54.7-139		
Methylene chloride	**51.7**			5.00	"	50.00		103	73.1-119		
Acrylonitrile	**257**			25.0	"	250.0		103	72.8-128		
trans-1,2-Dichloroethene	**56.8**			5.00	"	50.00		114	81.8-113		
1,1-Dichloroethane	**57.2**			5.00	"	50.00		114	38.8-134		
2-Butanone	**283**			25.0	"	250.0		113	75.9-128		
cis-1,2-Dichloroethene	**56.8**			5.00	"	50.00		114	69.7-122		
Bromochloromethane	**60.2**			5.00	"	50.00		120	63.2-128		
Chloroform	**55.9**			5.00	"	50.00		112	74.8-123		
1,1,1-Trichloroethane	**62.9**	J		5.00	"	50.00		126	67.1-127		
1,1-Dichloropropene	**56.5**			5.00	"	50.00		113	71.7-124		
1,2-Dichloroethane	**62.6**	J		5.00	"	50.00		125	77.6-127		
Benzene	**58.0**			5.00	"	50.00		116	74.1-126		
Trichloroethene	**58.3**			5.00	"	50.00		117	79.1-124		

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Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

LCS (B810031-BS1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dichloropropane	**58.7**			5.00	ug/L	50.00		117	73.4-126		
Dibromomethane	**68.3**	J		5.00	"	50.00		137	78.5-125		
Bromodichloromethane	**68.2**	J		5.00	"	50.00		136	67.9-125		
cis-1,3-Dichloropropene	**57.9**			5.00	"	50.00		116	45.8-140		
4-Methyl-2-pentanone	**103**			10.0	"	100.0		103	76.2-123		
Toluene	**59.4**			5.00	"	50.00		119	64.4-134		
trans-1,3-Dichloropropene	**52.6**			5.00	"	50.00		105	41.9-141		
1,1,2-Trichloroethane	**60.2**			5.00	"	50.00		120	71-132		
1,3-Dichloropropane	**58.9**			5.00	"	50.00		118	66.3-133		
Tetrachloroethene	**57.5**			5.00	"	50.00		115	74.3-128		
2-Hexanone	**103**			10.0	"	100.0		103	66.6-127		
Dibromochloromethane	**68.2**	J		5.00	"	50.00		136	68.5-125		
1,2-Dibromoethane (EDB)	**61.2**			5.00	"	50.00		122	75-126		
Chlorobenzene	**58.4**			5.00	"	50.00		117	79.6-135		
1,1,1,2-Tetrachloroethane	**76.8**	J		5.00	"	50.00		154	69.3-138		
Ethylbenzene	**59.6**			5.00	"	50.00		119	77.8-136		
m+p-Xylene	**120**			10.0	"	100.0		120	85.6-130		
o-Xylene	**59.5**			5.00	"	50.00		119	89.8-125		
Styrene	**60.1**			5.00	"	50.00		120	66.9-147		
Bromoform	**70.4**	J		5.00	"	50.00		141	46.5-149		
Isopropylbenzene	**58.5**			5.00	"	50.00		117	86-126		
1,1,2,2-Tetrachloroethane	**64.5**	J		5.00	"	50.00		129	75.8-138		
1,2,3-Trichlorobenzene	**52.4**			5.00	"	50.00		105	56.9-131		
Bromobenzene	**58.3**			5.00	"	50.00		117	71.5-148		
n-Propylbenzene	**58.3**			5.00	"	50.00		117	82.6-129		
2-Chlorotoluene	**58.7**			5.00	"	50.00		117	79.3-133		
4-Chlorotoluene	**58.1**			5.00	"	50.00		116	78-132		
tert-Butylbenzene	**58.1**			5.00	"	50.00		116	78.8-137		
1,2,4-Trimethylbenzene	**58.7**			5.00	"	50.00		117	60.6-129		
sec-Butylbenzene	**57.0**			5.00	"	50.00		114	71.2-141		
p-Isopropyltoluene	**57.6**			5.00	"	50.00		115	74.5-141		
1,3-Dichlorobenzene	**58.0**			5.00	"	50.00		116	74-140		
1,4-Dichlorobenzene	**57.0**			5.00	"	50.00		114	72.4-139		

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Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

LCS (B810031-BS1) — **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
n-Butylbenzene	**54.8**			5.00	ug/L	50.00		110	60.5-133		
1,2-Dichlorobenzene	**56.4**			5.00	"	50.00		113	68.6-133		
1,2-Dibromo-3-chloropropane	**63.7**	J		5.00	"	50.00		127	48.1-142		
1,2,4-Trichlorobenzene	**52.1**			5.00	"	50.00		104	60.6-129		
Hexachlorobutadiene	**51.1**			5.00	"	50.00		102	59-124		
Naphthalene	**58.8**			5.00	"	50.00		118	47.1-138		
1,2,3-Trichloropropane	**60.6**			5.00	"	50.00		121	82.5-128		
1,3,5-Trimethylbenzene	**58.3**			5.00	"	50.00		117	87.8-123		
Surrogate: Benzene-d6	*10.3*				"	*10.00*		*103*	*74.9-107*		
Surrogate: Toluene-d8	*9.95*				"	*10.00*		*99.5*	*88-109*		
Surrogate: 4-Bromofluorobenzene	*10.1*				"	*10.00*		*101*	*90.7-122*		

LCS Dup (B810031-BSD1) — **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	**43.0**			25.0	ug/L	50.00		86.0	59.1-129	4.99	30
Chloromethane	**43.1**			10.0	"	50.00		86.1	39.1-122	1.42	30
Vinyl chloride	**55.5**			25.0	"	50.00		111	69.9-159	2.42	30
Chloroethane	**50.2**			10.0	"	50.00		100	73.9-126	12.3	30
Trichlorofluoromethane	**39.7**			25.0	"	50.00		79.5	63.9-128	27.4	30
Acrolein	**313**			25.0	"	250.0		125	56.1-139	5.11	30
1,1-Dichloroethene	**58.1**			5.00	"	50.00		116	75.1-130	10.1	30
Acetone	**285**			25.0	"	250.0		114	63.3-139	11.4	30
Carbon disulfide	**46.3**			5.00	"	50.00		92.7	54.7-139	11.2	30
Methylene chloride	**58.3**			5.00	"	50.00		117	73.1-119	11.9	30
Acrylonitrile	**282**			25.0	"	250.0		113	72.8-128	9.27	30
trans-1,2-Dichloroethene	**63.1**			5.00	"	50.00		126	81.8-113	10.5	30

Environmental Protection Agency Region 5
Chicago Regional Laboratory

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

LCS Dup (B810031-BSD1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,1-Dichloroethane	**64.7**			5.00	ug/L	50.00		129	38.8-134	12.3	30
2-Butanone	**307**			25.0	"	250.0		123	75.9-128	7.86	30
cis-1,2-Dichloroethene	**63.2**			5.00	"	50.00		126	69.7-122	10.8	30
Bromochloromethane	**67.0**			5.00	"	50.00		134	63.2-128	10.6	30
Chloroform	**61.6**			5.00	"	50.00		123	74.8-123	9.73	30
1,1,1-Trichloroethane	**69.4**	J		5.00	"	50.00		139	67.1-127	9.77	30
1,1-Dichloropropene	**63.3**			5.00	"	50.00		127	71.7-124	11.4	30
1,2-Dichloroethane	**68.2**	J		5.00	"	50.00		136	77.6-127	8.64	30
Benzene	**64.6**			5.00	"	50.00		129	74.1-126	10.7	30
Trichloroethene	**64.9**			5.00	"	50.00		130	79.1-124	10.7	30
1,2-Dichloropropane	**65.2**			5.00	"	50.00		130	73.4-126	10.4	30
Dibromomethane	**74.0**	J		5.00	"	50.00		148	78.5-125	8.01	30
Bromodichloromethane	**76.5**	J		5.00	"	50.00		153	67.9-125	11.5	30
cis-1,3-Dichloropropene	**65.3**			5.00	"	50.00		131	45.8-140	12.0	30
4-Methyl-2-pentanone	**114**			10.0	"	100.0		114	76.2-123	10.5	30
Toluene	**65.8**			5.00	"	50.00		132	64.4-134	10.1	30
trans-1,3-Dichloropropene	**60.5**			5.00	"	50.00		121	41.9-141	14.1	30
1,1,2-Trichloroethane	**67.0**			5.00	"	50.00		134	71-132	10.7	30
1,3-Dichloropropane	**65.5**			5.00	"	50.00		131	66.3-133	10.6	30
Tetrachloroethene	**64.2**			5.00	"	50.00		128	74.3-128	11.1	30
2-Hexanone	**111**			10.0	"	100.0		111	66.6-127	6.92	30
Dibromochloromethane	**75.8**	J		5.00	"	50.00		152	68.5-125	10.6	30
1,2-Dibromoethane (EDB)	**68.1**			5.00	"	50.00		136	75-126	10.7	30
Chlorobenzene	**65.1**			5.00	"	50.00		130	79.6-135	10.8	30
1,1,1,2-Tetrachloroethane	**84.2**	J		5.00	"	50.00		168	69.3-138	9.14	30
Ethylbenzene	**65.4**			5.00	"	50.00		131	77.8-136	9.24	30
m+p-Xylene	**131**			10.0	"	100.0		131	85.6-130	8.83	30
o-Xylene	**65.3**			5.00	"	50.00		131	89.8-125	9.33	30
Styrene	**66.9**			5.00	"	50.00		134	66.9-147	10.8	30
Bromoform	**78.2**	J		5.00	"	50.00		156	46.5-149	10.6	30
Isopropylbenzene	**64.4**			5.00	"	50.00		129	86-126	9.69	30
1,1,2,2-Tetrachloroethane	**70.4**	J		5.00	"	50.00		141	75.8-138	8.75	30
1,2,3-Trichlorobenzene	**58.8**			5.00	"	50.00		118	56.9-131	11.5	30

Environmental Protection Agency Region 5
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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

LCS Dup (B810031-BSD1) **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Bromobenzene	**63.7**			5.00	ug/L	50.00		127	71.5-148	8.81	30
n-Propylbenzene	**64.4**			5.00	"	50.00		129	82.6-129	10.0	30
2-Chlorotoluene	**64.5**			5.00	"	50.00		129	79.3-133	9.36	30
4-Chlorotoluene	**63.9**			5.00	"	50.00		128	78-132	9.50	30
tert-Butylbenzene	**64.3**			5.00	"	50.00		129	78.8-137	10.2	30
1,2,4-Trimethylbenzene	**63.9**			5.00	"	50.00		128	60.6-129	8.55	30
sec-Butylbenzene	**63.1**			5.00	"	50.00		126	71.2-141	10.0	30
p-Isopropyltoluene	**63.2**			5.00	"	50.00		126	74.5-141	9.32	30
1,3-Dichlorobenzene	**63.8**			5.00	"	50.00		128	74-140	9.47	30
1,4-Dichlorobenzene	**63.1**			5.00	"	50.00		126	72.4-139	10.2	30
n-Butylbenzene	**63.0**			5.00	"	50.00		126	60.5-133	13.8	30
1,2-Dichlorobenzene	**64.4**			5.00	"	50.00		129	68.6-133	13.2	30
1,2-Dibromo-3-chloropropane	**72.3**	J		5.00	"	50.00		145	48.1-142	12.7	30
1,2,4-Trichlorobenzene	**60.4**			5.00	"	50.00		121	60.6-129	14.8	30
Hexachlorobutadiene	**59.6**			5.00	"	50.00		119	59-124	15.4	30
Naphthalene	**58.7**			5.00	"	50.00		117	47.1-138	0.276	30
1,2,3-Trichloropropane	**65.3**			5.00	"	50.00		131	82.5-128	7.41	30
1,3,5-Trimethylbenzene	**65.1**			5.00	"	50.00		130	87.8-123	11.0	30
Surrogate: Benzene-d6	*10.5*				"	*10.00*		*105*	*74.9-107*		
Surrogate: Toluene-d8	*10.1*				"	*10.00*		*101*	*88-109*		
Surrogate: 4-Bromofluorobenzene	*9.90*				"	*10.00*		*99.0*	*90.7-122*		

Matrix Spike (B810031-MS1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	**40.7**			25.0	ug/L	50.00	U	81.4	37.6-163		
Chloromethane	**33.7**			10.0	"	50.00	U	67.4	52.1-131		

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Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Matrix Spike (B810031-MS1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Vinyl chloride	**57.2**			25.0	ug/L	50.00	U	114	67-170		
Chloroethane	**61.0**			10.0	"	50.00	U	122	47.7-154		
Trichlorofluoromethane	**46.2**			25.0	"	50.00	U	92.4	33.7-156		
Acrolein	**279**			25.0	"	250.0	U	112	55.5-130		
1,1-Dichloroethene	**52.3**			5.00	"	50.00	U	105	32.6-165		
Acetone	**240**			25.0	"	250.0	U	96.0	47.6-147		
Carbon disulfide	**41.6**			5.00	"	50.00	U	83.2	31.5-165		
Methylene chloride	**50.0**			5.00	"	50.00	U	100	39.5-158		
Acrylonitrile	**235**			25.0	"	250.0	U	94.0	48.5-148		
trans-1,2-Dichloroethene	**55.7**			5.00	"	50.00	U	111	48.7-149		
1,1-Dichloroethane	**55.4**			5.00	"	50.00	U	111	51.1-145		
2-Butanone	**265**			25.0	"	250.0	U	106	71.8-132		
cis-1,2-Dichloroethene	**55.2**			5.00	"	50.00	U	110	50.7-147		
Bromochloromethane	**54.8**			5.00	"	50.00	U	110	57.2-141		
Chloroform	**53.9**			5.00	"	50.00	U	108	57.8-143		
1,1,1-Trichloroethane	**60.1**	J		5.00	"	50.00	U	120	59.1-146		
1,1-Dichloropropene	**58.2**			5.00	"	50.00	U	116	53-151		
1,2-Dichloroethane	**59.5**	J		5.00	"	50.00	U	119	53.5-151		
Benzene	**57.2**			5.00	"	50.00	U	114	53.7-149		
Trichloroethene	**57.9**			5.00	"	50.00	U	116	36.6-162		
1,2-Dichloropropane	**56.1**			5.00	"	50.00	U	112	56.1-148		
Dibromomethane	**62.9**	J		5.00	"	50.00	U	126	55-146		
Bromodichloromethane	**62.6**	J		5.00	"	50.00	U	125	59.2-145		
cis-1,3-Dichloropropene	**45.0**			5.00	"	50.00	U	90.1	62-141		
4-Methyl-2-pentanone	**92.7**			10.0	"	100.0	U	92.7	35.2-149		
Toluene	**58.0**			5.00	"	50.00	U	116	49.3-156		
trans-1,3-Dichloropropene	**35.5**			5.00	"	50.00	U	71.1	64.8-139		
1,1,2-Trichloroethane	**56.6**			5.00	"	50.00	U	113	47.2-153		
1,3-Dichloropropane	**54.7**			5.00	"	50.00	U	109	53-150		
Tetrachloroethene	**57.1**			5.00	"	50.00	U	114	51.1-151		
2-Hexanone	**89.1**			10.0	"	100.0	U	89.1	30.1-155		
Dibromochloromethane	**62.9**	J		5.00	"	50.00	U	126	54.9-141		
1,2-Dibromoethane (EDB)	**56.0**			5.00	"	50.00	U	112	54.4-145		

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Matrix Spike (B810031-MS1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Chlorobenzene	**59.8**			5.00	ug/L	50.00	U	120	53.1-169		
1,1,1,2-Tetrachloroethane	**80.8**	J		5.00	"	50.00	U	162	40-177		
Ethylbenzene	**61.2**			5.00	"	50.00	U	122	37.6-181		
m+p-Xylene	**125**			10.0	"	100.0	U	125	36.4-187		
o-Xylene	**61.3**			5.00	"	50.00	U	123	52-176		
Styrene	**60.7**			5.00	"	50.00	U	121	36.5-175		
Bromoform	**65.2**	J		5.00	"	50.00	U	130	73.9-141		
Isopropylbenzene	**60.7**			5.00	"	50.00	U	121	34.1-186		
1,1,2,2-Tetrachloroethane	**63.6**	J		5.00	"	50.00	U	127	72.3-157		
1,2,3-Trichlorobenzene	**46.0**			5.00	"	50.00	U	92.1	45.3-144		
Bromobenzene	**57.9**			5.00	"	50.00	U	116	75-152		
n-Propylbenzene	**60.2**			5.00	"	50.00	U	120	35.1-184		
2-Chlorotoluene	**59.4**			5.00	"	50.00	U	119	52.2-170		
4-Chlorotoluene	**59.1**			5.00	"	50.00	U	118	51.2-170		
tert-Butylbenzene	**60.0**			5.00	"	50.00	U	120	35.2-184		
1,2,4-Trimethylbenzene	**59.6**			5.00	"	50.00	U	119	50-145		
sec-Butylbenzene	**60.4**			5.00	"	50.00	U	121	35.7-181		
p-Isopropyltoluene	**58.7**			5.00	"	50.00	U	117	37.9-179		
1,3-Dichlorobenzene	**58.1**			5.00	"	50.00	U	116	75.3-151		
1,4-Dichlorobenzene	**56.9**			5.00	"	50.00	U	114	73.9-149		
n-Butylbenzene	**54.8**			5.00	"	50.00	U	110	47.6-155		
1,2-Dichlorobenzene	**54.0**			5.00	"	50.00	U	108	52.4-151		
1,2-Dibromo-3-chloropropane	**61.3**	J		5.00	"	50.00	U	123	51.1-140		
1,2,4-Trichlorobenzene	**48.7**			5.00	"	50.00	U	97.3	50-145		
Hexachlorobutadiene	**52.5**			5.00	"	50.00	U	105	64.1-146		
Naphthalene	**34.4**			5.00	"	50.00	U	68.7	38.1-151		
1,2,3-Trichloropropane	**58.9**			5.00	"	50.00	U	118	74.7-150		
1,3,5-Trimethylbenzene	**59.9**			5.00	"	50.00	U	120	35.7-182		
Surrogate: Benzene-d6	*10.3*				"	*10.00*		*103*	*74.5-109*		
Surrogate: Toluene-d8	*10.0*				"	*10.00*		*100*	*85.3-112*		

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Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Matrix Spike (B810031-MS1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 4-Bromofluorobenzene	*10.5*				*ug/L*	*10.00*		*105*	*70.7-136*		

Matrix Spike Dup (B810031-MSD1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dichlorodifluoromethane	**44.3**			25.0	ug/L	50.00	U	88.6	37.6-163	8.58	30
Chloromethane	**35.5**			10.0	"	50.00	U	71.1	52.1-131	5.30	30
Vinyl chloride	**60.4**			25.0	"	50.00	U	121	67-170	5.40	30
Chloroethane	**66.3**			10.0	"	50.00	U	133	47.7-154	8.32	30
Trichlorofluoromethane	**51.8**			25.0	"	50.00	U	104	33.7-156	11.5	30
Acrolein	**292**			25.0	"	250.0	U	117	55.5-130	4.39	30
1,1-Dichloroethene	**54.6**			5.00	"	50.00	U	109	32.6-165	4.27	30
Acetone	**241**			25.0	"	250.0	U	96.4	47.6-147	0.387	30
Carbon disulfide	**42.4**			5.00	"	50.00	U	84.9	31.5-165	2.00	30
Methylene chloride	**50.0**			5.00	"	50.00	U	100	39.5-158	6.00E-2	30
Acrylonitrile	**239**			25.0	"	250.0	U	95.6	48.5-148	1.62	30
trans-1,2-Dichloroethene	**57.3**			5.00	"	50.00	U	115	48.7-149	2.83	30
1,1-Dichloroethane	**55.1**			5.00	"	50.00	U	110	51.1-145	0.612	30
2-Butanone	**262**			25.0	"	250.0	U	105	71.8-132	1.43	30
cis-1,2-Dichloroethene	**55.6**			5.00	"	50.00	U	111	50.7-147	0.657	30
Bromochloromethane	**54.7**			5.00	"	50.00	U	109	57.2-141	0.289	30
Chloroform	**53.5**			5.00	"	50.00	U	107	57.8-143	0.674	30
1,1,1-Trichloroethane	**59.9**	J		5.00	"	50.00	U	120	59.1-146	0.370	30
1,1-Dichloropropene	**58.0**			5.00	"	50.00	U	116	53-151	0.265	30
1,2-Dichloroethane	**57.4**	J		5.00	"	50.00	U	115	53.5-151	3.75	30
Benzene	**57.3**			5.00	"	50.00	U	115	53.7-149	0.199	30
Trichloroethene	**57.3**			5.00	"	50.00	U	115	36.6-162	1.19	30
1,2-Dichloropropane	**56.3**			5.00	"	50.00	U	113	56.1-148	0.377	30
Dibromomethane	**61.4**	J		5.00	"	50.00	U	123	55-146	2.50	30

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Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Matrix Spike Dup (B810031-MSD1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Bromodichloromethane	**61.3**	J		5.00	ug/L	50.00	U	123	59.2-145	2.08	30
cis-1,3-Dichloropropene	**48.7**			5.00	"	50.00	U	97.4	62-141	7.80	30
4-Methyl-2-pentanone	**94.6**			10.0	"	100.0	U	94.6	35.2-149	1.95	30
Toluene	**59.0**			5.00	"	50.00	U	118	49.3-156	1.77	30
trans-1,3-Dichloropropene	**41.2**			5.00	"	50.00	U	82.3	64.8-139	14.6	30
1,1,2-Trichloroethane	**57.2**			5.00	"	50.00	U	114	47.2-153	0.935	30
1,3-Dichloropropane	**54.4**			5.00	"	50.00	U	109	53-150	0.521	30
Tetrachloroethene	**57.6**			5.00	"	50.00	U	115	51.1-151	0.889	30
2-Hexanone	**92.4**			10.0	"	100.0	U	92.4	30.1-155	3.73	30
Dibromochloromethane	**60.8**	J		5.00	"	50.00	U	122	54.9-141	3.38	30
1,2-Dibromoethane (EDB)	**55.1**			5.00	"	50.00	U	110	54.4-145	1.68	30
Chlorobenzene	**59.2**			5.00	"	50.00	U	118	53.1-169	1.11	30
1,1,1,2-Tetrachloroethane	**71.5**	J		5.00	"	50.00	U	143	40-177	12.2	30
Ethylbenzene	**61.1**			5.00	"	50.00	U	122	37.6-181	0.186	30
m+p-Xylene	**123**			10.0	"	100.0	U	123	36.4-187	1.27	30
o-Xylene	**61.0**			5.00	"	50.00	U	122	52-176	0.608	30
Styrene	**60.1**			5.00	"	50.00	U	120	36.5-175	0.934	30
Bromoform	**62.6**	J		5.00	"	50.00	U	125	73.9-141	4.08	30
Isopropylbenzene	**60.7**			5.00	"	50.00	U	121	34.1-186	4.94E-2	30
1,1,2,2-Tetrachloroethane	**62.0**	J		5.00	"	50.00	U	124	72.3-157	2.61	30
1,2,3-Trichlorobenzene	**51.0**			5.00	"	50.00	U	102	45.3-144	10.2	30
Bromobenzene	**57.3**			5.00	"	50.00	U	115	75-152	1.09	30
n-Propylbenzene	**59.8**			5.00	"	50.00	U	120	35.1-184	0.630	30
2-Chlorotoluene	**59.6**			5.00	"	50.00	U	119	52.2-170	0.367	30
4-Chlorotoluene	**58.2**			5.00	"	50.00	U	116	51.2-170	1.56	30
tert-Butylbenzene	**60.4**			5.00	"	50.00	U	121	35.2-184	0.611	30
1,2,4-Trimethylbenzene	**59.5**			5.00	"	50.00	U	119	50-145	0.299	30
sec-Butylbenzene	**60.2**			5.00	"	50.00	U	120	35.7-181	0.322	30
p-Isopropyltoluene	**59.2**			5.00	"	50.00	U	118	37.9-179	0.893	30
1,3-Dichlorobenzene	**58.2**			5.00	"	50.00	U	116	75.3-151	7.22E-2	30
1,4-Dichlorobenzene	**56.2**			5.00	"	50.00	U	112	73.9-149	1.11	30
n-Butylbenzene	**58.3**			5.00	"	50.00	U	117	47.6-155	6.16	30
1,2-Dichlorobenzene	**56.6**			5.00	"	50.00	U	113	52.4-151	4.81	30

Environmental Protection Agency Region 5
Chicago Regional Laboratory

536 South Clark Street, Chicago, IL 60605
Phone:(312)353-8370 Fax:(312)886-2591

RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Volatiles by GC/MS, EPA 8260B - Quality Control
US EPA Region 5 Chicago Regional Laboratory

Batch B810031 - Volatiles

Matrix Spike Dup (B810031-MSD1) **Source: 0810013-06** **Prepared & Analyzed: Oct-22-08**

Analyte	Result	Flags / Qualifiers	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
1,2-Dibromo-3-chloropropane	**60.8**	J		5.00	ug/L	50.00	U	122	51.1-140	0.829	30
1,2,4-Trichlorobenzene	**52.4**			5.00	"	50.00	U	105	50-145	7.46	30
Hexachlorobutadiene	**56.1**			5.00	"	50.00	U	112	64.1-146	6.78	30
Naphthalene	**43.8**			5.00	"	50.00	U	87.6	38.1-151	24.1	30
1,2,3-Trichloropropane	**58.0**			5.00	"	50.00	U	116	74.7-150	1.59	30
1,3,5-Trimethylbenzene	**60.3**			5.00	"	50.00	U	121	35.7-182	0.675	30
Surrogate: Benzene-d6	*10.4*				"	*10.00*		*104*	*74.5-109*		
Surrogate: Toluene-d8	*9.94*				"	*10.00*		*99.4*	*85.3-112*		
Surrogate: 4-Bromofluorobenzene	*10.2*				"	*10.00*		*102*	*70.7-136*		

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RCRA, LCD, US EPA Region 5 77 West Jackson Boulevard Chicago IL, 60604	Project: Techalloy Project Number: [none] Project Manager: Bhooma Sudar	**Reported:** Dec-01-08 16:00

Notes and Definitions

J	The identification of the analyte is acceptable; the reported value is an estimate.
U	Not Detected
NR	Not Reported

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Default Report (not modified)
			VERSION 5.85:2868
	Volatiles Full List x	(Water)	RPD calculations based on %Recovery
0810013-01	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-01	Volatiles Full List x		Missing Bromomethane
0810013-01	Volatiles Full List x		Missing Carbon tetrachloride
0810013-01	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-02	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-02	Volatiles Full List x		Missing Bromomethane
0810013-02	Volatiles Full List x		Missing Carbon tetrachloride
0810013-02	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-03	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-03	Volatiles Full List x		Missing Bromomethane
0810013-03	Volatiles Full List x		Missing Carbon tetrachloride
0810013-03	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-04	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-04	Volatiles Full List x		Missing Bromomethane
0810013-04	Volatiles Full List x		Missing Carbon tetrachloride
0810013-04	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-05	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-05	Volatiles Full List x		Missing Bromomethane
0810013-05	Volatiles Full List x		Missing Carbon tetrachloride
0810013-05	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-06	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-06	Volatiles Full List x		Missing Bromomethane
0810013-06	Volatiles Full List x		Missing Carbon tetrachloride
0810013-06	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-07	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-07	Volatiles Full List x		Missing Bromomethane
0810013-07	Volatiles Full List x		Missing Carbon tetrachloride
0810013-07	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-08	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-08	Volatiles Full List x		Missing Bromomethane
0810013-08	Volatiles Full List x		Missing Carbon tetrachloride
0810013-08	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-09	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-09	Volatiles Full List x		Missing Bromomethane
0810013-09	Volatiles Full List x		Missing Carbon tetrachloride
0810013-09	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-10	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-10	Volatiles Full List x		Missing Bromomethane
0810013-10	Volatiles Full List x		Missing Carbon tetrachloride
0810013-10	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-11	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-11	Volatiles Full List x		Missing Bromomethane
0810013-11	Volatiles Full List x		Missing Carbon tetrachloride
0810013-11	Volatiles Full List x		Missing Methyl tert-butyl ether
0810013-12	Volatiles Full List x		Missing 2,2-Dichloropropane
0810013-12	Volatiles Full List x		Missing Bromomethane
0810013-12	Volatiles Full List x		Missing Carbon tetrachloride

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
0810013-12	Volatiles Full List x		Missing Methyl tert-butyl ether
B810031-BS1	Volatiles Full List x	1,1,1,2-Tetrachloroethane	Exceeds upper control limit
B810031-BS1	Volatiles Full List x	Bromodichloromethane	Exceeds upper control limit
B810031-BS1	Volatiles Full List x	Dibromochloromethane	Exceeds upper control limit
B810031-BS1	Volatiles Full List x	Dibromomethane	Exceeds upper control limit
B810031-BS1	Volatiles Full List x	trans-1,2-Dichloroethene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,1,1,2-Tetrachloroethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,1,1-Trichloroethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,1,2,2-Tetrachloroethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,1,2-Trichloroethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,1-Dichloropropene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,2,3-Trichloropropane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,2-Dibromo-3-chloropropane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,2-Dibromoethane (EDB)	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,2-Dichloroethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,2-Dichloropropane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	1,3,5-Trimethylbenzene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Benzene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Bromochloromethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Bromodichloromethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Bromoform	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	cis-1,2-Dichloroethene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Dibromochloromethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Dibromomethane	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Isopropylbenzene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	m+p-Xylene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	o-Xylene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	trans-1,2-Dichloroethene	Exceeds upper control limit
B810031-BSD1	Volatiles Full List x	Trichloroethene	Exceeds upper control limit

Sample, Log and Extraction Comments

Sequence Name: D:\Ctang\4C102281.S
Comment: BFB (LIMS 8092903) for 0810013 RCRA Techalloy
Operator: CTANG
Data Path: D:\CTANG\DATA\2008\4C102281\
Instrument Control Pre-Seq Cmd:
Data Analysis Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:
Data Analysis Post-Seq Cmd:

Method Sections To Run
(X) Full Method
( ) Reprocessing Only

On A Barcode Mismatch
(X) Inject Anyway
( ) Don't Inject

Line			Sample Name/Misc Info		
~~1)~~	~~BFB~~	~~1~~	~~4C102201~~	~~4CA22231~~	~~BFB~~ not used. didn't pass the BFB criteria.
2)	BFB	2	4C102202	4CA22231	BFB
3)	Calibration	3	4C102203	4CA22231	IC, 250 NG
4)	Calibration	4	4C102204	4CA22231	IC, 1,000 NG
5)	Calibration	5	4C102205	4CA22231	IC, 750 NG
6)	Calibration	6	4C102206	4CA22231	IC, 500 NG
7)	Calibration	7	4C102207	4CA22231	IC, 125 NG
8)	Calibration	8	4C102208	4CA22231	IC, 25 NG
9)	Sample	9	4C102209	4CA22231	IC Check, 250 NG
10)	Sample	10	4C102210	4CA22231	B810031-BLK1
11)	Sample	11	4C102211	4CA22231	0810013-01
12)	Sample	12	4C102212	4CA22231	0810013-02
13)	Sample	13	4C102213	4CA22231	IC Check, 250 NG
14)	Sample	14	4C102214	4CA22231	0810013-03
15)	Sample	15	4C102215	4CA22231	0810013-04
16)	Sample	16	4C102216	4CA22231	0810013-05
17)	Sample	17	4C102217	4CA22231	0810013-06
~~18)~~	~~Sample~~	~~18~~	~~4C102218~~	~~4CA22231~~	~~0810013-07~~ data not collected
19)	Sample	19	4C102219	4CA22231	0810013-08
20)	Sample	20	4C102220	4CA22231	0810013-09
21)	Sample	21	4C102221	4CA22231	0810013-10
22)	Sample	22	4C102222	4CA22231	0810013-11
23)	Sample	23	4C102223	4CA22231	0810013-12
24)	Sample	24	4C102224	4CA22231	0810013-07
25)	Sample	25	4C102225	4CA22231	B810031-MS1
26)	Sample	26	4C102226	4CA22231	B810031-MSD1
27)	Sample	27	4C102227	4CA22231	B810031-BS1
28)	Sample	28	4C102228	4CA22231	B810031-BSD1

CMJ 10/27/08.

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B810031-BLK1

Lab Name: RCRA Techalloy Contract: ML-10C

Lab Code: USEPA-R5 Case No.: 0810013 SAS No.: _____ SDG No.: MS023

Lab File ID: 4C102210.D Lab Sample ID: B810031-BLK1

Date Analyzed: 10/22/2008 Time Analyzed: 12:57

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS 4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	TB01-TRIP BLANK	0810013-01	4C102211.D	13:19
02	S01-SB	0810013-02	4C102212.D	13:41
03	IC CHECK	IC CHECK, 250 NG	4C102213.D	14:04
04	D01-SB	0810013-03	4C102214.D	14:27
05	S02-18017	0810013-04	4C102215.D	14:49
06	S03-18010	0810013-05	4C102216.D	15:11
07	S04-18216 MS	0810013-06	4C102217.D	15:34
08	S06-18408	0810013-08	4C102219.D	16:18
09	S07-18516	0810013-09	4C102220.D	16:40
10	S08-18603	0810013-10	4C102221.D	17:02
11	S09-18610	0810013-11	4C102222.D	17:25
12	S10-17214	0810013-12	4C102223.D	17:51
13	S05-18314	0810013-07	4C102224.D	18:14
14	S04-18216 MS	B810031-MS1	4C102225.D	18:36
15	S04-18216 MS	B810031-MSD1	4C102226.D	18:58
16	BS1 AND CCC	B810031-BS1	4C102227.D	19:21
17	B810031-BSD1	B810031-BSD1	4C102228.D	19:43

COMMENTS:

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: RCRA Techalloy Contract: ML-10C

Lab Code: USEPA-R5 Case No.: 0810013 SAS No.: SDG No.: MS023

Lab File ID: 4C102202.D BFB Injection Date: 10/22/2008

Instrument ID: GCMS 4 BFB Injection Time: 9:03

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	35.5
75	30.0 - 66.0% of mass 95	49.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.3 (0.3)1
174	50.0 - 120.0% of mass 95	85.2
175	4.0 - 9.0% of mass 174	5.3 (6.3)1
176	93.0 - 101.0% of mass 174	82.9 (97.3)1
177	5.0 - 9.0% of mass 176	5.1 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	IC, 250 NG	IC, 250 NG	4C102203.D	10/22/2008	9:37
02	IC, 1,000 NG	IC, 1,000 NG	4C102204.D	10/22/2008	9:59
03	IC, 750 NG	IC, 750 NG	4C102205.D	10/22/2008	10:21
04	IC, 500 NG	IC, 500 NG	4C102206.D	10/22/2008	10:43
05	IC, 125 NG	IC, 125 NG	4C102207.D	10/22/2008	11:06
06	IC, 25 NG	IC, 25 NG	4C102208.D	10/22/2008	11:28
07	IC CHECK,	IC CHECK, 250 NG	4C102209.D	10/22/2008	12:34
08	B810031-BLK1	B810031-BLK1	4C102210.D	10/22/2008	12:57
09	TB01-TRIP BLAN	0810013-01	4C102211.D	10/22/2008	13:19
10	S01-SB	0810013-02	4C102212.D	10/22/2008	13:41
11	IC CHECK	IC CHECK, 250 NG	4C102213.D	10/22/2008	14:04
12	D01-SB	0810013-03	4C102214.D	10/22/2008	14:27
13	S02-18017	0810013-04	4C102215.D	10/22/2008	14:49
14	S03-18010	0810013-05	4C102216.D	10/22/2008	15:11
15	S04-18216 MS	0810013-06	4C102217.D	10/22/2008	15:34
16	S06-18408	0810013-08	4C102219.D	10/22/2008	16:18
17	S07-18516	0810013-09	4C102220.D	10/22/2008	16:40
18	S08-18603	0810013-10	4C102221.D	10/22/2008	17:02
19	S09-18610	0810013-11	4C102222.D	10/22/2008	17:25
20	S10-17214	0810013-12	4C102223.D	10/22/2008	17:51
21	S05-18314	0810013-07	4C102224.D	10/22/2008	18:14
22	S04-18216 MS	B810031-MS1	4C102225.D	10/22/2008	18:36

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: RCRA Techalloy Contract: ML-10C

Lab Code: USEPA-R5 Case No.: 0810013 SAS No.: _____ SDG No.: MS023

Lab File ID: 4C102202.D BFB Injection Date: 10/22/2008

Instrument ID: GCMS 4 BFB Injection Time: 9:03

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	35.5
75	30.0 - 66.0% of mass 95	49.1
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.3 (0.3)1
174	50.0 - 120.0% of mass 95	85.2
175	4.0 - 9.0% of mass 174	5.3 (6.3)1
176	93.0 - 101.0% of mass 174	82.9 (97.3)1
177	5.0 - 9.0% of mass 176	5.1 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
23	S04-18216 MS	B810031-MSD1	4C102226.D	10/22/2008	18:58
24	BS1 AND CCC	B810031-BS1	4C102227.D	10/22/2008	19:21
25	B810031-BSD1	B810031-BSD1	4C102228.D	10/22/2008	19:43

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: RCRA Techalloy Contract: ML-10C

Lab Code: USEPA-R5 Case No.: 0810013 SAS No.: SDG No.: MS023

Lab File ID (Standard): 4C102203.D Date Analyzed: 10/22/2008

Instrument ID: GCMS 4 Time Analyzed: 9:37

GC Column: DB-VRX ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(FLB) AREA #	RT #	IS2 AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	1674431	4.14	834395	5.80	683751	7.07
	UPPER LIMIT	3348862	4.64	1668790	6.30	1367502	7.57
	LOWER LIMIT	837216	3.64	417198	5.30	341876	6.57
	EPA SAMPLE NO.						
01	IC CHECK,	1692135	4.14	917229	5.80	716382	7.07
02	B810031-BLK/	1654700	4.14	739241	5.80	638104	7.06
03	TB01-TRIP BL	1656004	4.14	730288	5.80	635952	7.06
04	S01-SB	1641416	4.14	704296	5.80	615876	7.06
05	IC CHECK	1690615	4.14	841030	5.80	694348	7.06
06	D01-SB	1662008	4.14	751534	5.80	642430	7.06
07	S02-18017	1627524	4.14	721222	5.80	623248	7.06
08	S03-18010	1622057	4.14	742426	5.80	623418	7.06
09	S04-18216 MS	1625813	4.14	733239	5.80	621536	7.06
10	S06-18408	1610021	4.14	715879	5.80	618758	7.06
11	S07-18516	1636129	4.14	682645	5.80	620761	7.06
12	S08-18603	1640887	4.14	723419	5.80	615444	7.06
13	S09-18610	1602334	4.14	705623	5.80	606645	7.06
14	S10-17214	1594081	4.14	692399	5.80	610163	7.06
15	S05-18314	1617678	4.14	703713	5.80	606133	7.06
16	S04-18216 MS	1628369	4.14	806173	5.80	668015	7.06
17	S04-18216 MS	1656442	4.14	833000	5.80	657062	7.06
18	BS1 AND CC	1653594	4.14	860269	5.80	687674	7.06
19	B810031-BSD/	1649537	4.14	867733	5.80	670465	7.06

IS1 (FLB) = FLUOROBENZENE
IS2 = CHLOROBENZENE-D5
IS3 (DCB) = 1,2-DICHLOROBENZEN

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

IC102281.ssv (Active Schedule)

OLATek 72 Schedule

Line	Vial	Method	Type	Standard 1	Standard 2	Standard 3	Sample Volume	Dilution
1	1	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1

IC102282.ssv (Active Schedule)

OLATek 72 Schedule

Line	Vial	Method	Type	Standard 1	Standard 2	Standard 3	Sample Volume	Dilution
1	3	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
2	4	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
3	5	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
4	6	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
5	7	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
6	8	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1

4C102283.ssv (Active Schedule)

SOLATek 72 Schedule

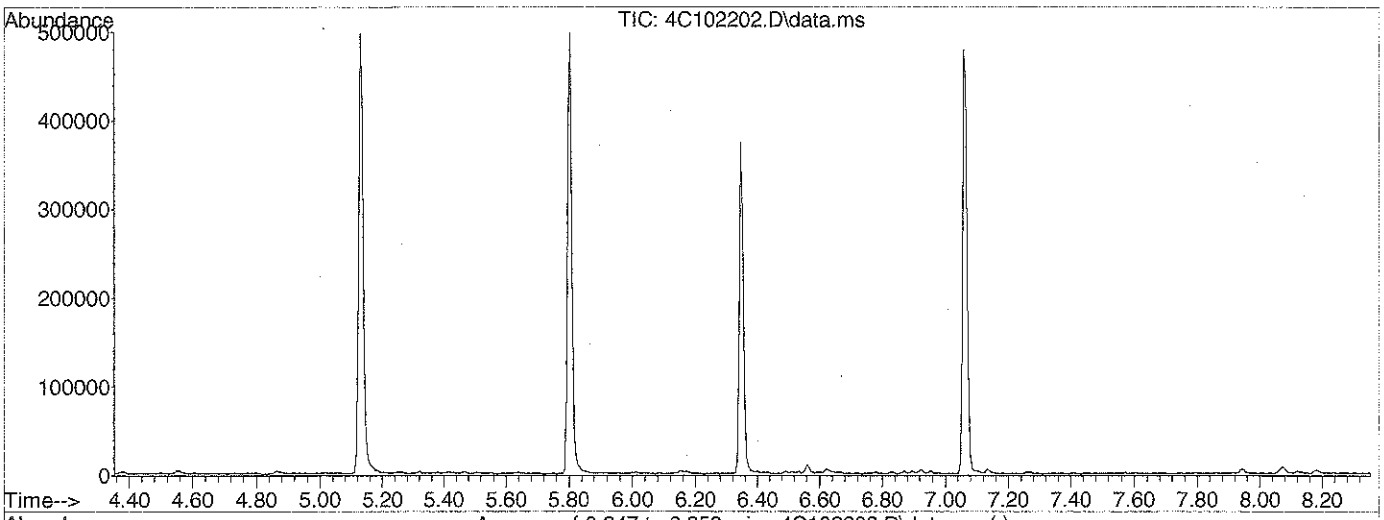
Line	Vial	Method	Type	Standard 1	Standard 2	Standard 3	Sample Volume	Dilution
1	9	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
2	10	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
3	11	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
4	12	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
5	13	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
6	14	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
7	15	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
8	16	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
9	17	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
10	18	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
11	19	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
12	20	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
13	21	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
14	22	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
15	23	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
16	24	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
17	25	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
18	26	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
19	27	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1
20	28	WATER5.msvw	Water	0 µL	0 µL	5 µL	5 mL	1:1

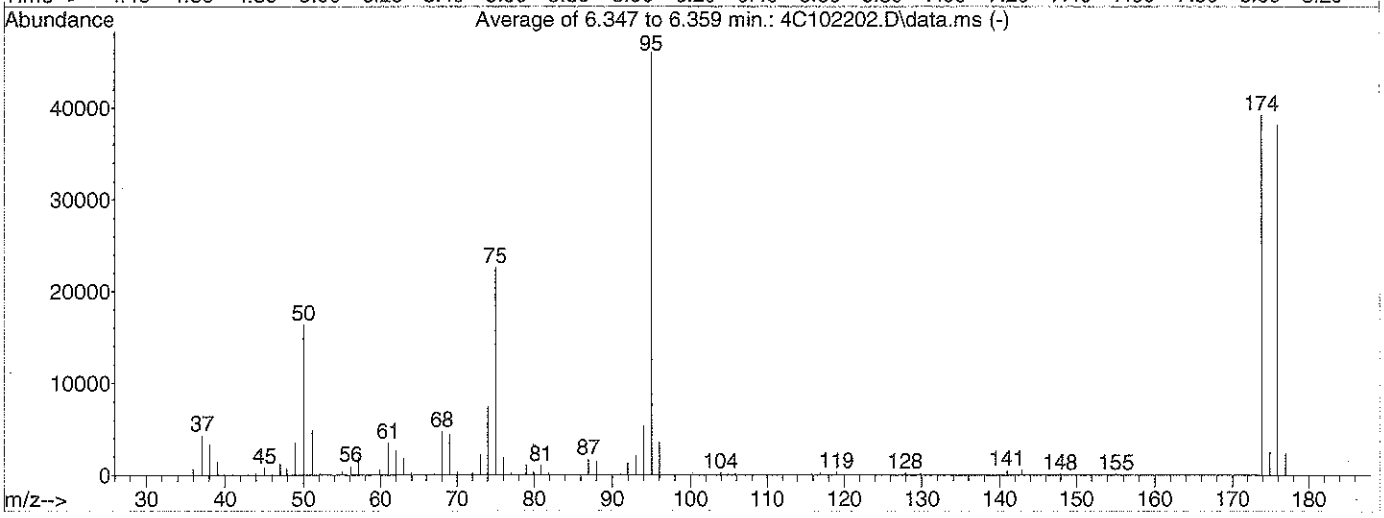
BFB

Data Path : D:\CTANG\DATA\2008\4C102281\
Data File : 4C102202.D
Acq On : 22 Oct 2008 9:03
Operator : CTANG
Sample : BFB
Misc : GCMS #4, BFB (LIMS # 8092903), 0810013
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e

Method : D:\CTANG\METHODS\2008\4CA22231.M
Title :
Last Update : Tue Oct 07 12:12:49 2008





AutoFind: Scans 872, 873, 874; Background Corrected with Scan 868
AUTOFIND via AUTOINTEGRATE

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	35.5	16376	PASS
75	95	30	60	49.1	22636	PASS
95	95	100	100	100.0	46075	PASS
96	95	5	9	7.7	3557	PASS
173	174	0.00	2	0.3	135	PASS
174	95	50	100	85.2	39251	PASS
175	174	5	9	6.3	2457	PASS
176	174	95	101	97.3	38189	PASS
177	176	5	9	6.2	2356	PASS

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102203.D
Acq On : 22 Oct 2008 9:37
Operator : CTANG
Sample : IC, 250 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 22 11:37:31 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1674431	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	834395	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.066	152	683751	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.965	84	1827686	46.74 ng		0.00
34) TOLUENE-D8	5.132	98	1528927	48.24 ng		0.00
52) p-BROMOFLUOROBENZENE	6.350	95	714688	55.20 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.078	85	1585895	234.79 ng		96
3) Chloromethane	1.149	50	4899930	210.62 ng		91
4) Vinyl chloride	1.209	62	2215973	294.68 ng		90
5) Bromomethane	1.360	94	384333	99.23 ng		98
6) Chloroethane	1.414	64	1406753	226.38 ng		98
7) Trichlorofluoromethane	1.650	101	2529289	216.68 ng		100
8) Acrolein	1.643	56	320683	385.54 ng		92
9) 1,1-Dichloroethene	1.899	96	2336399	269.41 ng		91
10) Acetone	1.701	43	7518734	915.06 ng		84
11) Carbon disulfide	2.087	76	5922519	250.74 ng		97
12) Methylene chloride	1.980	84	2379295	249.10 ng	#	13
13) Acrylonitrile	1.933	53	9374873	1032.04 ng		97
14) trans-1,2-Dichloroethene	2.381	96	2034046	235.57 ng	#	59
15) 1,1-Dichloroethane	2.552	63	4953594	222.86 ng	#	100
16) 2-Butanone	2.912	43	11638277	1021.90 ng		88
17) cis-1,2-Dichloroethene	3.012	96	2383531	229.63 ng	#	68
18) 2,2-Dichloropropane	3.240	77	583278	210.45 ng		97
19) Bromochloromethane	3.141	128	899567	213.62 ng		90
20) Chloroform	3.191	83	3877018	217.23 ng		92
21) 1,1,1-Trichloroethane	3.726	97	2732425	229.94 ng		90
22) 1,1-Dichloropropene	3.860	75	3167856	231.87 ng		97
23) Carbon tetrachloride	3.957	117	846477	215.29 ng		90
25) 1,2-Dichloroethane	3.668	62	3691330	197.97 ng	#	93
26) Benzene	3.991	78	9149194	225.85 ng		97
27) Trichloroethene	4.383	130	2243066	235.56 ng		99
28) 1,2-Dichloropropane	4.354	63	3007975	214.09 ng		94
29) Dibromomethane	4.328	174	1131284	217.31 ng		95
30) Bromodichloromethane	4.406	83	2559058	222.87 ng		97
32) cis-1,3-Dichloropropene	4.775	75	2130247	154.54 ng		97
33) 4-Methyl-2-pentanone	4.856	43	10837818	407.37 ng		80
35) Toluene	5.166	91	9513538	228.08 ng		98
36) trans-1,3-Dichloropropene	5.006	75	1612714	137.78 ng		92
37) 1,1,2-Trichloroethane	5.072	97	1900146	215.59 ng		93
38) 1,3-Dichloropropane	5.192	76	3313606	197.52 ng		91
39) Tetrachloroethene	5.510	166	2358317	237.12 ng		98
40) 2-Hexanone	5.294	43	7048553	390.87 ng		93
41) Dibromochloromethane	5.306	129	1580234	197.43 ng		97
42) 1,2-Dibromoethane	5.420	107	1759713	190.56 ng		96
44) Chlorobenzene	5.819	112	6345029	248.96 ng		97
45) 1,1,1,2-Tetrachloroethane	5.786	131	1361547	217.03 ng		95
46) Ethylbenzene	5.917	91	10805027	249.41 ng		98
47) m- &/or p-Xylene	6.007	91	16904987	501.61 ng		100
48) o-Xylene	6.179	91	8757906	250.48 ng		97
49) Styrene	6.148	104	6746890	238.79 ng		96
50) Bromoform	6.035	173	987769	194.14 ng		90

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102203.D
Acq On : 22 Oct 2008 9:37
Operator : CTANG
Sample : IC, 250 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 22 11:37:31 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

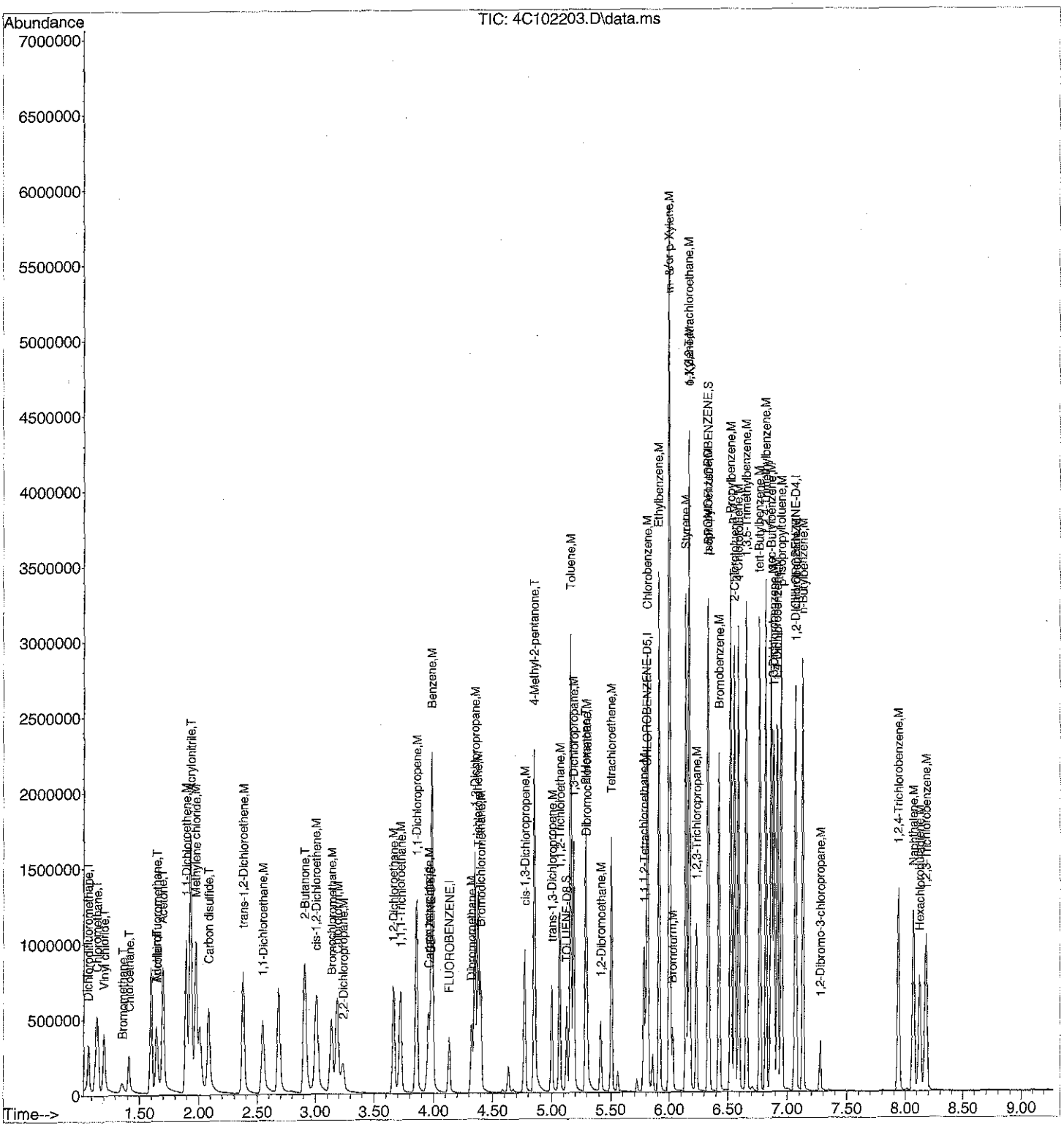
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.341	105	10391924	248.11 ng	99
53) 1,1,2,2-Tetrachloroethane	6.176	83	2239847	220.44 ng	97
54) 1,2,3-Trichloropropane	6.237	75	2063815	213.33 ng	95
55) Bromobenzene	6.434	156	2640312	247.66 ng	89
56) n-Propylbenzene	6.531	91	12033056	247.68 ng	96
57) 2-Chlorotoluene	6.564	91	7546750	242.46 ng	99
58) 4-Chlorotoluene	6.599	91	7858159	240.15 ng	96
59) 1,3,5-Trimethylbenzene	6.665	105	8819032	243.95 ng	96
60) tert-Butylbenzene	6.778	119	7195127	247.77 ng	98
61) 1,2,4-Trimethylbenzene	6.830	105	9027201	243.52 ng	98
62) sec-Butylbenzene	6.873	105	10888525	249.46 ng	99
63) p-Isopropyltoluene	6.958	119	8874542	246.62 ng	98
64) 1,3-Dichlorobenzene	6.895	146	4890458	246.48 ng	99
65) 1,4-Dichlorobenzene	6.926	146	5024637	241.74 ng	97
67) n-Butylbenzene	7.134	91	8127386	215.11 ng	97
68) 1,2-Dichlorobenzene	7.075	146	4757942	213.42 ng	96
69) 1,2-Dibromo-3-chloropr...	7.283	157	431367	160.25 ng	91
70) 1,2,4-Trichlorobenzene	7.947	180	2844900	191.24 ng	90
71) Hexachlorobutadiene	8.132	225	1346999	191.22 ng	96
72) Naphthalene	8.075	128	6752874	171.81 ng	99
73) 1,2,3-Trichlorobenzene	8.185	180	2526347	182.06 ng	91

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102203.D
Acq On : 22 Oct 2008 9:37
Operator : CTANG
Sample : IC, 250 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 22 11:37:31 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102204.D
Acq On : 22 Oct 2008 9:59
Operator : CTANG
Sample : IC, 1,000 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 22 11:39:06 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE	4.136	96	1735400	50.00	ng		0.00
43) CHLOROBENZENE-D5	5.803	82	1077510	50.00	ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	745198	50.00	ng		0.00
System Monitoring Compounds							
24) BENZENE-D6	3.964	84	1900933	46.90	ng		0.00
34) TOLUENE-D8	5.131	98	1679876	51.14	ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	759951	45.46	ng		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.076	85	7145185	1020.68	ng		98
3) Chloromethane	1.147	50	23648005	980.80	ng		91
4) Vinyl chloride	1.202	62	5251525	673.81	ng		92
5) Bromomethane	1.355	94	2488460	619.91	ng		99
6) Chloroethane	1.410	64	6196195	962.08	ng		96
7) Trichlorofluoromethane	1.648	101	12552234	1037.56	ng		93
8) Acrolein	1.640	56	1222810	1418.48	ng		94
9) 1,1-Dichloroethene	1.895	96	9739401	1083.58	ng		91
10) Acetone	1.697	43	33748300	3963.00	ng		84
11) Carbon disulfide	2.084	76	23643801	965.85	ng		97
12) Methylene chloride	1.977	84	10460890	1056.71	ng	#	4
13) Acrylonitrile	1.930	53	42763708	4542.26	ng		97
14) trans-1,2-Dichloroethene	2.379	96	8070387	901.83	ng	#	57
15) 1,1-Dichloroethane	2.550	63	20802700	903.04	ng	#	98
16) 2-Butanone	2.907	43	45626519	3865.48	ng	#	86
17) cis-1,2-Dichloroethene	3.010	96	9548138	887.53	ng	#	66
18) 2,2-Dichloropropane	3.242	77	792468	275.88	ng		95
19) Bromochloromethane	3.139	128	3804868	871.79	ng		98
20) Chloroform	3.190	83	16178321	874.63	ng		92
21) 1,1,1-Trichloroethane	3.726	97	9463354	768.38	ng		92
22) 1,1-Dichloropropene	3.859	75	12058579	851.63	ng		98
23) Carbon tetrachloride	3.956	117	1204085	295.48	ng		91
25) 1,2-Dichloroethane	3.668	62	11748987	607.98	ng	#	91
26) Benzene	3.990	78	35113114	836.32	ng		98
27) Trichloroethene	4.383	130	8463246	857.58	ng		99
28) 1,2-Dichloropropane	4.354	63	11479735	788.36	ng		93
29) Dibromomethane	4.328	174	3181222	589.63	ng		98
30) Bromodichloromethane	4.406	83	7787202	654.37	ng		96
32) cis-1,3-Dichloropropene	4.774	75	8701722	609.11	ng		97
33) 4-Methyl-2-pentanone	4.855	43	49435234	1792.88	ng		80
35) Toluene	5.165	91	35387772	818.58	ng		99
36) trans-1,3-Dichloropropene	5.005	75	7560367	623.21	ng		92
37) 1,1,2-Trichloroethane	5.072	97	7405239	810.68	ng		96
38) 1,3-Dichloropropane	5.192	76	12375346	711.78	ng		92
39) Tetrachloroethene	5.509	166	8918504	865.20	ng		97
40) 2-Hexanone	5.292	43	33272119	1780.23	ng		94
41) Dibromochloromethane	5.305	129	6106516	736.11	ng		99
42) 1,2-Dibromoethane	5.420	107	7019430	733.43	ng		95
44) Chlorobenzene	5.818	112	23655623	718.76	ng		98
45) 1,1,1,2-Tetrachloroethane	5.786	131	4854890	599.26	ng		94
46) Ethylbenzene	5.916	91	39882278	712.88	ng		97
47) m- &/or p-Xylene	6.006	91	58721749	1349.28	ng		99
48) o-Xylene	6.178	91	30857722	683.42	ng		96
49) Styrene	6.148	104	25499788	698.87	ng		96
50) Bromoform	6.034	173	4065678	618.78	ng		89

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102204.D
Acq On : 22 Oct 2008 9:59
Operator : CTANG
Sample : IC, 1,000 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 22 11:39:06 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

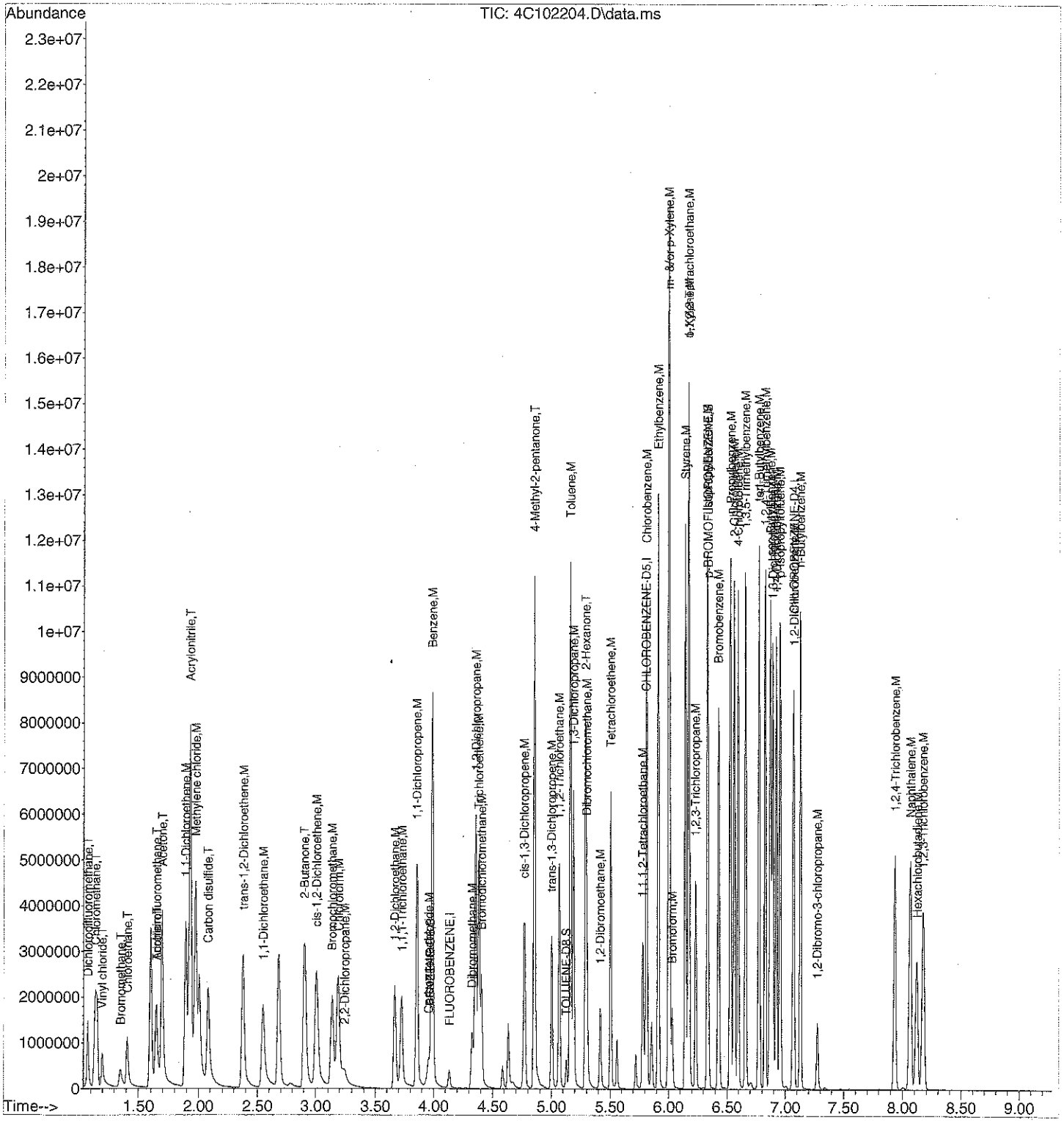
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.340	105	38140913	705.16 ng	99
53) 1,1,2,2-Tetrachloroethane	6.175	83	8542381	651.03 ng	97
54) 1,2,3-Trichloropropane	6.237	75	8565230	685.58 ng	96
55) Bromobenzene	6.433	156	10094150	733.18 ng	89
56) n-Propylbenzene	6.530	91	43971078	700.85 ng	96
57) 2-Chlorotoluene	6.563	91	27786337	691.30 ng	99
58) 4-Chlorotoluene	6.598	91	29310801	693.66 ng	96
59) 1,3,5-Trimethylbenzene	6.663	105	32402599	694.07 ng	97
60) tert-Butylbenzene	6.777	119	26069432	695.18 ng	99
61) 1,2,4-Trimethylbenzene	6.829	105	33069962	690.83 ng	98
62) sec-Butylbenzene	6.872	105	38933232	690.73 ng	99
63) p-Isopropyltoluene	6.956	119	32056324	689.83 ng	98
64) 1,3-Dichlorobenzene	6.893	146	18160947	708.79 ng	99
65) 1,4-Dichlorobenzene	6.924	146	18631476	694.12 ng	97
67) n-Butylbenzene	7.131	91	29347832	712.70 ng	97
68) 1,2-Dichlorobenzene	7.073	146	17920147	737.52 ng	95
69) 1,2-Dibromo-3-chloropr...	7.280	157	2017679	687.76 ng	94
70) 1,2,4-Trichlorobenzene	7.939	180	10875358	670.78 ng	90
71) Hexachlorobutadiene	8.122	225	4943376	643.90 ng	96
72) Naphthalene	8.067	128	28254876	659.59 ng	99
73) 1,2,3-Trichlorobenzene	8.176	180	9672761	639.58 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102204.D
Acq On : 22 Oct 2008 9:59
Operator : CTANG
Sample : IC, 1,000 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 22 11:39:06 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102205.D
Acq On : 22 Oct 2008 10:21
Operator : CTANG
Sample : IC, 750 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 22 11:40:05 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.136	96	1735060	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.803	82	970029	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	716934	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.964	84	1905927	47.03 ng		0.00
34) TOLUENE-D8	5.131	98	1645062	50.09 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	736098	48.91 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.076	85	5116627	731.04 ng		98
3) Chloromethane	1.151	50	17305905	717.90 ng		92
4) Vinyl chloride	1.202	62	4602241	590.62 ng		91
5) Bromomethane	1.356	94	2279890	568.06 ng		98
6) Chloroethane	1.411	64	4612710	716.35 ng		99
7) Trichlorofluoromethane	1.648	101	11745935	971.10 ng		97
8) Acrolein	1.639	56	1013363	1175.75 ng		93
9) 1,1-Dichloroethene	1.895	96	8101415	901.52 ng		92
10) Acetone	1.697	43	25592677	3005.89 ng		87
11) Carbon disulfide	2.085	76	17789093	726.83 ng		97
12) Methylene chloride	1.977	84	7904290	798.61 ng	#	5
13) Acrylonitrile	1.929	53	31140938	3308.37 ng		98
14) trans-1,2-Dichloroethene	2.379	96	6518954	728.61 ng	#	60
15) 1,1-Dichloroethane	2.550	63	16614222	721.36 ng	#	98
16) 2-Butanone	2.907	43	34134091	2892.41 ng	#	86
17) cis-1,2-Dichloroethene	3.010	96	7522290	699.36 ng	#	66
18) 2,2-Dichloropropane	3.240	77	713650	248.49 ng		97
19) Bromochloromethane	3.140	128	3142025	720.05 ng		98
20) Chloroform	3.190	83	12892863	697.15 ng		94
21) 1,1,1-Trichloroethane	3.726	97	7458152	605.68 ng		91
22) 1,1-Dichloropropene	3.859	75	9612844	679.03 ng		98
23) Carbon tetrachloride	3.956	117	767211	188.31 ng		90
25) 1,2-Dichloroethane	3.668	62	9171506	474.69 ng	#	90
26) Benzene	3.990	78	28212128	672.09 ng		97
27) Trichloroethene	4.383	130	6794352	688.60 ng		99
28) 1,2-Dichloropropane	4.354	63	9266496	636.49 ng		93
29) Dibromomethane	4.328	174	2861074	530.40 ng		97
30) Bromodichloromethane	4.406	83	6632519	557.45 ng		97
32) cis-1,3-Dichloropropene	4.774	75	7346742	514.36 ng		96
33) 4-Methyl-2-pentanone	4.855	43	35886998	1301.78 ng		80
35) Toluene	5.165	91	28529992	660.08 ng		99
36) trans-1,3-Dichloropropene	5.005	75	6333219	522.16 ng		93
37) 1,1,2-Trichloroethane	5.072	97	5748674	629.46 ng		96
38) 1,3-Dichloropropane	5.192	76	9871367	567.87 ng		93
39) Tetrachloroethene	5.509	166	7116230	690.50 ng		96
40) 2-Hexanone	5.292	43	24295073	1300.16 ng		94
41) Dibromochloromethane	5.306	129	4657036	561.49 ng		99
42) 1,2-Dibromoethane	5.420	107	5567126	581.80 ng		95
44) Chlorobenzene	5.818	112	19059730	643.29 ng		97
45) 1,1,1,2-Tetrachloroethane	5.785	131	3209365	440.04 ng		95
46) Ethylbenzene	5.916	91	32150401	638.35 ng		97
47) m- &/or p-Xylene	6.006	91	47688914	1217.18 ng		99
48) o-Xylene	6.178	91	25258830	621.41 ng		96
49) Styrene	6.147	104	19351271	589.13 ng		96
50) Bromoform	6.034	173	2940825	497.18 ng		90

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102205.D
Acq On : 22 Oct 2008 10:21
Operator : CTANG
Sample : IC, 750 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 22 11:40:05 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

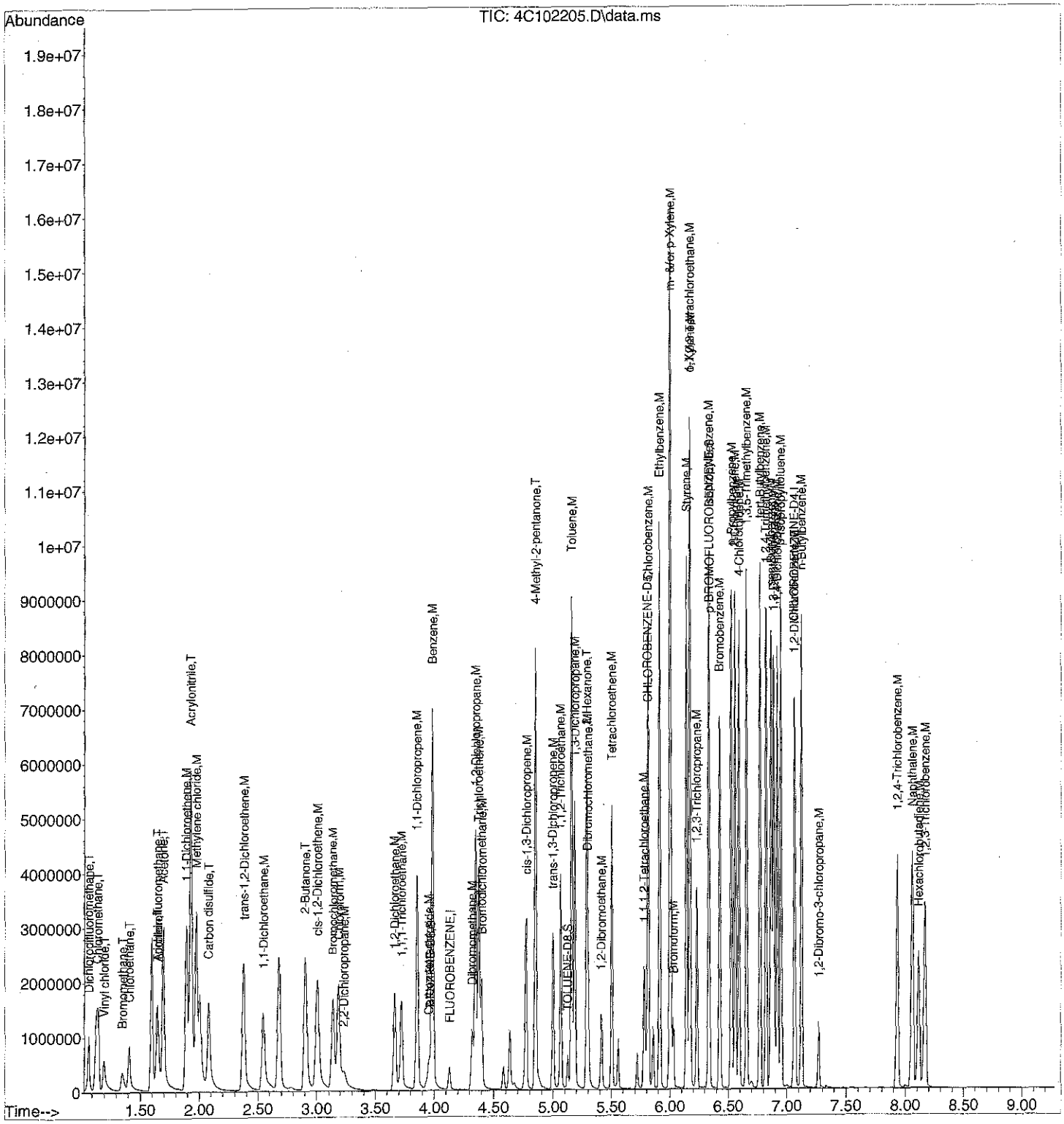
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	30806093	632.66 ng	99
53) 1,1,2,2-Tetrachloroethane	6.174	83	6695262	566.80 ng	97
54) 1,2,3-Trichloropropane	6.236	75	6650947	591.35 ng	97
55) Bromobenzene	6.432	156	8006880	646.02 ng	88
56) n-Propylbenzene	6.530	91	35614314	630.55 ng	97
57) 2-Chlorotoluene	6.563	91	22191653	613.29 ng	99
58) 4-Chlorotoluene	6.597	91	23439852	616.19 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	26151816	622.25 ng	96
60) tert-Butylbenzene	6.776	119	21061787	623.88 ng	99
61) 1,2,4-Trimethylbenzene	6.828	105	26791110	621.67 ng	97
62) sec-Butylbenzene	6.871	105	31723359	625.18 ng	99
63) p-Isopropyltoluene	6.955	119	26026264	622.13 ng	97
64) 1,3-Dichlorobenzene	6.892	146	14530765	629.95 ng	99
65) 1,4-Dichlorobenzene	6.923	146	15063792	623.39 ng	97
67) n-Butylbenzene	7.130	91	24059565	607.31 ng	97
68) 1,2-Dichlorobenzene	7.072	146	14395665	615.83 ng	96
69) 1,2-Dibromo-3-chloropr...	7.278	157	1541031	546.00 ng	97
70) 1,2,4-Trichlorobenzene	7.937	180	8894852	570.25 ng	91
71) Hexachlorobutadiene	8.118	225	4093822	554.26 ng	96
72) Naphthalene	8.063	128	23392245	567.60 ng	99
73) 1,2,3-Trichlorobenzene	8.172	180	8032579	552.06 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102205.D
Acq On : 22 Oct 2008 10:21
Operator : CTANG
Sample : IC, 750 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 22 11:40:05 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102206.D
Acq On : 22 Oct 2008 10:43
Operator : CTANG
Sample : IC, 500 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 22 11:41:10 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE	4.136	96	1719719	50.00	ng		0.00
43) CHLOROBENZENE-D5	5.804	82	909888	50.00	ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	701718	50.00	ng		0.00
System Monitoring Compounds							
24) BENZENE-D6	3.964	84	1842955	45.89	ng		0.00
34) TOLUENE-D8	5.131	98	1618957	49.73	ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	719209	50.94	ng		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.077	85	3331354	480.22	ng		96
3) Chloromethane	1.152	50	11154226	466.84	ng		90
4) Vinyl chloride	1.204	62	3879512	502.31	ng		87
5) Bromomethane	1.359	94	1627175	409.05	ng		96
6) Chloroethane	1.412	64	3078750	482.40	ng		96
7) Trichlorofluoromethane	1.649	101	7078078	590.40	ng		97
8) Acrolein	1.641	56	666399	780.08	ng		95
9) 1,1-Dichloroethene	1.896	96	5708326	640.89	ng		91
10) Acetone	1.697	43	17504179	2074.23	ng		88
11) Carbon disulfide	2.086	76	11910233	490.97	ng		98
12) Methylene chloride	1.978	84	5135850	523.53	ng	#	3
13) Acrylonitrile	1.930	53	21229996	2275.56	ng		98
14) trans-1,2-Dichloroethene	2.379	96	4507842	508.33	ng	#	58
15) 1,1-Dichloroethane	2.551	63	11277668	494.03	ng	#	98
16) 2-Butanone	2.908	43	24382393	2084.51	ng	#	86
17) cis-1,2-Dichloroethene	3.010	96	5162900	484.29	ng	#	65
18) 2,2-Dichloropropane	3.239	77	562847	197.73	ng		90
19) Bromochloromethane	3.141	128	2157739	498.90	ng		99
20) Chloroform	3.190	83	8733193	476.44	ng		93
21) 1,1,1-Trichloroethane	3.726	97	5047230	413.55	ng		90
22) 1,1-Dichloropropene	3.859	75	6791941	484.05	ng		98
23) Carbon tetrachloride	3.956	117	580198	143.68	ng		88
25) 1,2-Dichloroethane	3.668	62	6629083	346.17	ng	#	91
26) Benzene	3.991	78	19539258	469.63	ng		97
27) Trichloroethene	4.383	130	4736176	484.29	ng		99
28) 1,2-Dichloropropane	4.354	63	6444880	446.63	ng		93
29) Dibromomethane	4.328	174	2267002	424.01	ng		97
30) Bromodichloromethane	4.406	83	4748551	402.67	ng		96
32) cis-1,3-Dichloropropene	4.774	75	4944494	349.26	ng		97
33) 4-Methyl-2-pentanone	4.855	43	24449927	894.82	ng		80
35) Toluene	5.165	91	19887994	464.24	ng		99
36) trans-1,3-Dichloropropene	5.005	75	4206170	349.88	ng		92
37) 1,1,2-Trichloroethane	5.072	97	4020698	444.18	ng		95
38) 1,3-Dichloropropane	5.192	76	6895016	400.19	ng		93
39) Tetrachloroethene	5.510	166	4945531	484.15	ng		98
40) 2-Hexanone	5.293	43	16600620	896.32	ng		94
41) Dibromochloromethane	5.306	129	3117940	379.28	ng		98
42) 1,2-Dibromoethane	5.420	107	3961522	417.70	ng		95
44) Chlorobenzene	5.818	112	13274130	477.63	ng		97
45) 1,1,1,2-Tetrachloroethane	5.786	131	2038689	298.00	ng		96
46) Ethylbenzene	5.916	91	22577631	477.91	ng		98
47) m- &/or p-Xylene	6.006	91	34051919	926.57	ng		99
48) o-Xylene	6.178	91	17721944	464.80	ng		95
49) Styrene	6.147	104	13379075	434.23	ng		96
50) Bromoform	6.034	173	1945892	350.72	ng		89

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102206.D
Acq On : 22 Oct 2008 10:43
Operator : CTANG
Sample : IC, 500 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 22 11:41:10 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

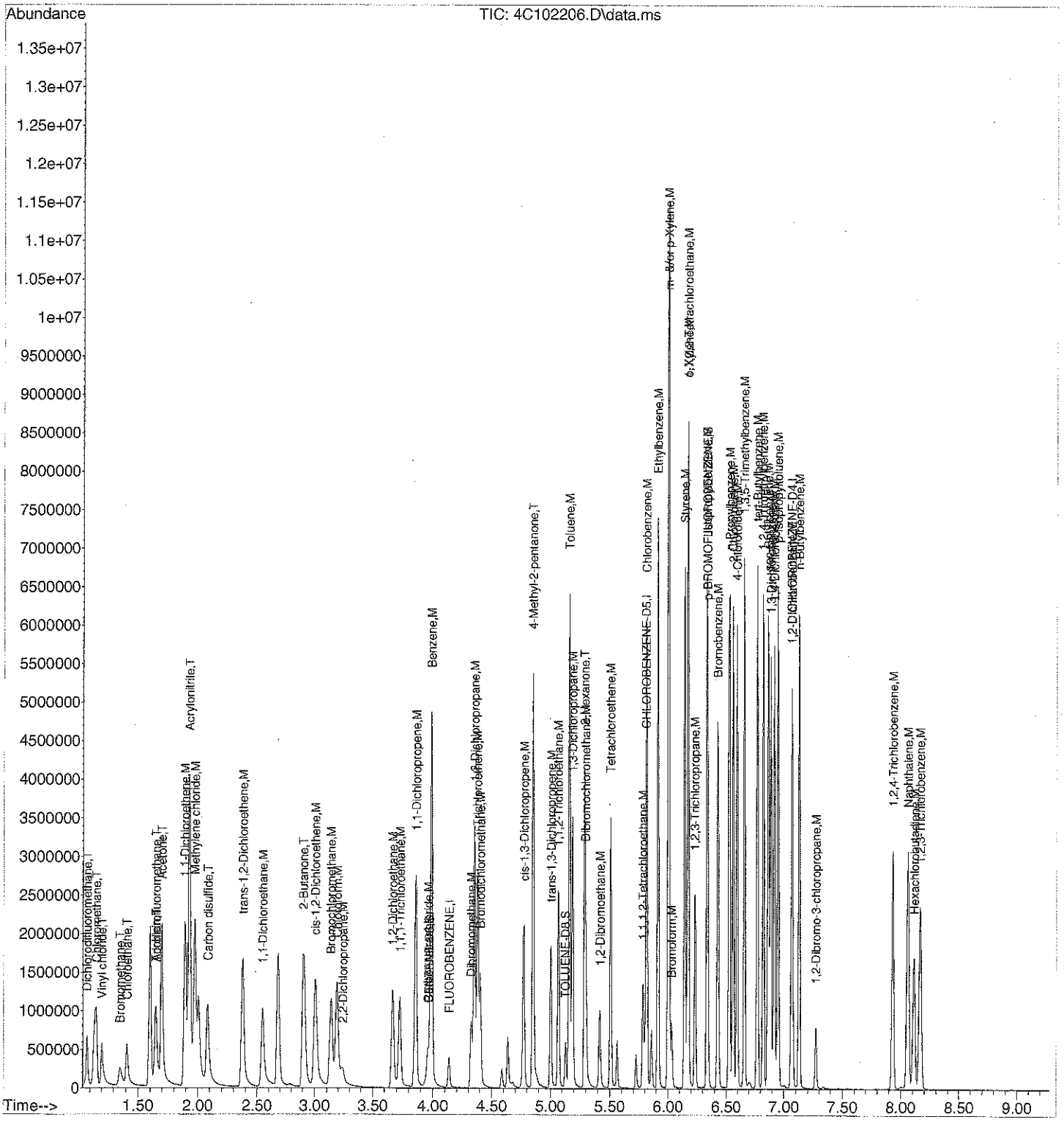
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	21694970	474.99 ng	99
53) 1,1,2,2-Tetrachloroethane	6.174	83	4762873	429.86 ng	97
54) 1,2,3-Trichloropropane	6.236	75	4742314	449.52 ng	98
55) Bromobenzene	6.432	156	5574926	479.53 ng	90
56) n-Propylbenzene	6.530	91	25020118	472.26 ng	97
57) 2-Chlorotoluene	6.562	91	15596244	459.50 ng	99
58) 4-Chlorotoluene	6.597	91	16486582	462.04 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	18333498	465.05 ng	96
60) tert-Butylbenzene	6.776	119	14859891	469.26 ng	99
61) 1,2,4-Trimethylbenzene	6.828	105	18798254	465.04 ng	98
62) sec-Butylbenzene	6.870	105	22354285	469.66 ng	98
63) p-Isopropyltoluene	6.954	119	18394586	468.76 ng	97
64) 1,3-Dichlorobenzene	6.892	146	10187592	470.85 ng	99
65) 1,4-Dichlorobenzene	6.922	146	10594497	467.41 ng	97
67) n-Butylbenzene	7.129	91	16934069	436.72 ng	97
68) 1,2-Dichlorobenzene	7.072	146	10033784	438.54 ng	95
69) 1,2-Dibromo-3-chloropr...	7.278	157	995553	360.38 ng	95
70) 1,2,4-Trichlorobenzene	7.934	180	6301221	412.73 ng	91
71) Hexachlorobutadiene	8.115	225	2886275	399.25 ng	96
72) Naphthalene	8.061	128	17058576	422.89 ng	99
73) 1,2,3-Trichlorobenzene	8.169	180	5765592	404.85 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102206.D
Acq On : 22 Oct 2008 10:43
Operator : CTANG
Sample : IC, 500 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 22 11:41:10 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102207.D
Acq On : 22 Oct 2008 11:06
Operator : CTANG
Sample : IC, 125 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 22 11:42:07 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1713303	50.00	ng		0.00
43) CHLOROBENZENE-D5	5.804	82	793787	50.00	ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	670494	50.00	ng		0.00
System Monitoring Compounds							
24) BENZENE-D6	3.965	84	1771697	44.28	ng		0.00
34) TOLUENE-D8	5.132	98	1614981	49.79	ng		0.00
52) p-BROMOFLUOROBENZENE	6.348	95	713665	57.94	ng		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.077	85	732366	105.97	ng		97
3) Chloromethane	1.153	50	2990221	125.62	ng		92
4) Vinyl chloride	1.209	62	1247614	162.14	ng		95
5) Bromomethane	1.362	94	539823	136.21	ng		93
6) Chloroethane	1.413	64	692747	108.95	ng		98
7) Trichlorofluoromethane	1.649	101	1622871	135.88	ng		97
8) Acrolein	1.642	56	161602	189.88	ng		84
9) 1,1-Dichloroethene	1.897	96	998360	112.51	ng		94
10) Acetone	1.700	43	3937818	468.37	ng		88
11) Carbon disulfide	2.086	76	2488022	102.95	ng		98
12) Methylene chloride	1.979	84	966708	98.91	ng	#	11
13) Acrylonitrile	1.933	53	4496526	483.77	ng		97
14) trans-1,2-Dichloroethene	2.380	96	888567	100.57	ng	#	61
15) 1,1-Dichloroethane	2.551	63	2034956	89.48	ng	#	98
16) 2-Butanone	2.914	43	5894706	505.84	ng		87
17) cis-1,2-Dichloroethene	3.011	96	1008607	94.96	ng	#	66
18) 2,2-Dichloropropane	3.241	77	295490	104.19	ng		99
19) Bromochloromethane	3.141	128	412491	95.73	ng		97
20) Chloroform	3.190	83	1529670	83.76	ng		96
21) 1,1,1-Trichloroethane	3.726	97	1044096	85.87	ng		89
22) 1,1-Dichloropropene	3.860	75	1311329	93.81	ng		98
23) Carbon tetrachloride	3.957	117	209241	52.01	ng		93
25) 1,2-Dichloroethane	3.668	62	1568611	82.22	ng	#	94
26) Benzene	3.991	78	3823666	92.25	ng		97
27) Trichloroethene	4.383	130	898147	92.18	ng		98
28) 1,2-Dichloropropane	4.354	63	1239701	86.23	ng		95
29) Dibromomethane	4.329	174	544688	102.26	ng		98
30) Bromodichloromethane	4.406	83	904787	77.01	ng		93
32) cis-1,3-Dichloropropene	4.775	75	872916	61.89	ng		98
33) 4-Methyl-2-pentanone	4.857	43	5447346	200.11	ng		80
35) Toluene	5.166	91	3920987	91.87	ng		99
36) trans-1,3-Dichloropropene	5.007	75	715041	59.70	ng		94
37) 1,1,2-Trichloroethane	5.073	97	829229	91.95	ng		93
38) 1,3-Dichloropropane	5.192	76	1456010	84.82	ng		91
39) Tetrachloroethene	5.510	166	940603	92.43	ng		96
40) 2-Hexanone	5.295	43	3817367	206.88	ng		94
41) Dibromochloromethane	5.306	129	565386	69.03	ng	#	85
42) 1,2-Dibromoethane	5.421	107	818146	86.59	ng		95
44) Chlorobenzene	5.818	112	2586400	106.68	ng		98
45) 1,1,1,2-Tetrachloroethane	5.786	131	404250	67.73	ng		96
46) Ethylbenzene	5.916	91	4488733	108.91	ng		99
47) m- &/or p-Xylene	6.006	91	7077010	220.73	ng		99
48) o-Xylene	6.178	91	3674248	110.46	ng		96
49) Styrene	6.148	104	2868781	106.73	ng		95
50) Bromoform	6.034	173	353663	73.07	ng		89

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102207.D
Acq On : 22 Oct 2008 11:06
Operator : CTANG
Sample : IC, 125 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 22 11:42:07 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

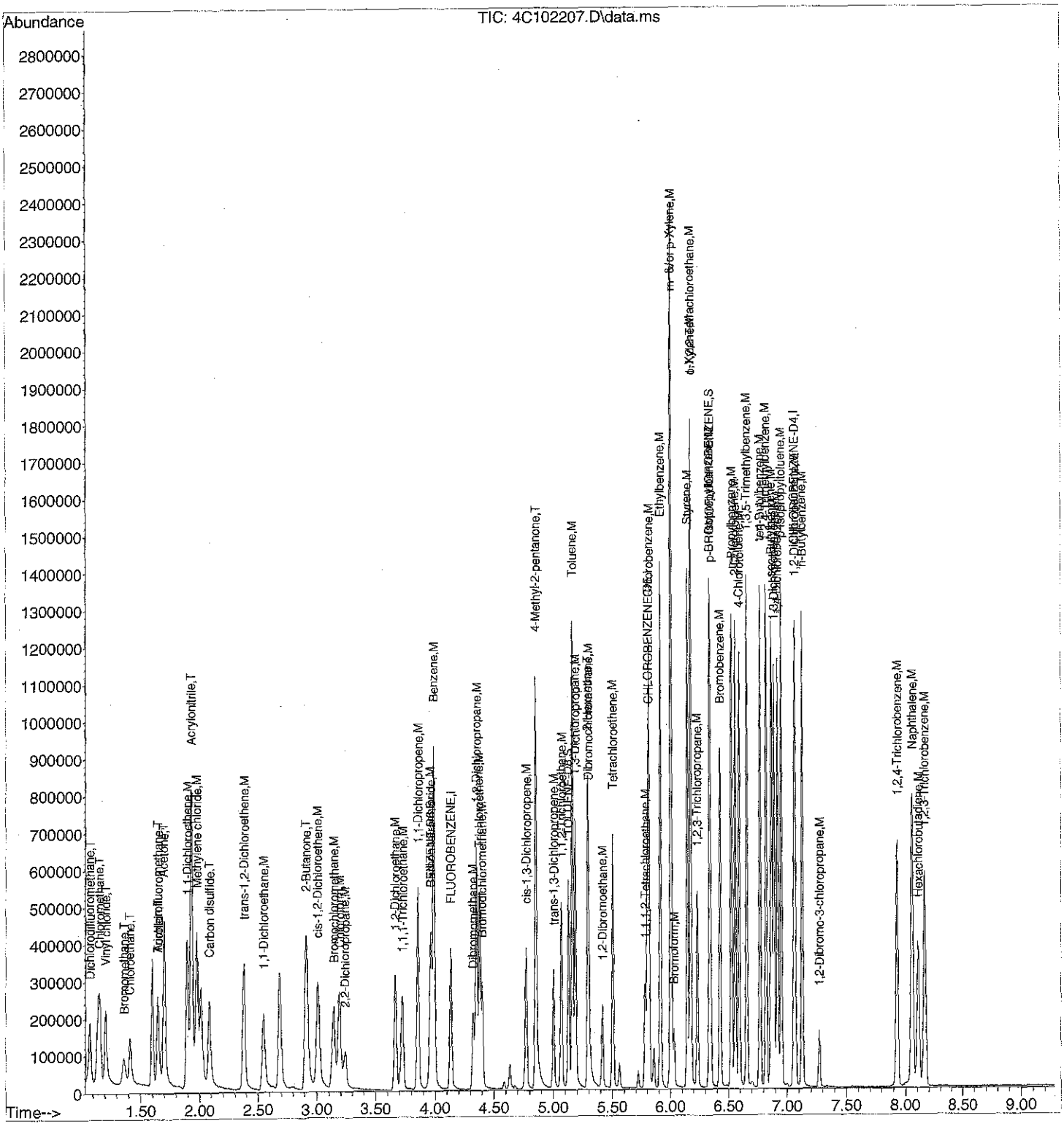
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	4309251	108.15 ng	98
53) 1,1,2,2-Tetrachloroethane	6.174	83	995623	103.00 ng	97
54) 1,2,3-Trichloropropane	6.236	75	1000782	108.74 ng	95
55) Bromobenzene	6.432	156	1125634	110.98 ng	91
56) n-Propylbenzene	6.530	91	4960951	107.33 ng	96
57) 2-Chlorotoluene	6.562	91	3118487	105.32 ng	99
58) 4-Chlorotoluene	6.597	91	3352159	107.69 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	3684999	107.15 ng	97
60) tert-Butylbenzene	6.775	119	2971546	107.56 ng	100
61) 1,2,4-Trimethylbenzene	6.827	105	3833394	108.70 ng	97
62) sec-Butylbenzene	6.870	105	4485449	108.02 ng	98
63) p-Isopropyltoluene	6.954	119	3746941	109.45 ng	97
64) 1,3-Dichlorobenzene	6.892	146	2050117	108.61 ng	98
65) 1,4-Dichlorobenzene	6.922	146	2141887	108.32 ng	96
67) n-Butylbenzene	7.129	91	3456612	93.29 ng	96
68) 1,2-Dichlorobenzene	7.071	146	2071243	94.74 ng	96
69) 1,2-Dibromo-3-chloropr...	7.278	157	191842	72.68 ng	96
70) 1,2,4-Trichlorobenzene	7.933	180	1391021	95.36 ng	90
71) Hexachlorobutadiene	8.113	225	633284	91.68 ng	97
72) Naphthalene	8.060	128	4502455	116.82 ng	99
73) 1,2,3-Trichlorobenzene	8.168	180	1389900	102.14 ng	93

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102207.D
Acq On : 22 Oct 2008 11:06
Operator : CTANG
Sample : IC, 125 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 22 11:42:07 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102208.D
Acq On : 22 Oct 2008 11:28
Operator : CTANG
Sample : IC, 25 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 11:46:39 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1653498	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	770534	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	656439	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.966	84	1714071	44.39 ng		0.00
34) TOLUENE-D8	5.133	98	1525470	48.74 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	695631	58.18 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.078	85	101565	15.23 ng		98
3) Chloromethane	1.145	50	1094571	47.65 ng		90
4) Vinyl chloride	1.210	62	165705	22.31 ng	#	42
5) Bromomethane	1.362	94	300624	78.60 ng		97
6) Chloroethane	1.415	64	117052	19.07 ng		98
8) Acrolein	1.646	56	24446	29.76 ng	#	15
9) 1,1-Dichloroethene	1.899	96	132581	15.48 ng		99
10) Acetone	1.705	43	565409	69.68 ng		94
11) Carbon disulfide	2.087	76	445155	19.09 ng		98
12) Methylene chloride	1.982	84	202042	21.42 ng	#	15
13) Acrylonitrile	1.938	53	599846	66.87 ng		95
14) trans-1,2-Dichloroethene	2.380	96	130903	15.35 ng	#	53
16) 2-Butanone	2.925	43	766353	68.14 ng		89
17) cis-1,2-Dichloroethene	3.013	96	170787	16.66 ng		78
18) 2,2-Dichloropropane	3.239	77	75100	27.44 ng		92
29) Dibromomethane	4.330	174	83269	16.20 ng		91
33) 4-Methyl-2-pentanone	4.861	43	728264	27.72 ng	#	77
37) 1,1,2-Trichloroethane	5.074	97	133235	15.31 ng		90
39) Tetrachloroethene	5.511	166	147593	15.03 ng		97
40) 2-Hexanone	5.302	43	568348	31.92 ng		99
44) Chlorobenzene	5.819	112	435625	18.51 ng		98
46) Ethylbenzene	5.918	91	689942	17.25 ng		97
47) m- &/or p-Xylene	6.007	91	1132784	36.40 ng		100
48) o-Xylene	6.178	91	576992	17.87 ng		97
49) Styrene	6.148	104	454068	17.40 ng		91
51) Isopropylbenzene	6.340	105	690754	17.86 ng		99
53) 1,1,2,2-Tetrachloroethane	6.175	83	177127	18.88 ng		99
54) 1,2,3-Trichloropropane	6.237	75	175337	19.63 ng		95
55) Bromobenzene	6.433	156	179587	18.24 ng		89
56) n-Propylbenzene	6.531	91	807570	18.00 ng		96
57) 2-Chlorotoluene	6.563	91	512741	17.84 ng		99
58) 4-Chlorotoluene	6.598	91	563266	18.64 ng		95
59) 1,3,5-Trimethylbenzene	6.663	105	599973	17.97 ng		93
60) tert-Butylbenzene	6.775	119	487685	18.19 ng		98
61) 1,2,4-Trimethylbenzene	6.827	105	622933	18.20 ng		99
62) sec-Butylbenzene	6.870	105	792052	19.65 ng		100
63) p-Isopropyltoluene	6.954	119	659961	19.86 ng	#	72
64) 1,3-Dichlorobenzene	6.893	146	367172	20.04 ng		99
65) 1,4-Dichlorobenzene	6.922	146	402545	20.97 ng		94
67) n-Butylbenzene	7.130	91	660277	18.20 ng		98
68) 1,2-Dichlorobenzene	7.072	146	369484	17.26 ng		99
70) 1,2,4-Trichlorobenzene	7.934	180	330148	23.12 ng		89
71) Hexachlorobutadiene	8.112	225	137767	20.37 ng		98
72) Naphthalene	8.060	128	1190065	31.54 ng		97
73) 1,2,3-Trichlorobenzene	8.168	180	340337	25.55 ng		90

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102208.D
Acq On : 22 Oct 2008 11:28
Operator : CTANG
Sample : IC, 25 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 11:46:39 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration

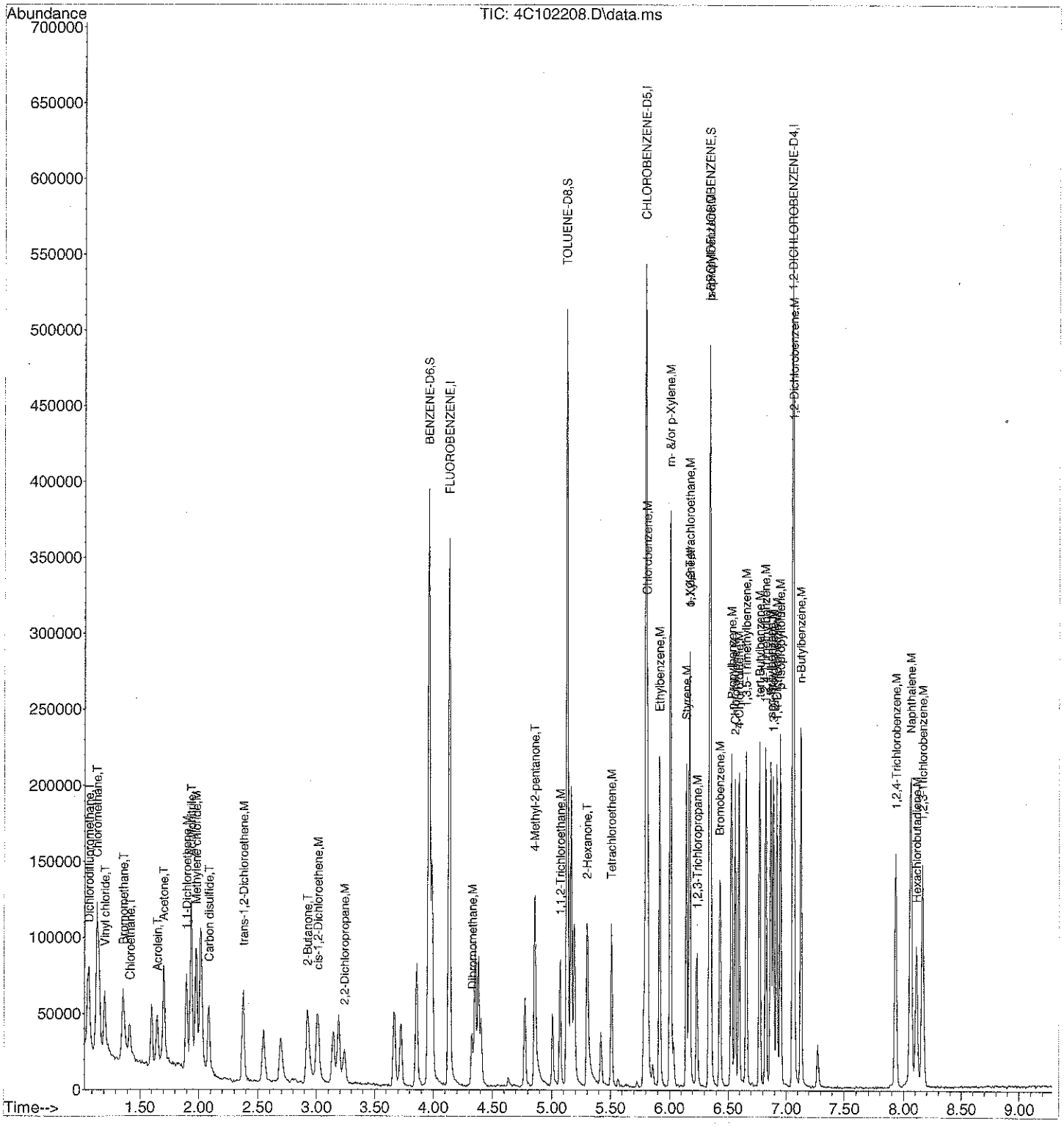
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102208.D
Acq On : 22 Oct 2008 11:28
Operator : CTANG
Sample : IC, 25 NG
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 22 11:46:39 2008
Quant Method : D:\Ctang\Methods\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:35:30 2008
Response via : Initial Calibration



Response Factor Report GCMS04

Method Path : D:\Ctang\Methods\2008\
Method File : 4CA22231.M
Title :
Last Update : Wed Oct 22 11:57:27 2008
Response Via : Initial Calibration

Calibration Files
3 =4C102203.D 5 =4C102205.D 4 =4C102206.D 2 =4C102207.D 1 =4C102208.D
6 =4C102204.D

		Compound	3	5	4	2	1	6	Avg	%RSD	
1)	I	FLUOROBENZENE	----------ISTD----------								
2)	T	Dichlorodifluo...	0.189	0.197	0.194	0.171		0.206	0.191	6.73	
3)	T	Chloromethane	0.585	0.665	0.649	0.698	0.662	0.681	0.657	5.93	
4)	T	Vinyl chloride	0.265	0.177	0.226	0.291		0.151	0.222	26.34	
5)	T	Bromomethane	0.046	0.088	0.095	0.126		0.072	0.085	34.67	X
6)	T	Chloroethane	0.168	0.177	0.179	0.162	0.071	0.179	0.156	27.10	
7)	T	Trichlorofluor...	0.302	0.451	0.412	0.379		0.362	0.381	14.66	
8)	T	Acrolein	0.008	0.008	0.008	0.008	0.006	0.007	0.007	9.93	
9)	M	1,1-Dichloroet...	0.279	0.311	0.332	0.233	0.160	0.281	0.266	23.18	
10)	T	Acetone	0.180	0.197	0.204	0.184	0.137	0.194	0.182	13.17	
11)	T	Carbon disulfide	0.707	0.684	0.693	0.581	0.538	0.681	0.647	10.79	
12)	M	Methylene chlo...	0.284	0.304	0.299	0.226	0.244	0.301	0.276	12.03	
13)	T	Acrylonitrile	0.224	0.239	0.247	0.210	0.145	0.246	0.219	17.73	
14)	M	trans-1,2-Dich...	0.243	0.250	0.262	0.207	0.158	0.233	0.226	16.77	
15)	M	1,1-Dichloroet...	0.592	0.638	0.656	0.475	0.357	0.599	0.553	20.80	
16)	T	2-Butanone	0.278	0.262	0.284	0.275	0.185	0.263	0.258	14.16	
17)	M	cis-1,2-Dichlo...	0.285	0.289	0.300	0.235	0.207	0.275	0.265	13.69	
18)	M	2,2-Dichloropr...	0.070		0.033	0.069	0.091		0.066	36.79	X
19)	M	Bromochloromet...	0.107	0.121	0.125	0.096	0.071	0.110	0.105	18.71	
20)	M	Chloroform	0.463	0.495	0.508	0.357	0.289	0.466	0.430	20.26	
21)	M	1,1,1-Trichlor...	0.326	0.287	0.293	0.244	0.205	0.273	0.271	15.54	
22)	M	1,1-Dichloropr...	0.378	0.369	0.395	0.306	0.232	0.347	0.338	17.84	
23)	M	Carbon tetrach...	0.101	0.029	0.034	0.049	0.062	0.035	0.052	52.39	X
24)	S	BENZENE-D6	1.092	1.098	1.072	1.034	1.037	1.095	1.071	2.74	
25)	M	1,2-Dichloroet...	0.441	0.352	0.385	0.366	0.334	0.339	0.370	10.74	
26)	M	Benzene	1.093	1.084	1.136	0.893	0.723	1.012	0.990	15.79	
27)	M	Trichloroethene	0.268	0.261	0.275	0.210	0.170	0.244	0.238	17.08	
28)	M	1,2-Dichloropr...	0.359	0.356	0.375	0.289	0.239	0.331	0.325	15.87	
29)	M	Dibromomethane	0.135	0.110	0.132	0.127	0.101	0.092	0.116	15.43	
30)	M	Bromodichlorom...	0.306	0.255	0.276	0.211	0.161	0.224	0.239	21.41	
31)	T	2-Chloroethyl ...							0.000	-1.00	
32)	M	cis-1,3-Dichlo...	0.254	0.282	0.288	0.204	0.161	0.251	0.240	20.32	
33)	T	4-Methyl-2-pen...	0.647	0.689	0.711	0.636	0.440	0.712	0.639	16.04	
34)	S	TOLUENE-D8	0.913	0.948	0.941	0.943	0.923	0.968	0.939	2.07	
35)	M	Toluene	1.136	1.096	1.156	0.915	0.731	1.020	1.009	16.09	
36)	M	trans-1,3-Dich...	0.193	0.243	0.245	0.167	0.131	0.218	0.199	22.51	
37)	M	1,1,2-Trichlor...	0.227	0.221	0.234	0.194	0.161	0.213	0.208	12.92	
38)	M	1,3-Dichloropr...	0.396	0.379	0.401	0.340	0.288	0.357	0.360	11.78	
39)	M	Tetrachloroethene	0.282	0.273	0.288	0.220	0.179	0.257	0.250	17.04	
40)	T	2-Hexanone	0.421	0.467	0.483	0.446	0.344	0.479	0.440	11.92	
41)	M	Dibromochlorom...	0.189	0.179	0.181	0.132	0.105	0.176	0.160	21.09	
42)	M	1,2-Dibromoethane	0.210	0.214	0.230	0.191	0.159	0.202	0.201	12.09	
43)	I	CHLOROBENZENE-D5	----------ISTD----------								
44)	M	Chlorobenzene	1.521	1.310	1.459	1.303	1.131	1.098	1.304	13.00	
45)	M	1,1,1,2-Tetrac...	0.326	0.221	0.224	0.204	0.182	0.225	0.230	21.65	
46)	M	Ethylbenzene	2.590	2.210	2.481	2.262	1.791	1.851	2.197	14.74	
47)	M	m- &/or p-Xylene	2.026	1.639	1.871	1.783	1.470	1.362	1.692	14.78	
48)	M	o-Xylene	2.099	1.736	1.948	1.852	1.498	1.432	1.761	14.72	
49)	M	Styrene	1.617	1.330	1.470	1.446	1.179	1.183	1.371	12.64	
50)	M	Bromoform	0.237	0.202	0.214	0.178	0.164	0.189	0.197	13.25	
51)	M	Isopropylbenzene	2.491	2.117	2.384	2.171	1.793	1.770	2.121	13.98	
52)	S	p-BROMOFLUOROB...	0.857	0.759	0.790	0.899	0.903	0.705	0.819	9.80	
53)	M	1,1,2,2-Tetrac...	0.537	0.460	0.523	0.502	0.460	0.396	0.480	10.79	
54)	M	1,2,3-Trichlor...	0.495	0.457	0.521	0.504	0.455	0.397	0.472	9.50	
55)	M	Bromobenzene	0.633	0.550	0.613	0.567	0.466	0.468	0.550	12.81	
56)	M	n-Propylbenzene	2.884	2.448	2.750	2.500	2.096	2.040	2.453	13.81	
57)	M	2-Chlorotoluene	1.809	1.525	1.714	1.571	1.331	1.289	1.540	13.32	

Method Path : D:\Ctang\Methods\2008\
Method File : 4CA22231.M
Title :

58)	M	4-Chlorotoluene	1.884	1.611	1.812	1.689	1.462	1.360	1.636	12.29
59)	M	1,3,5-Trimethy...	2.114	1.797	2.015	1.857	1.557	1.504	1.807	13.43
60)	M	tert-Butylbenzene	1.725	1.448	1.633	1.497	1.266	1.210	1.463	13.73
61)	M	1,2,4-Trimethy...	2.164	1.841	2.066	1.932	1.617	1.535	1.859	13.29
62)	M	sec-Butylbenzene	2.610	2.180	2.457	2.260	2.056	1.807	2.228	12.83
63)	M	p-Isopropyltol...	2.127	1.789	2.022	1.888	1.713	1.488	1.838	12.43
64)	M	1,3-Dichlorobe...	1.172	0.999	1.120	1.033	0.953	0.843	1.020	11.57
65)	M	1,4-Dichlorobe...	1.204	1.035	1.164	1.079	1.045	0.865	1.065	11.18
66)	I	1,2-DICHLOROBENZEN...	----------ISTD----------							
67)	M	n-Butylbenzene	2.377	2.237	2.413	2.062	2.012	1.969	2.178	8.79
68)	M	1,2-Dichlorobe...	1.392	1.339	1.430	1.236	1.126	1.202	1.287	9.18
69)	M	1,2-Dibromo-3-...	0.126	0.143	0.142	0.114	0.112	0.135	0.129	10.43
70)	M	1,2,4-Trichlor...	0.832	0.827	0.898	0.830	1.006	0.730	0.854	10.76
71)	M	Hexachlorobuta...	0.394	0.381	0.411	0.378	0.420	0.332	0.386	8.10
72)	M	Naphthalene	1.975	2.175	2.431	2.686	3.626	1.896	2.465	25.95
73)	M	1,2,3-Trichlor...	0.739	0.747	0.822	0.829	1.037	0.649	0.804	16.38

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102209.D
Acq On : 22 Oct 2008 12:34
Operator : CTANG
Sample : IC Check, 250 NG (Control limit 70 to 130% or 175 NG to 325 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 9 Sample Multiplier: 1

too many compds failed the ±30% QC Limit, Run another IC CHK (See 4C102213.D) that was spiked from a fresh vial.
CMJ 11/26/08.

Quant Time: Oct 22 13:03:50 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.139	96	1692135	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.805	82	917229	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.066	152	716382	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.967	84	2067210	57.02 ng		0.00
34) TOLUENE-D8	5.133	98	1574925	49.54 ng		0.00
52) p-BROMOFLUOROBENZENE	6.351	95	706431	47.03 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.078	85	1390281	214.73 ng		97
3) Chloromethane	1.146	50	6082337	273.67 ng		91
4) Vinyl chloride	1.207	62	1502595	200.05 ng		88
5) Bromomethane	1.359	94	869434	301.63 ng		99
6) Chloroethane	1.413	64	1466520	277.98 ng		98
7) Trichlorofluoromethane	1.650	101	2825547	219.07 ng		97
9) 1,1-Dichloroethene	1.901	96	1778891	197.56 ng		90
12) Methylene chloride	1.982	84	1918163	205.11 ng	#	1
14) trans-1,2-Dichloroethene	2.383	96	1859964	243.56 ng	#	46
15) 1,1-Dichloroethane	2.554	63	4913172	262.61 ng	#	92
17) cis-1,2-Dichloroethene	3.014	96	2667088	297.18 ng	#	68
~~18) 2,2-Dichloropropane~~	~~3.246~~	~~77~~	~~1802338~~	~~812.38 ng~~		~~99~~ X
19) Bromochloromethane	3.143	128	1138665	320.19 ng		97
20) Chloroform	3.194	83	4605485	316.65 ng		93
21) 1,1,1-Trichloroethane	3.729	97	3715409	404.59 ng		90
22) 1,1-Dichloropropene	3.862	75	3615917	316.07 ng		97
23) Carbon tetrachloride	3.960	117	2149181	1227.77 ng		91 X
25) 1,2-Dichloroethane	3.671	62	4635392	370.61 ng	#	93 X
26) Benzene	3.993	78	10388039	310.05 ng		97
27) Trichloroethene	4.385	130	2591251	321.70 ng		99
28) 1,2-Dichloropropane	4.356	63	3444562	313.27 ng		95
29) Dibromomethane	4.330	174	1529430	389.35 ng		97 X
30) Bromodichloromethane	4.408	83	3477291	430.03 ng		94 X
32) cis-1,3-Dichloropropene	4.776	75	3220637	396.54 ng		97 X
35) Toluene	5.167	91	10911531	319.50 ng		99
36) trans-1,3-Dichloropropene	5.007	75	2610447	386.82 ng		92 X
37) 1,1,2-Trichloroethane	5.073	97	2300319	326.32 ng		93 X
38) 1,3-Dichloropropane	5.193	76	4150874	340.69 ng		92 X
39) Tetrachloroethene	5.511	166	2683804	317.68 ng		97
41) Dibromochloromethane	5.307	129	2255320	415.73 ng		99 X
42) 1,2-Dibromoethane	5.421	107	2390723	351.17 ng		95 X
44) Chlorobenzene	5.820	112	7184827	300.45 ng		96
45) 1,1,1,2-Tetrachloroethane	5.787	131	2078860	492.04 ng		97 X
46) Ethylbenzene	5.918	91	12395170	307.50 ng		98
47) m- &/or p-Xylene	6.007	91	19329568	622.77 ng		100
48) o-Xylene	6.179	91	9932998	307.54 ng		96
49) Styrene	6.149	104	7870240	312.96 ng		97
50) Bromoform	6.035	173	1593853	440.49 ng		89 X
51) Isopropylbenzene	6.341	105	12069240	310.18 ng		99
53) 1,1,2,2-Tetrachloroethane	6.175	83	2888340	328.21 ng		96 X
54) 1,2,3-Trichloropropane	6.238	75	2616936	302.46 ng		95
55) Bromobenzene	6.434	156	3003039	297.85 ng		89
56) n-Propylbenzene	6.531	91	13726319	305.03 ng		96
57) 2-Chlorotoluene	6.564	91	8687108	307.51 ng		100
58) 4-Chlorotoluene	6.600	91	9188744	306.12 ng		96

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102209.D
Acq On : 22 Oct 2008 12:34
Operator : CTANG
Sample : IC Check, 250 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 22 13:03:50 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 1,3,5-Trimethylbenzene	6.665	105	10183358	307.15 ng	96
60) tert-Butylbenzene	6.778	119	8422981	313.84 ng	99
61) 1,2,4-Trimethylbenzene	6.830	105	10518475	308.43 ng	97
62) sec-Butylbenzene	6.873	105	12679875	310.20 ng	98
63) p-Isopropyltoluene	6.958	119	10451834	310.04 ng	97
64) 1,3-Dichlorobenzene	6.895	146	5577648	298.12 ng	98
65) 1,4-Dichlorobenzene	6.925	146	5888400	301.27 ng	97
67) n-Butylbenzene	7.134	91	9657060	309.40 ng	97
68) 1,2-Dichlorobenzene	7.075	146	5598923	303.56 ng	96
69) 1,2-Dibromo-3-chloropr...	7.282	157	630063	341.05 ng	93 X
70) 1,2,4-Trichlorobenzene	7.946	180	3541688	289.53 ng	90
71) Hexachlorobutadiene	8.130	225	1597286	288.91 ng	98
72) Naphthalene	8.074	128	9474619	268.29 ng	99
73) 1,2,3-Trichlorobenzene	8.183	180	3254368	282.59 ng	92

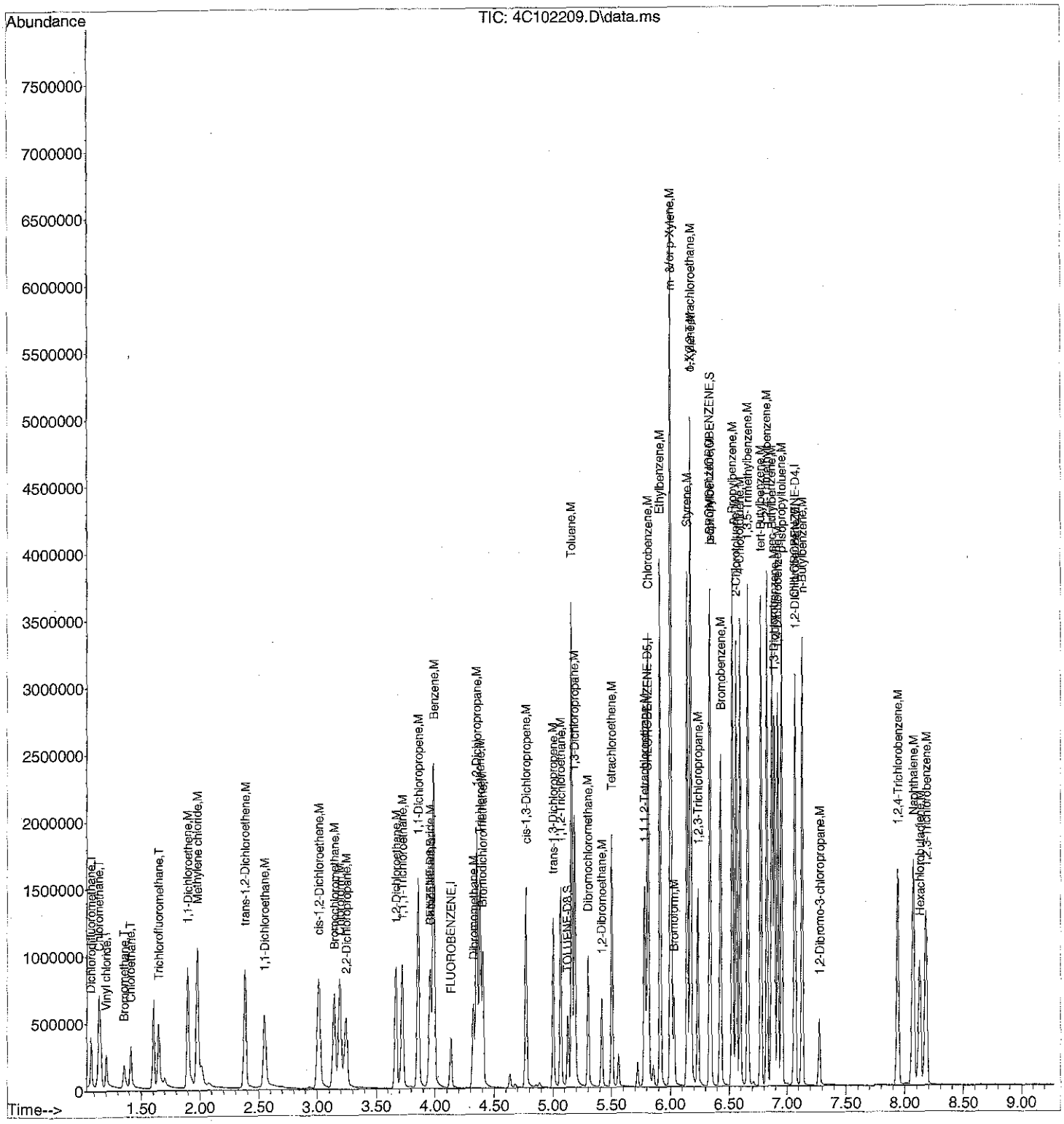
(#) = qualifier out of range (m) = manual integration (+) = signals summed

x these compounds have recoveries exceeding the control range of 175 ng to 325 ng.

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102209.D
Acq On : 22 Oct 2008 12:34
Operator : CTANG
Sample : IC Check, 250 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 22 13:03:50 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102210.D
Acq On : 22 Oct 2008 12:57
Operator : CTANG
Sample : B810031-BLK1
Misc : GCMS #4, 0810013, LIMS 8092903
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 22 13:08:51 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

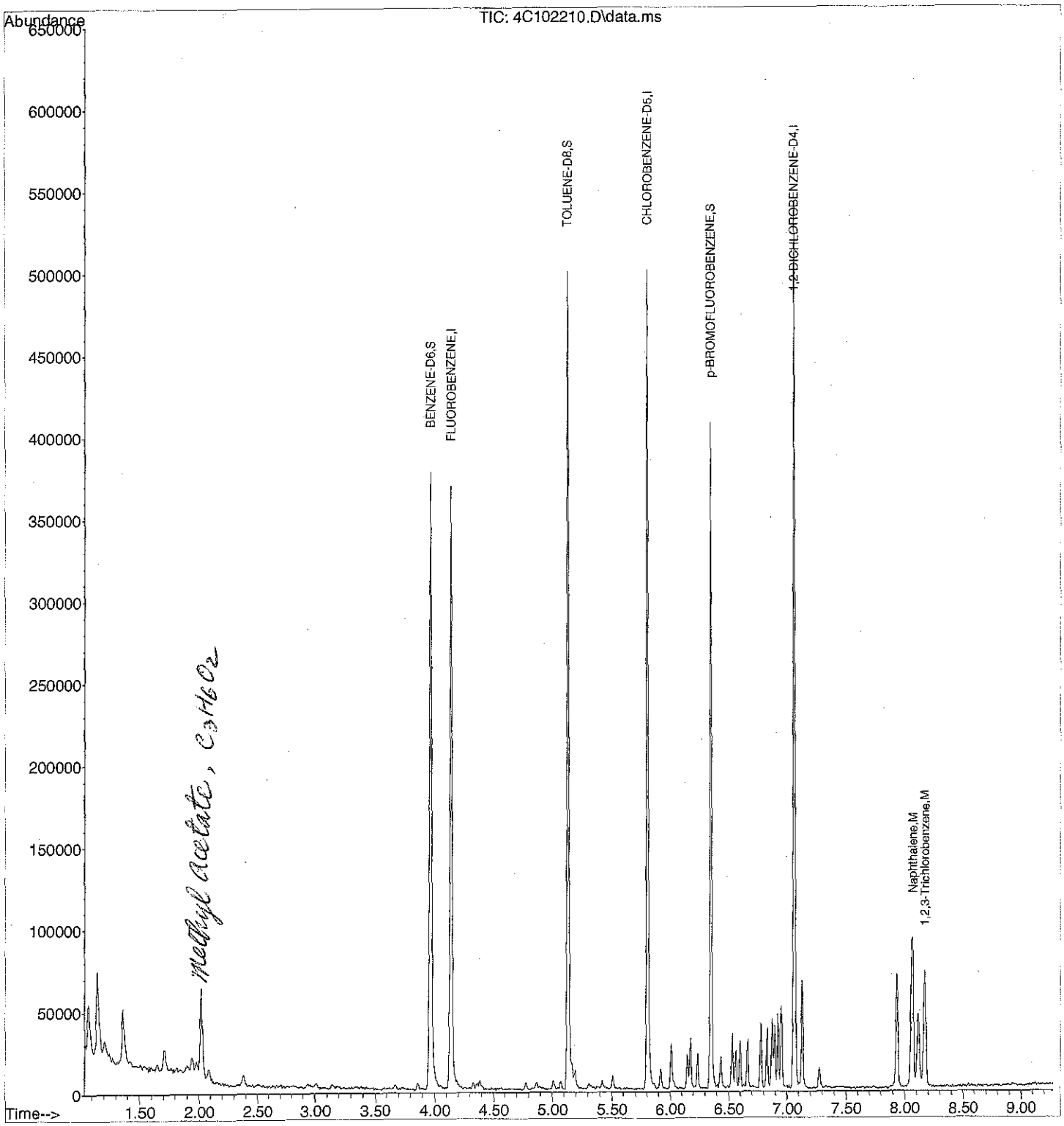
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.137	96	1654700	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	739241	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	638104	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1675064	47.25 ng	0.00
34) TOLUENE-D8	5.133	98	1498680	48.21 ng	0.00
52) p-BROMOFLUOROBENZENE	6.349	95	655171	54.12 ng	0.00
Target Compounds					Qvalue
72) Naphthalene	8.066	128	577741	18.37 ng	94
73) 1,2,3-Trichlorobenzene	8.173	180	181904	17.73 ng	94

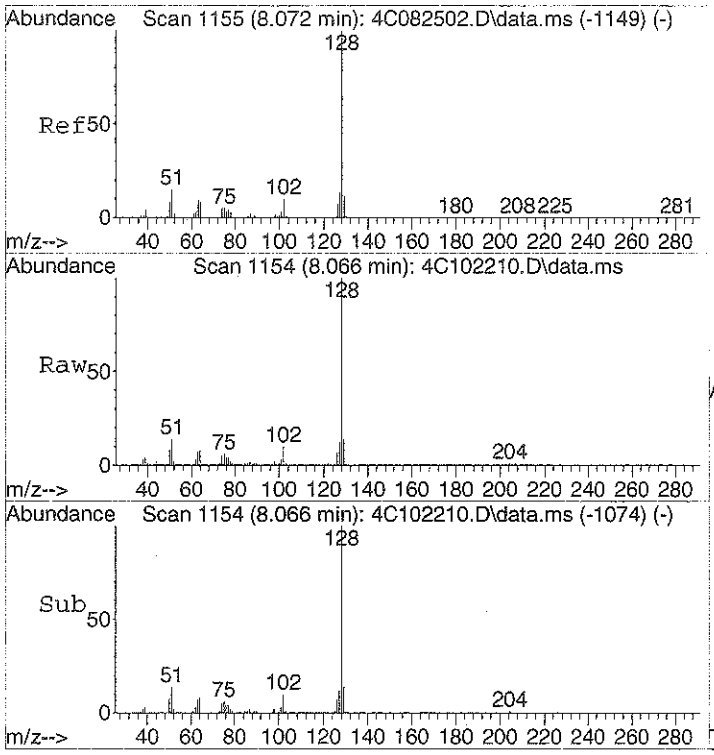
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102210.D
Acq On : 22 Oct 2008 12:57
Operator : CTANG
Sample : B810031-BLK1
Misc : GCMS #4, 0810013, LIMS 8092903
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 22 13:08:51 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

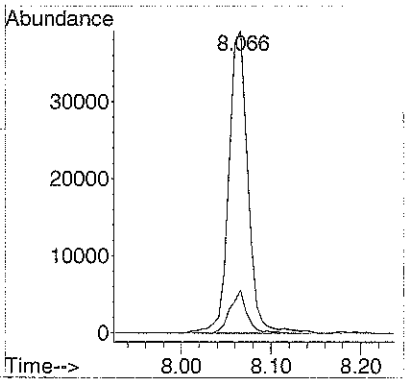


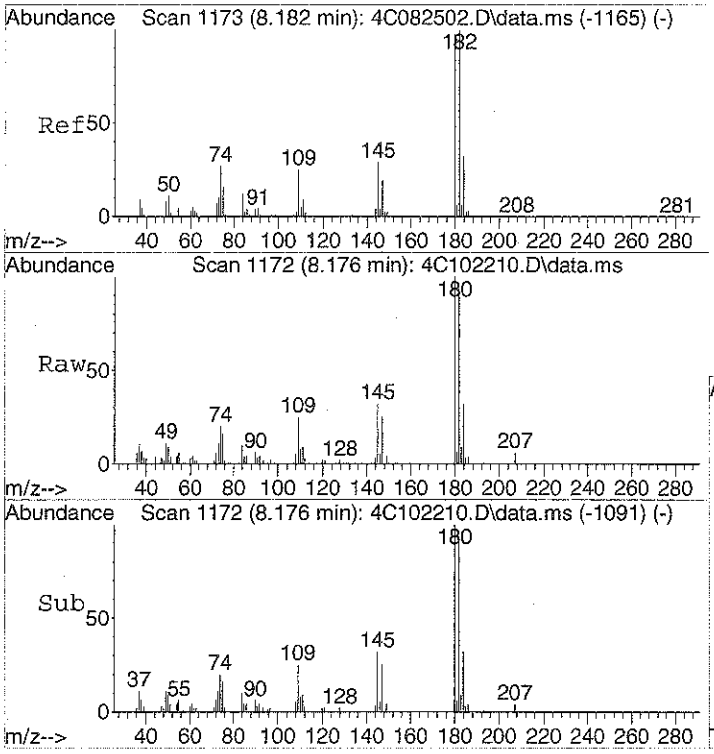


#72
Naphthalene
Concen: 18.37 ng
RT: 8.066 min Scan# 1154
Delta R.T. -0.009 min
Lab File: 4C102210.D
Acq: 22 Oct 2008 12:57

Tgt Ion:128 Resp: 577741

Ion	Ratio	Lower	Upper
128	100		
129	12.6	6.7	13.9

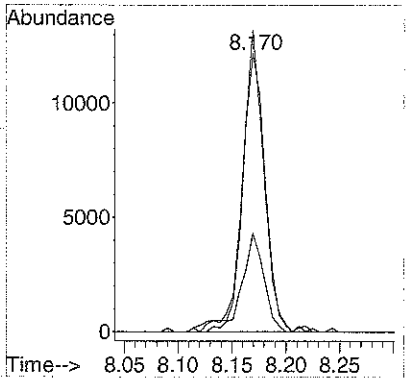




#73
1,2,3-Trichlorobenzene
Concen: 17.73 ng
RT: 8.173 min Scan# 1172
Delta R.T. -0.012 min
Lab File: 4C102210.D
Acq: 22 Oct 2008 12:57

Tgt Ion:180 Resp: 181904

Ion	Ratio	Lower	Upper
180	100		
182	99.9	59.9	124.5
184	30.7	19.6	40.6



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102211.D
Acq On : 22 Oct 2008 13:19
Operator : CTANG
Sample : 0810013-01
Misc : GCMS #4, TB-1 Trip Blank A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 22 13:39:25 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

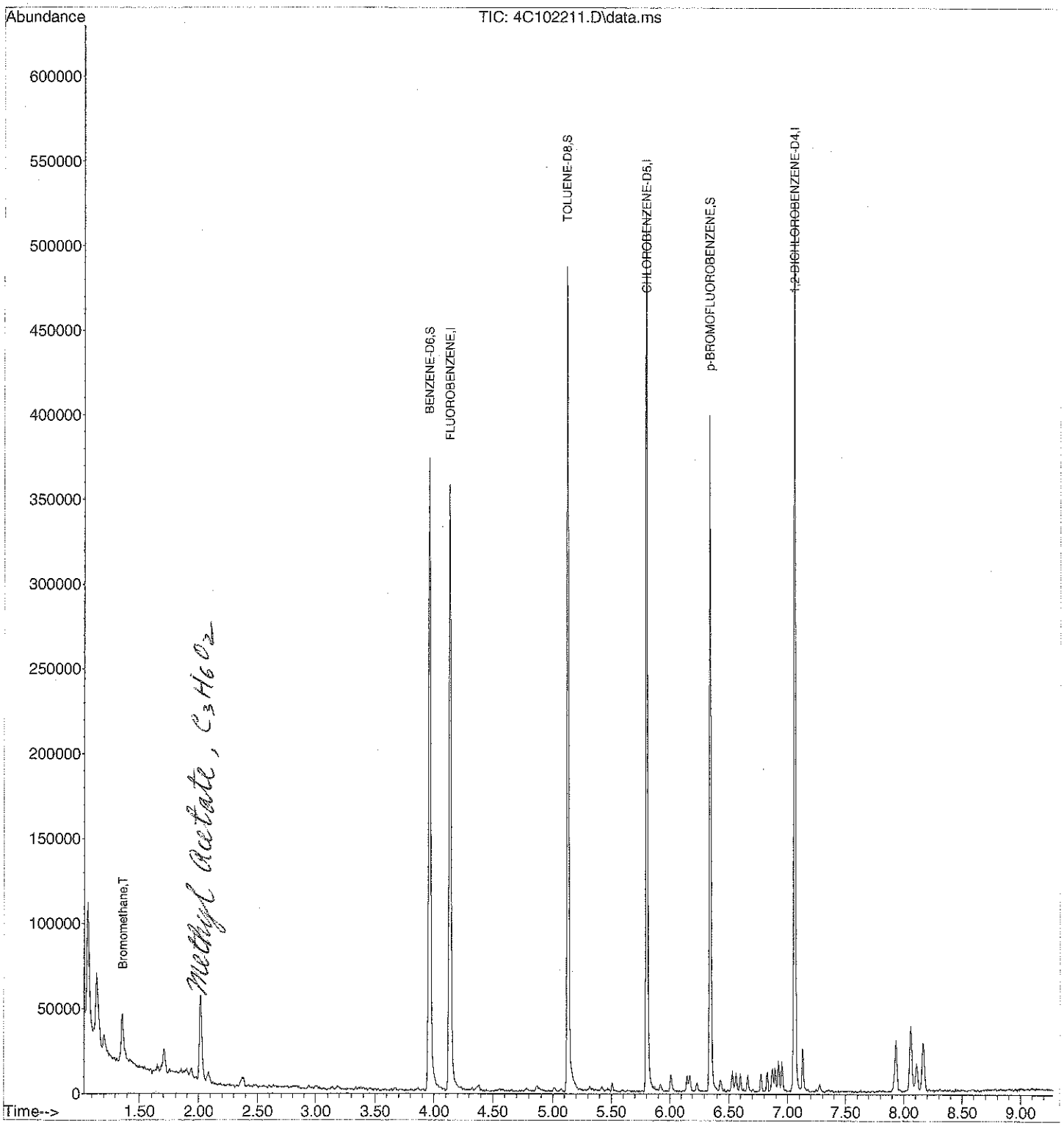
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1656004	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	730288	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	635952	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1680569	47.36 ng	0.00
34) TOLUENE-D8	5.133	98	1485512	47.75 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	640144	53.53 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	151397	53.67 ng	97

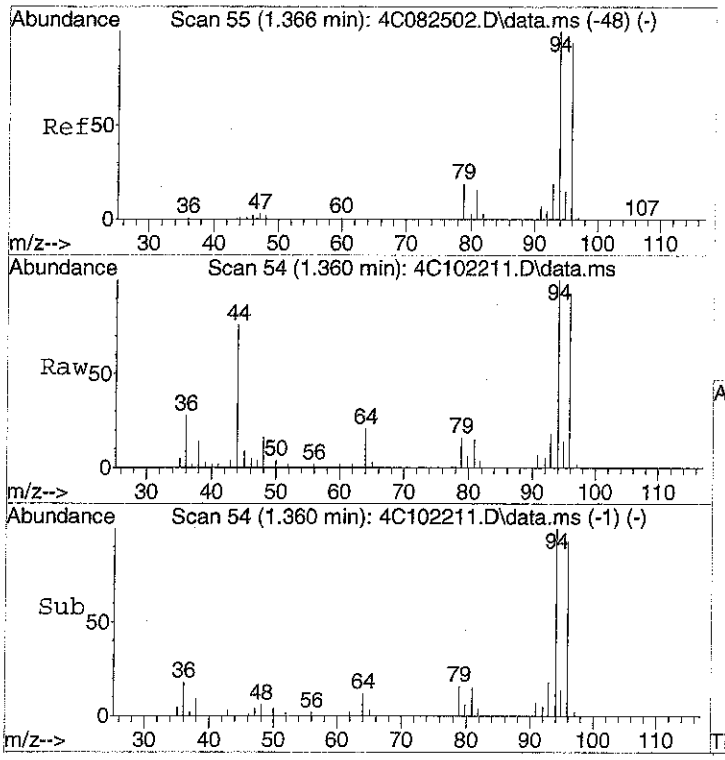
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102211.D
Acq On : 22 Oct 2008 13:19
Operator : CTANG
Sample : 0810013-01
Misc : GCMS #4, TB-1 Trip Blank A
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 22 13:39:25 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

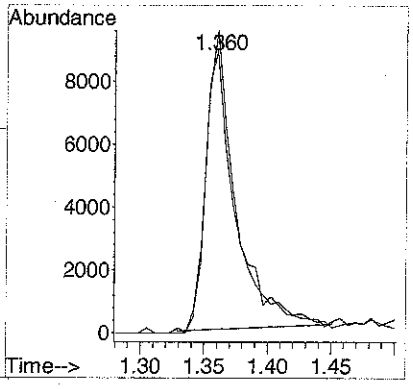




#5
Bromomethane
Concen: 53.67 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.001 min
Lab File: 4C102211.D
Acq: 22 Oct 2008 13:19

Tgt Ion: 94 Resp: 151397

Ion	Ratio	Lower	Upper
94	100		
96	98.1	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102212.D
Acq On : 22 Oct 2008 13:41
Operator : CTANG
Sample : 0810013-02
Misc : GCMS #4, S01-SB Nursery A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 22 13:53:11 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

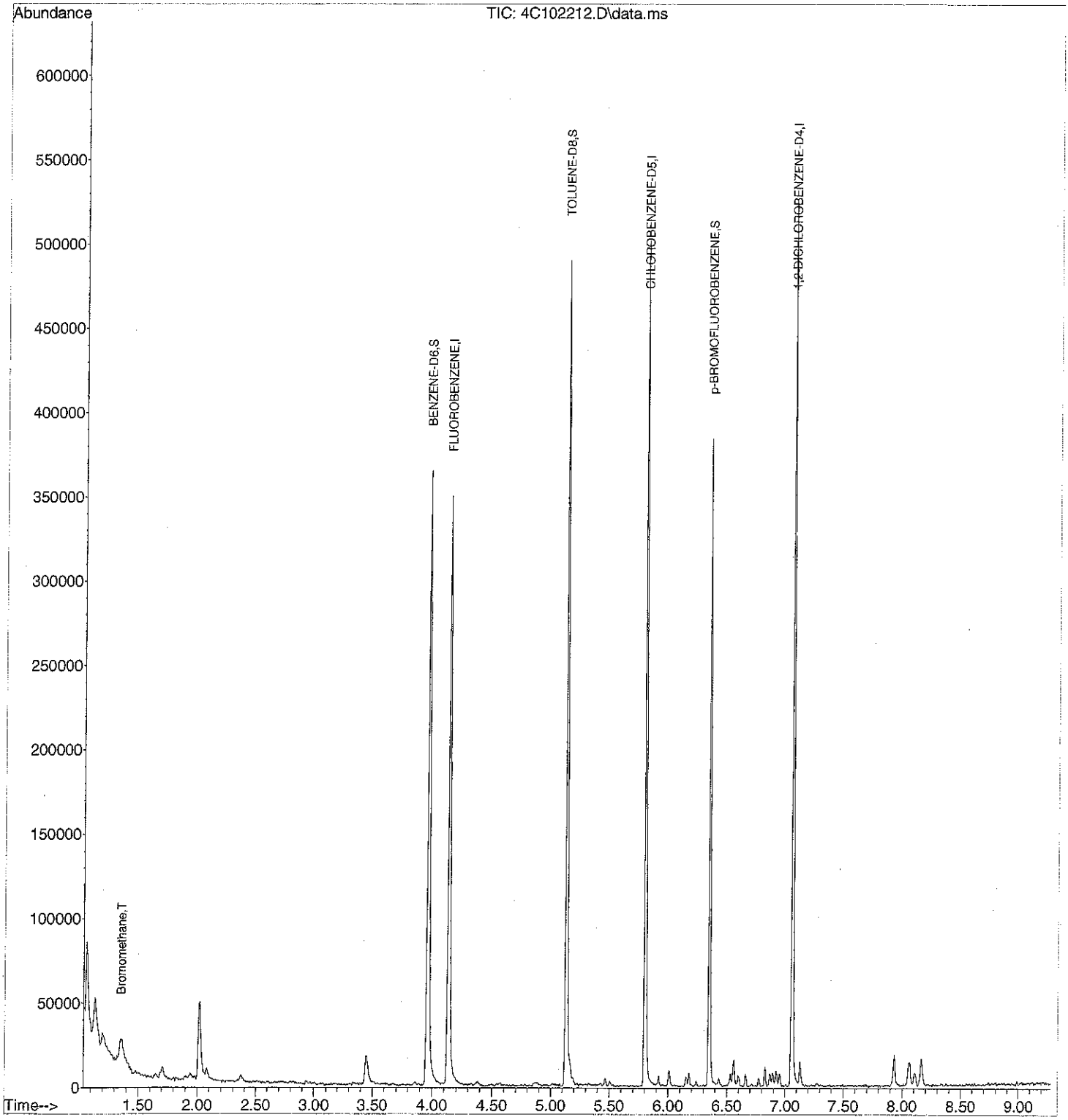
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.136	96	1641416	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	704296	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	615876	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.965	84	1708535	48.58 ng	0.00
34) TOLUENE-D8	5.133	98	1505904	48.84 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	640341	55.52 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.363	94	112409	40.20 ng	83

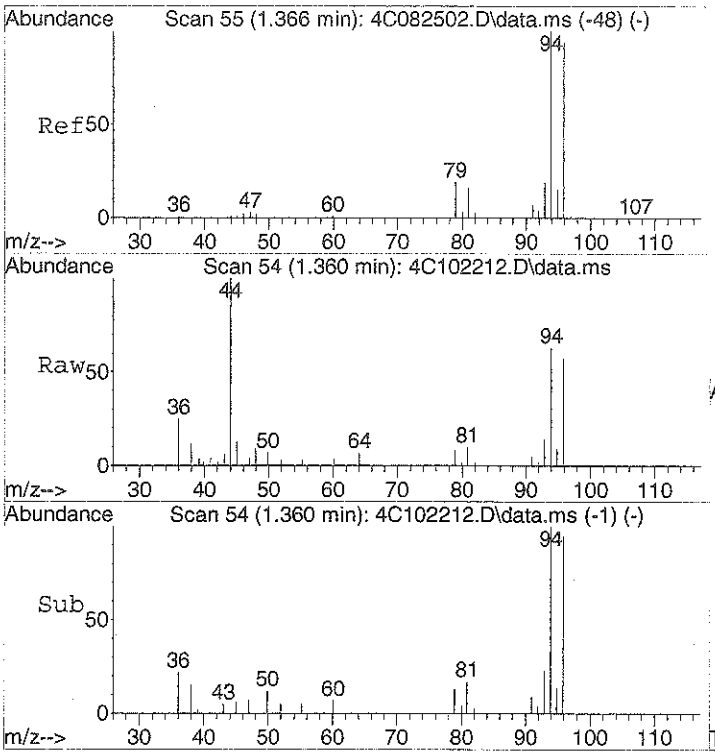
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102212.D
Acq On : 22 Oct 2008 13:41
Operator : CTANG
Sample : 0810013-02
Misc : GCMS #4, S01-SB Nursery A
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 22 13:53:11 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

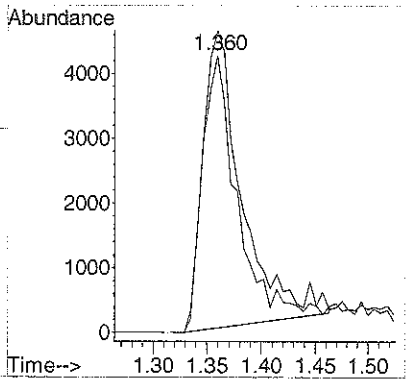




#5
Bromomethane
Concen: 40.20 ng
RT: 1.363 min Scan# 54
Delta R.T. 0.002 min
Lab File: 4C102212.D
Acq: 22 Oct 2008 13:41

Tgt Ion: 94 Resp: 112409

Ion	Ratio	Lower	Upper
94	100		
96	78.4	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102213.D
Acq On : 22 Oct 2008 14:04
Operator : CTANG
Sample : IC Check, 250 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 13 Sample Multiplier: 1

RC Limit 175NG to 325NG CMJ 10/22/08

Quant Time: Oct 22 17:14:55 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1690615	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	841030	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	694348	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.965	84	1862674	51.42 ng		0.00
34) TOLUENE-D8	5.132	98	1572177	49.50 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	731750	53.13 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.077	85	1346682	208.18 ng		98
3) Chloromethane	1.153	50	4343459	195.61 ng		92
4) Vinyl chloride	1.204	62	1630317	217.25 ng		92
5) Bromomethane	1.360	94	743515	258.18 ng		100
6) Chloroethane	1.412	64	1345721	255.31 ng		99
7) Trichlorofluoromethane	1.649	101	3322212	257.81 ng		88
9) 1,1-Dichloroethene	1.897	96	2477627	275.41 ng		92
12) Methylene chloride	1.979	84	2425106	259.55 ng	#	11
14) trans-1,2-Dichloroethene	2.379	96	2201410	288.54 ng	#	61
15) 1,1-Dichloroethane	2.551	63	5260946	281.45 ng	#	97
17) cis-1,2-Dichloroethene	3.010	96	2497100	278.49 ng	#	65
18) 2,2-Dichloropropane	3.239	77	487460	219.91 ng		96
19) Bromochloromethane	3.141	128	1023137	287.97 ng		98
20) Chloroform	3.191	83	4111757	282.95 ng		95
21) 1,1,1-Trichloroethane	3.726	97	2911098	317.29 ng		89
22) 1,1-Dichloropropene	3.860	75	3416676	298.92 ng		98
23) Carbon tetrachloride	3.958	117	902966	516.30 ng		89 X
25) 1,2-Dichloroethane	3.668	62	4001096	320.19 ng	#	94
26) Benzene	3.991	78	9906654	295.95 ng		97
27) Trichloroethene	4.383	130	2405040	298.85 ng		98
28) 1,2-Dichloropropane	4.354	63	3268126	297.49 ng		94
29) Dibromomethane	4.329	174	1350421	344.09 ng		98 X
30) Bromodichloromethane	4.406	83	2799925	346.58 ng		95 X
32) cis-1,3-Dichloropropene	4.775	75	2181317	268.82 ng		98
35) Toluene	5.166	91	10278184	301.23 ng		98
36) trans-1,3-Dichloropropene	5.006	75	1596006	236.71 ng		92
37) 1,1,2-Trichloroethane	5.072	97	2174714	308.78 ng		93
38) 1,3-Dichloropropane	5.192	76	3570705	293.33 ng		90
39) Tetrachloroethene	5.510	166	2489267	294.92 ng		95
41) Dibromochloromethane	5.306	129	1726749	318.58 ng		97
42) 1,2-Dibromoethane	5.421	107	2006445	294.99 ng		96
44) Chlorobenzene	5.819	112	6840528	311.97 ng		97
45) 1,1,1,2-Tetrachloroethane	5.786	131	1470953	379.70 ng		100 X
46) Ethylbenzene	5.917	91	11706173	316.72 ng		98
47) m- &/or p-Xylene	6.006	91	18260397	641.63 ng		99
48) o-Xylene	6.178	91	9365832	316.25 ng		97
49) Styrene	6.148	104	7135597	309.46 ng		97
50) Bromoform	6.034	173	1123738	338.71 ng		88 X
51) Isopropylbenzene	6.339	105	11383334	319.05 ng		99
53) 1,1,2,2-Tetrachloroethane	6.174	83	2669645	330.84 ng		97 X
54) 1,2,3-Trichloropropane	6.236	75	2409546	303.73 ng		95
55) Bromobenzene	6.433	156	2830203	306.15 ng		88
56) n-Propylbenzene	6.530	91	12823986	310.80 ng		96
57) 2-Chlorotoluene	6.562	91	8067978	311.47 ng		99
58) 4-Chlorotoluene	6.597	91	8508699	309.14 ng		96

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102213.D
Acq On : 22 Oct 2008 14:04
Operator : CTANG
Sample : IC Check, 250 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 22 17:14:55 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

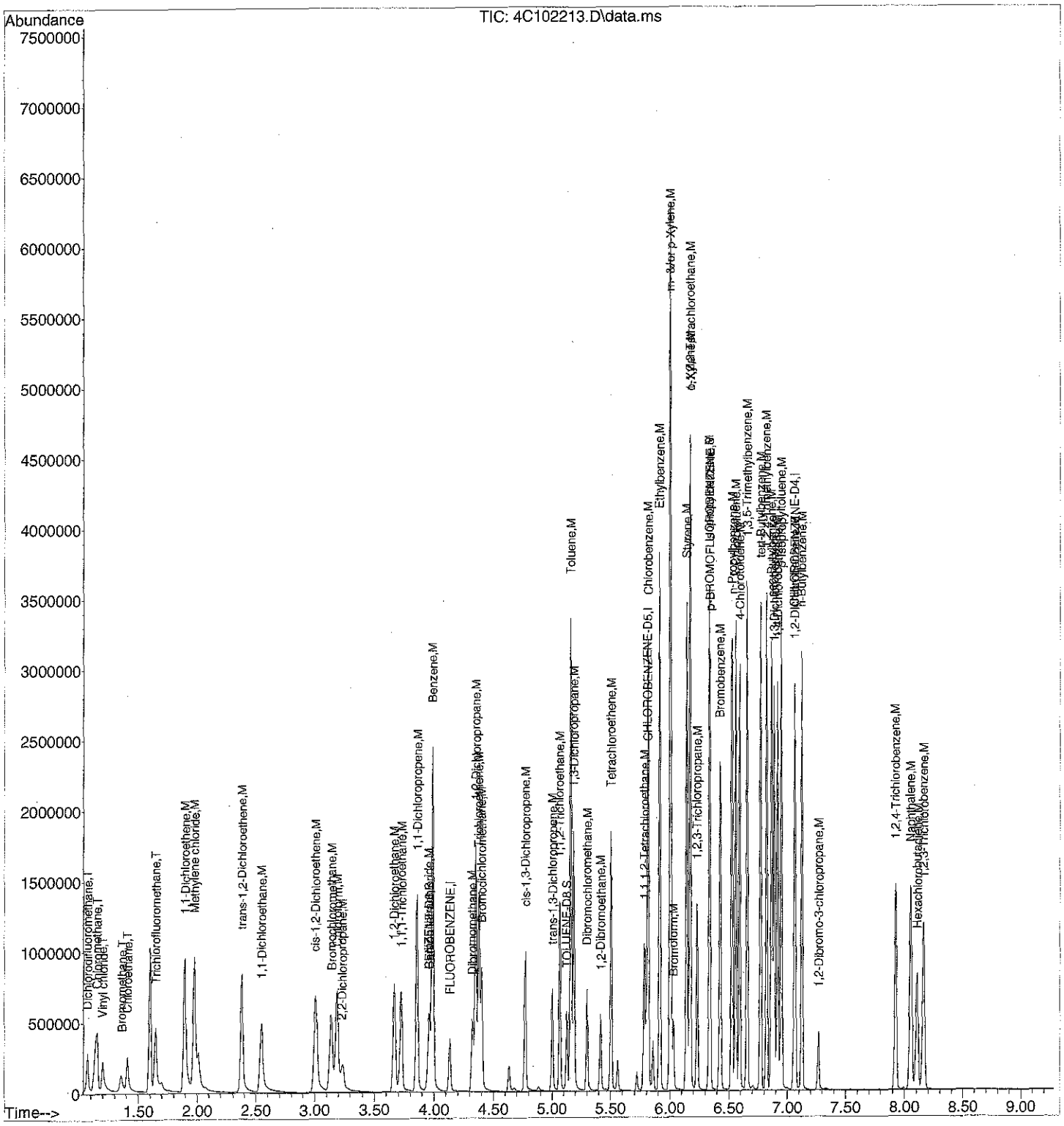
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
59) 1,3,5-Trimethylbenzene	6.662	105	9457568	311.10 ng	96
60) tert-Butylbenzene	6.775	119	7713670	313.45 ng	98
61) 1,2,4-Trimethylbenzene	6.827	105	9612882	307.42 ng	98
62) sec-Butylbenzene	6.870	105	11364938	303.22 ng	100
63) p-Isopropyltoluene	6.954	119	9315123	301.35 ng	98
64) 1,3-Dichlorobenzene	6.892	146	5182252	302.08 ng	99
65) 1,4-Dichlorobenzene	6.922	146	5345294	298.26 ng	97
67) n-Butylbenzene	7.129	91	8365939	276.54 ng	97
68) 1,2-Dichlorobenzene	7.071	146	5239424	293.08 ng	95
69) 1,2-Dibromo-3-chloropr...	7.277	157	511019	285.39 ng	92
70) 1,2,4-Trichlorobenzene	7.932	180	3012911	254.12 ng	89
71) Hexachlorobutadiene	8.110	225	1317136	245.80 ng	96
72) Naphthalene	8.058	128	7719561	225.53 ng	99
73) 1,2,3-Trichlorobenzene	8.166	180	2737279	245.23 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102213.D
Acq On : 22 Oct 2008 14:04
Operator : CTANG
Sample : IC Check, 250 NG
Misc : GCMS #4, 0810013, LIMS 8093006
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 22 17:14:55 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102214.D
Acq On : 22 Oct 2008 14:27
Operator : CTANG
Sample : 0810013-03
Misc : GCMS #4, D01-SB Nursery A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 22 17:16:05 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

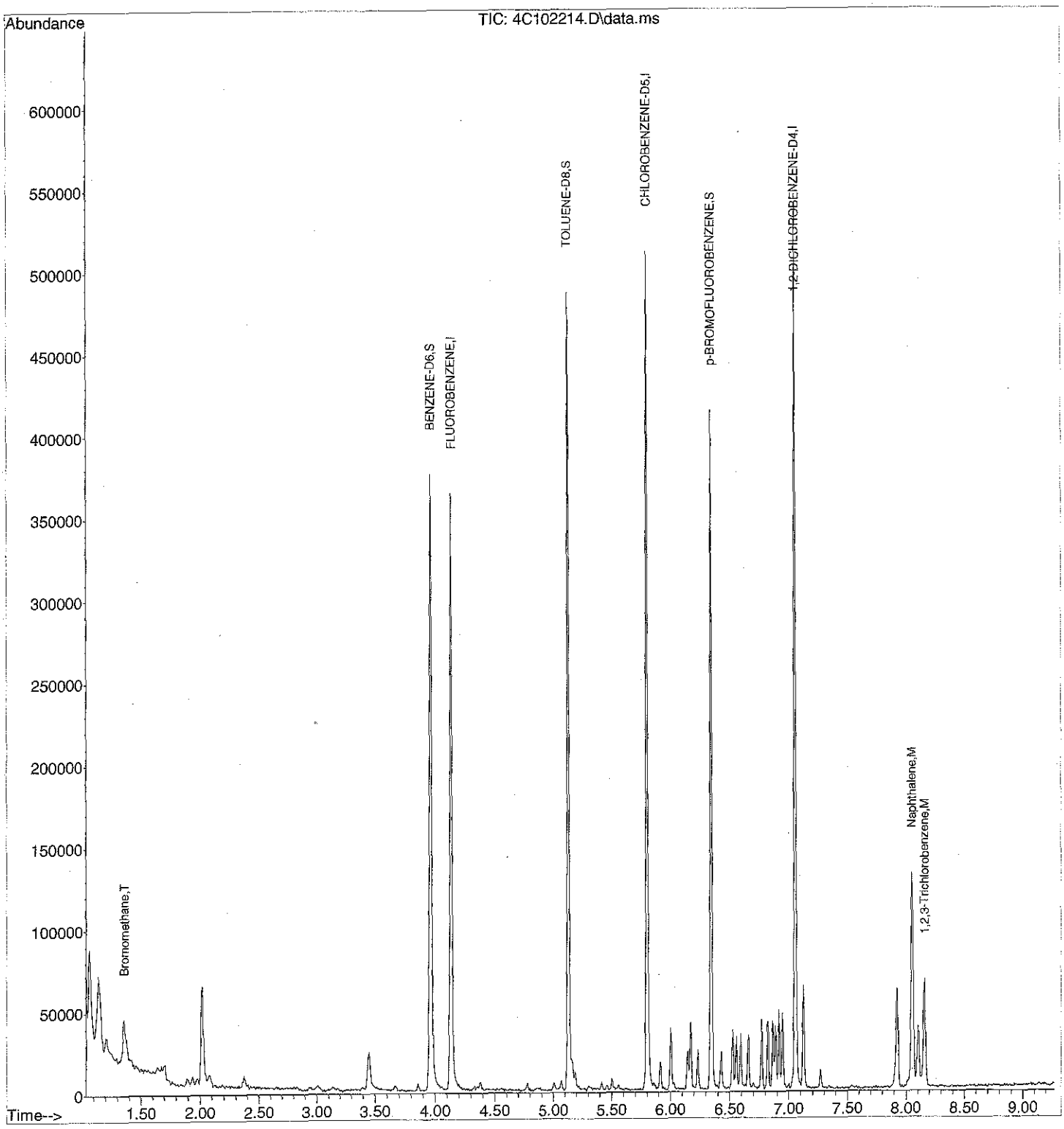
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.137	96	1662008	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	751534	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	642430	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1713607	48.12 ng	0.00
34) TOLUENE-D8	5.133	98	1486960	47.62 ng	0.00
52) p-BROMOFLUOROBENZENE	6.349	95	658413	53.50 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.361	94	171861	60.70 ng	85
72) Naphthalene	8.058	128	784211	24.76 ng	99
73) 1,2,3-Trichlorobenzene	8.165	180	161453	15.63 ng	83

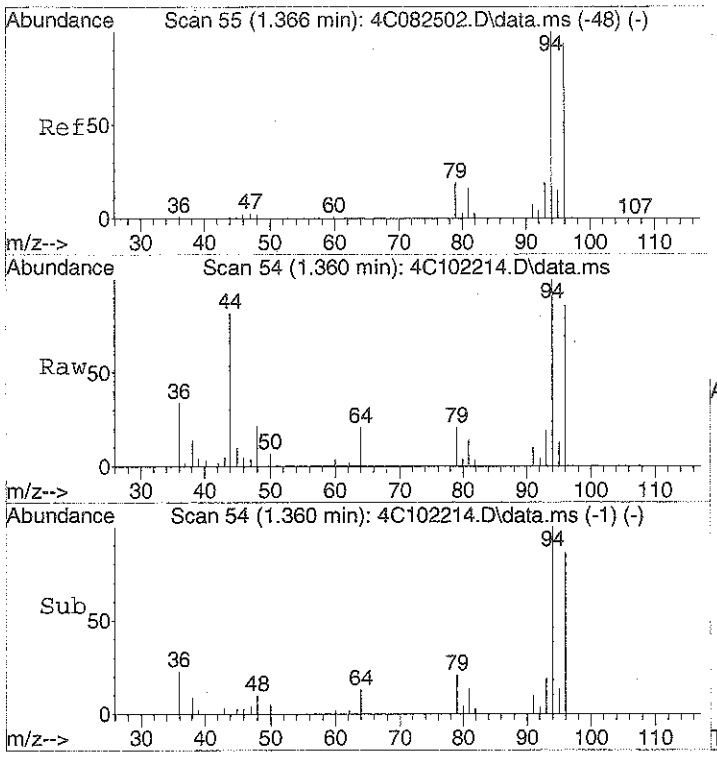
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102214.D
Acq On : 22 Oct 2008 14:27
Operator : CTANG
Sample : 0810013-03
Misc : GCMS #4, D01-SB Nursery A
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 22 17:16:05 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

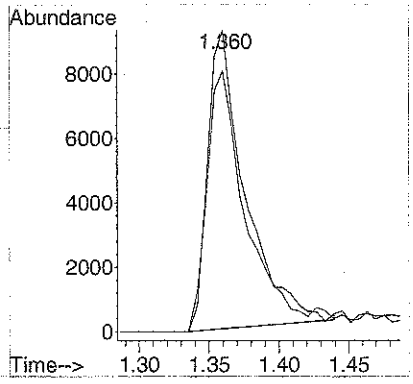


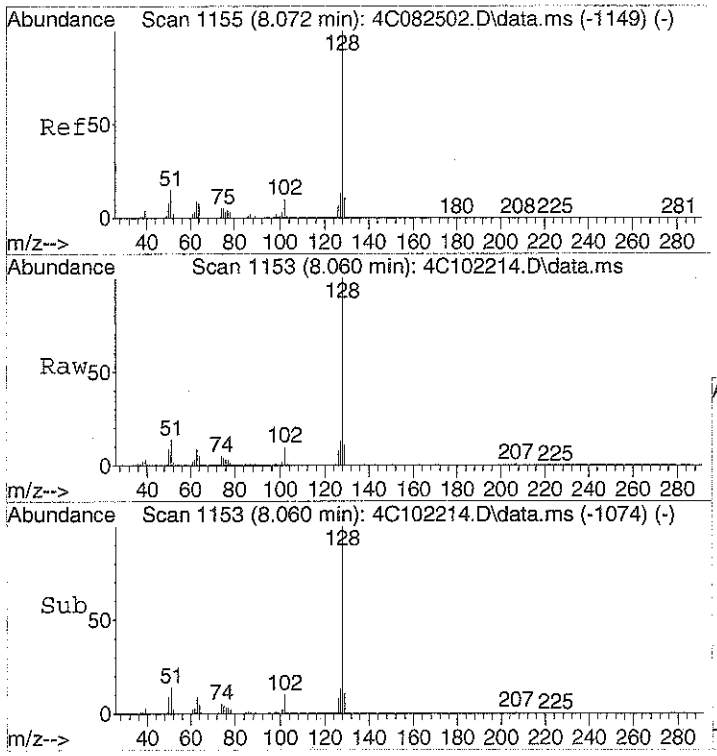


#5
Bromomethane
Concen: 60.70 ng
RT: 1.361 min Scan# 54
Delta R.T. 0.000 min
Lab File: 4C102214.D
Acq: 22 Oct 2008 14:27

Tgt Ion: 94 Resp: 171861

Ion	Ratio	Lower	Upper
94	100		
96	80.5	61.7	128.3

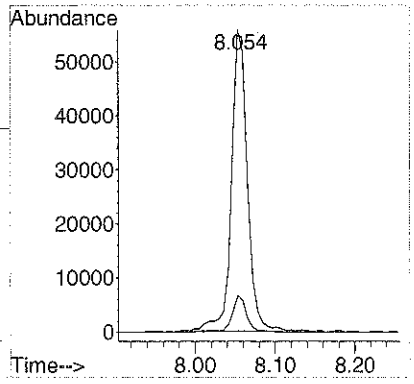


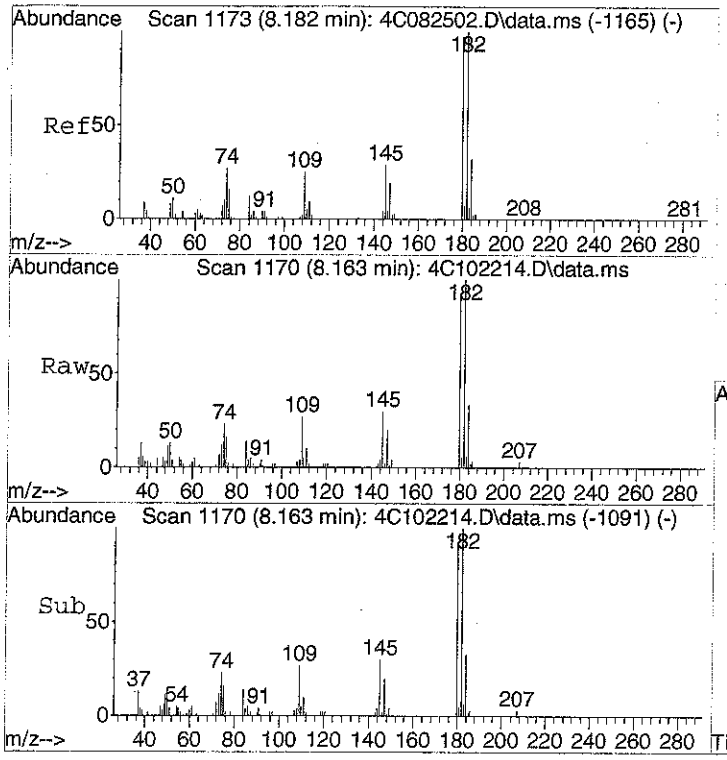


#72
Naphthalene
Concen: 24.76 ng
RT: 8.058 min Scan# 1153
Delta R.T. -0.017 min
Lab File: 4C102214.D
Acq: 22 Oct 2008 14:27

Tgt Ion:128 Resp: 784211

Ion	Ratio	Lower	Upper
128	100		
129	10.0	6.7	13.9

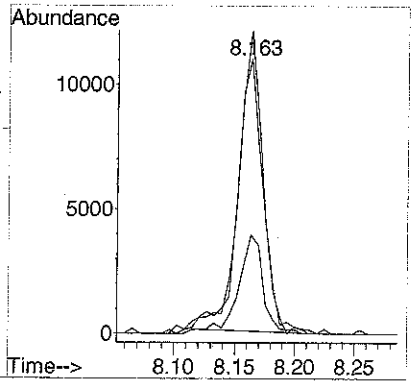




#73
1,2,3-Trichlorobenzene
Concen: 15.63 ng
RT: 8.165 min Scan# 1170
Delta R.T. -0.020 min
Lab File: 4C102214.D
Acq: 22 Oct 2008 14:27

Tgt Ion:180 Resp: 161453

Ion	Ratio	Lower	Upper
180	100		
182	109.8	59.9	124.5
184	35.9	19.6	40.6



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102215.D
Acq On : 22 Oct 2008 14:49
Operator : CTANG
Sample : 0810013-04
Misc : GCMS #4, S02-18017, A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 22 17:17:47 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

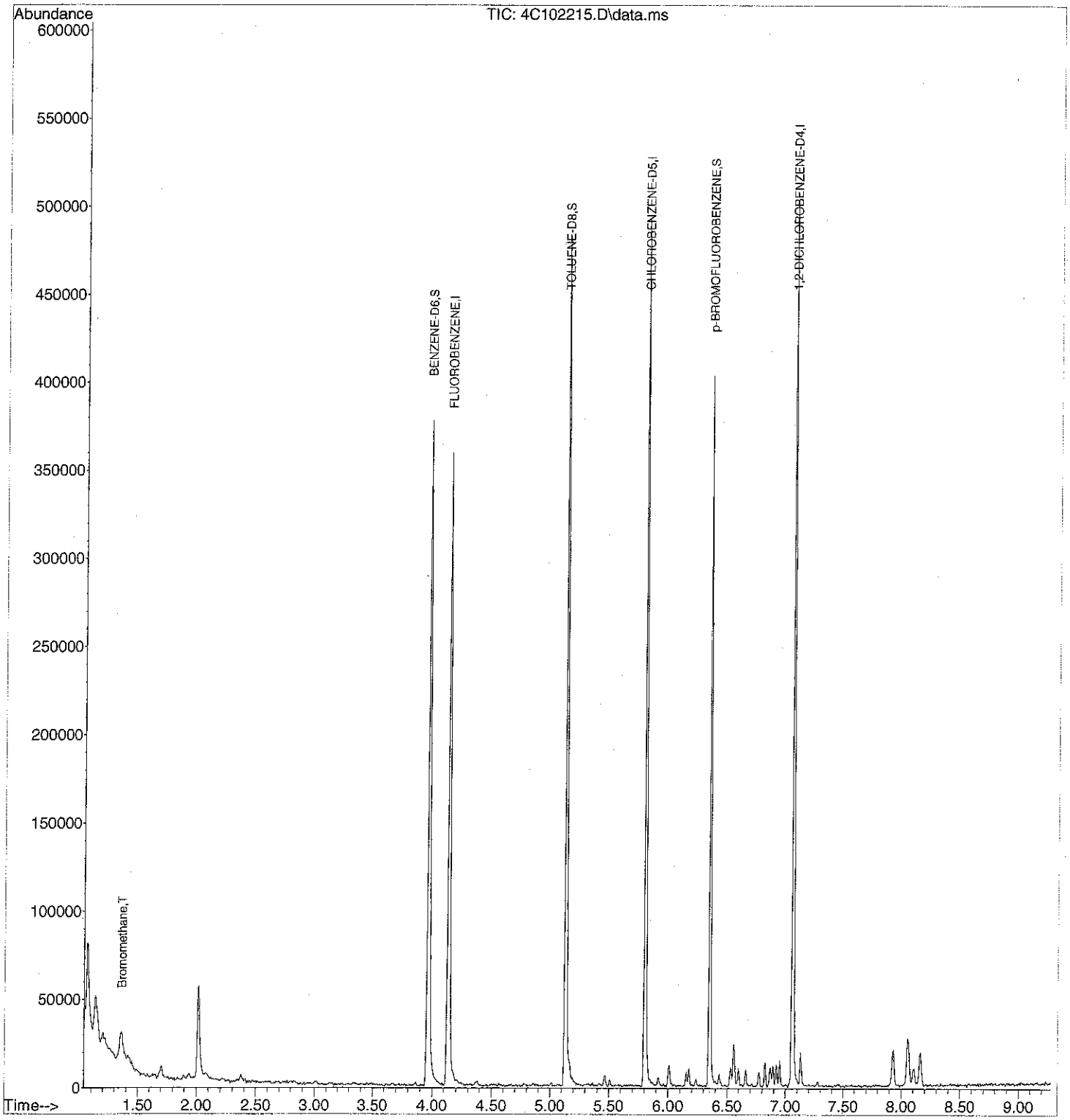
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.137	96	1627524	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	721222	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	623248	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.965	84	1730391	49.62 ng	0.00
34) TOLUENE-D8	5.133	98	1478789	48.37 ng	0.00
52) p-BROMOFLUOROBENZENE	6.349	95	649820	55.02 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.363	94	122009	44.01 ng	85

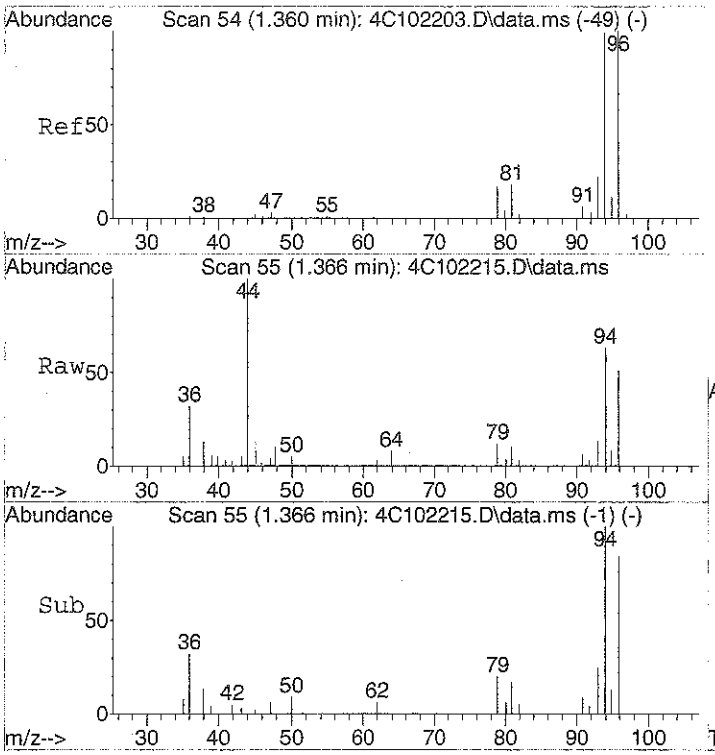
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102215.D
Acq On : 22 Oct 2008 14:49
Operator : CTANG
Sample : 0810013-04
Misc : GCMS #4, S02-18017, A
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 22 17:17:47 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

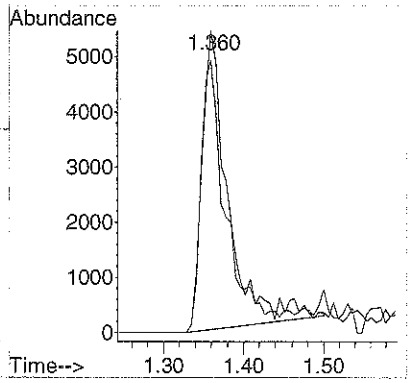




#5
Bromomethane
Concen: 44.01 ng
RT: 1.363 min Scan# 55
Delta R.T. 0.003 min
Lab File: 4C102215.D
Acq: 22 Oct 2008 14:49

Tgt Ion: 94 Resp: 122009

Ion	Ratio	Lower	Upper
94	100		
96	80.2	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102216.D
Acq On : 22 Oct 2008 15:11
Operator : CTANG
Sample : 0810013-05
Misc : GCMS #4, S03-18010, A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 17:18:39 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

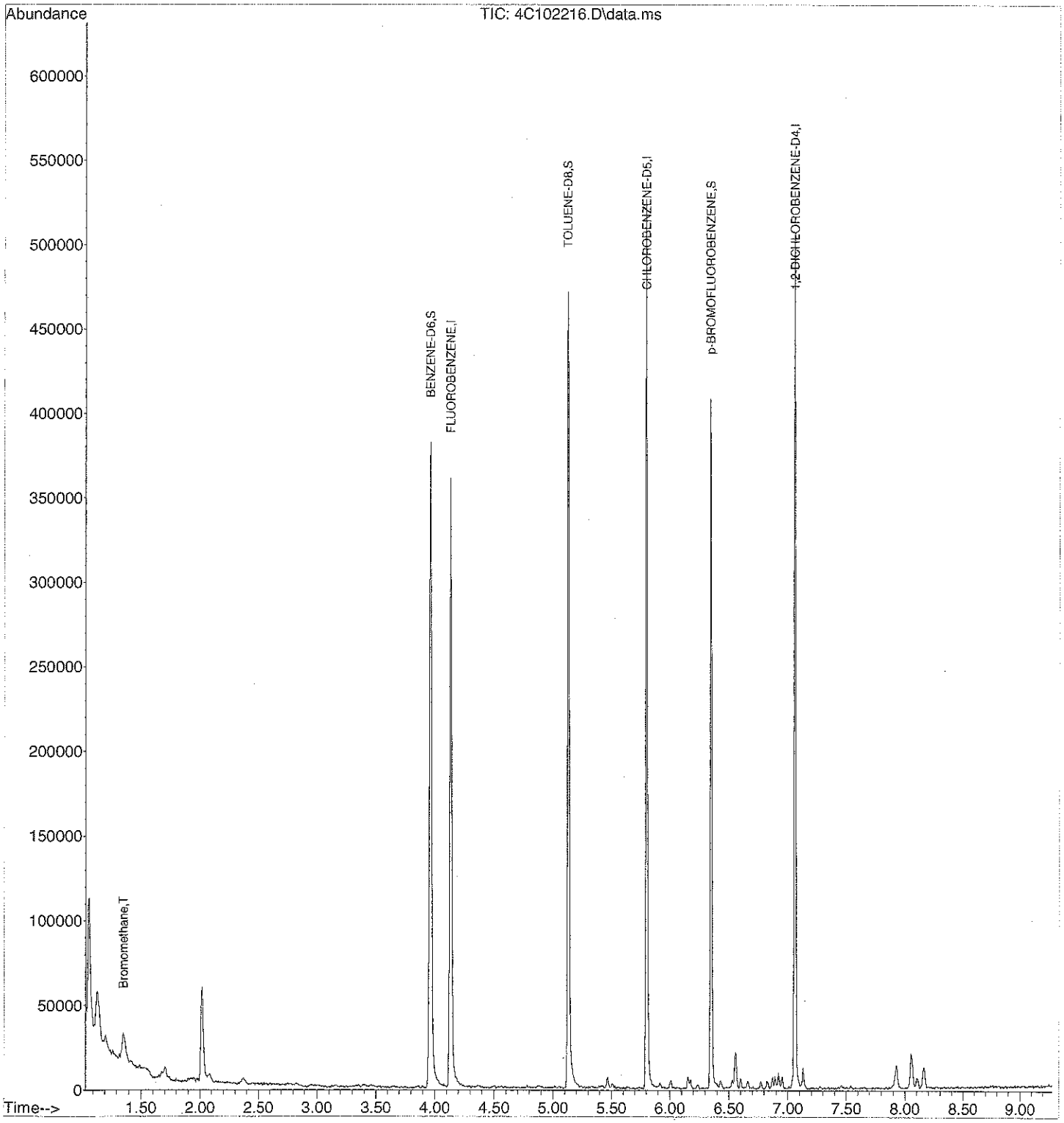
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1622057	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	742426	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	623418	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1725408	49.65 ng	0.00
34) TOLUENE-D8	5.133	98	1483244	48.68 ng	0.00
52) p-BROMOFLUOROBENZENE	6.349	95	640219	52.66 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.360	94	120495	43.61 ng	90

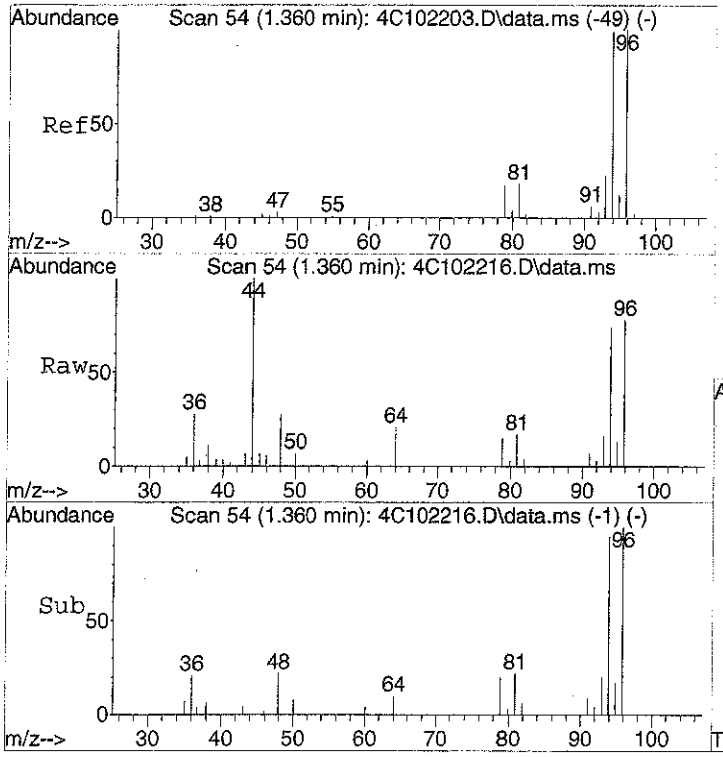
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102216.D
Acq On : 22 Oct 2008 15:11
Operator : CTANG
Sample : 0810013-05
Misc : GCMS #4, S03-18010, A
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 22 17:18:39 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

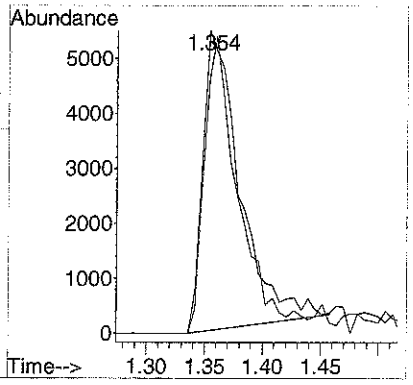




#5
Bromomethane
Concen: 43.61 ng
RT: 1.360 min Scan# 54
Delta R.T. 0.000 min
Lab File: 4C102216.D
Acq: 22 Oct 2008 15:11

Tgt Ion: 94 Resp: 120495

Ion	Ratio	Lower	Upper
94	100		
96	85.7	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102217.D
Acq On : 22 Oct 2008 15:34
Operator : CTANG
Sample : 0810013-06
Misc : GCMS #4, S04-18216, A, MS/MSD
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 17:19:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

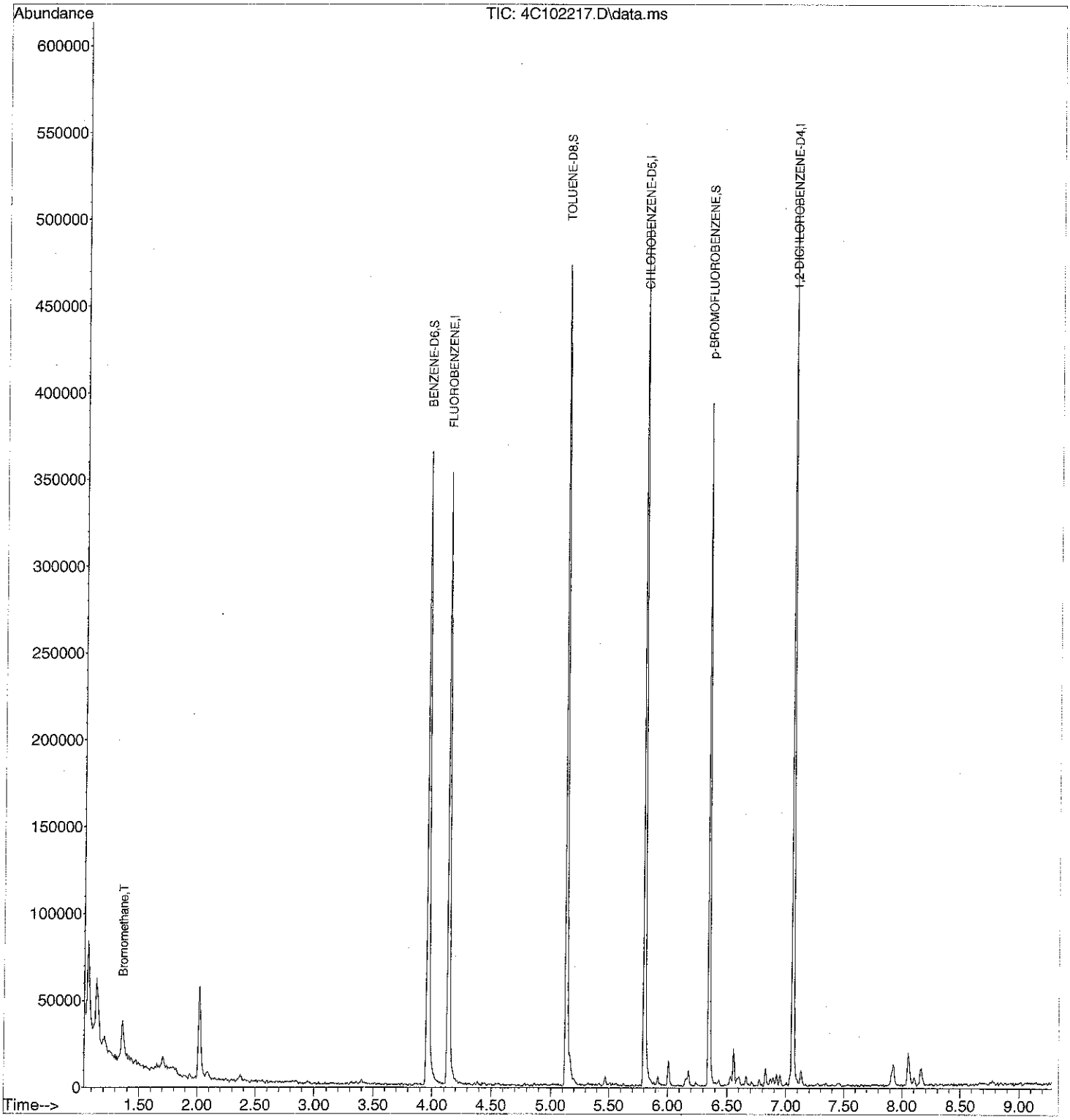
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1625813	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	733239	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	621536	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.967	84	1664123	47.77 ng	0.00
34) TOLUENE-D8	5.133	98	1475058	48.29 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	647533	53.93 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	120135	43.38 ng	98

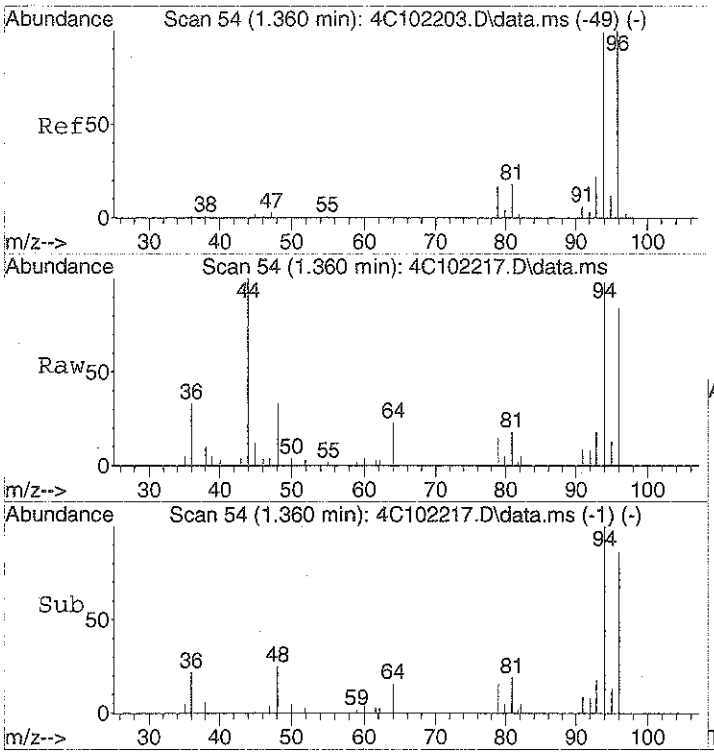
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102217.D
Acq On : 22 Oct 2008 15:34
Operator : CTANG
Sample : 0810013-06
Misc : GCMS #4, S04-18216, A, MS/MSD
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 22 17:19:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

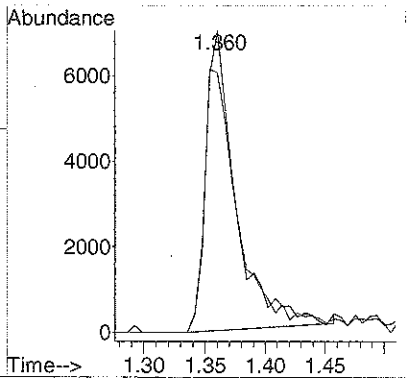




#5
Bromomethane
Concen: 43.38 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.001 min
Lab File: 4C102217.D
Acq: 22 Oct 2008 15:34

Tgt Ion: 94 Resp: 120135

Ion	Ratio	Lower	Upper
94	100		
96	97.1	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102219.D
Acq On : 22 Oct 2008 16:18
Operator : CTANG
Sample : 0810013-08
Misc : GCMS #4, S06-18408, A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 22 17:45:25 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

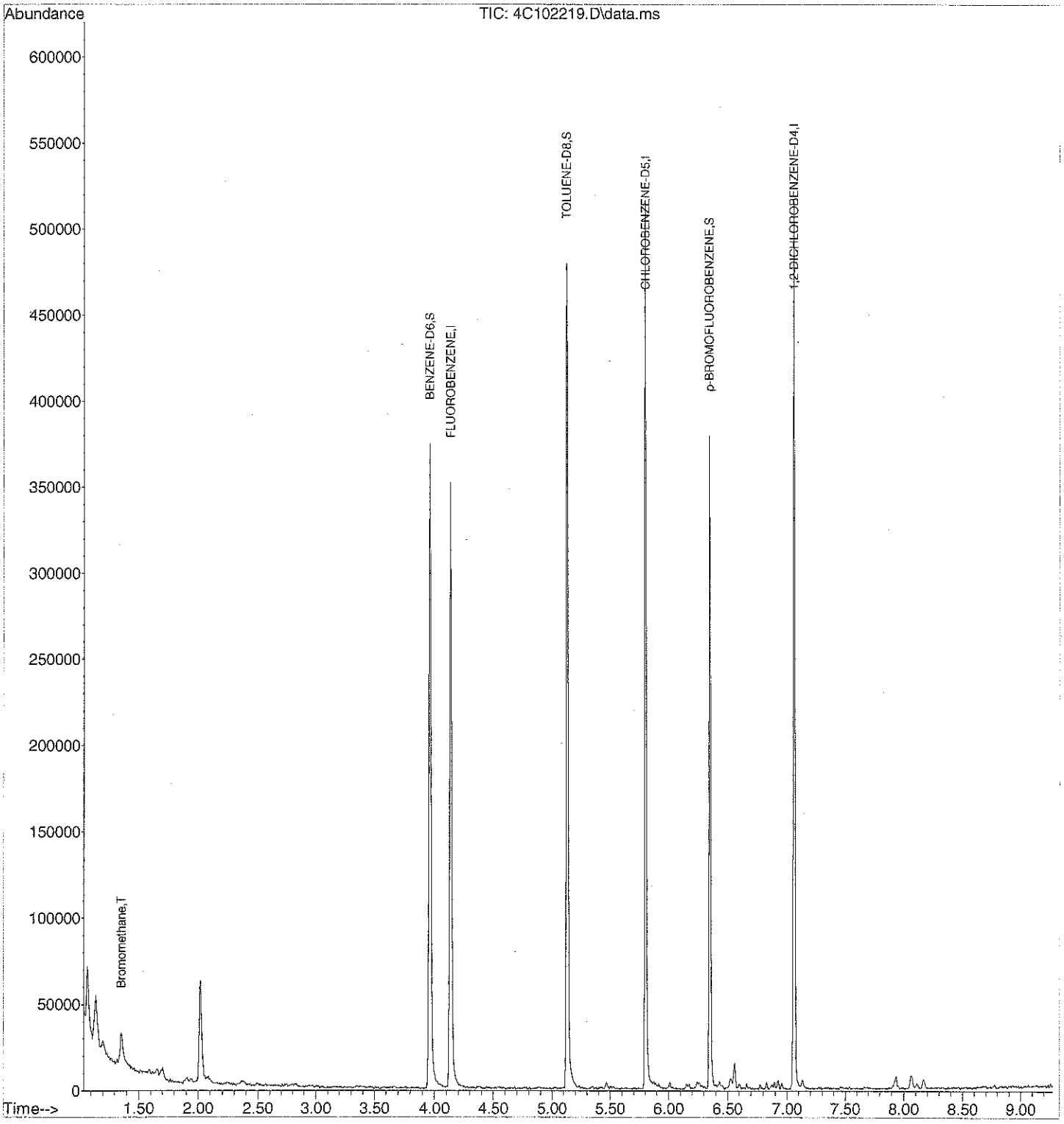
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1610021	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	715879	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	618758	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1738159	50.39 ng	0.00
34) TOLUENE-D8	5.133	98	1520400	50.27 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	646217	55.12 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	95709	34.90 ng	97

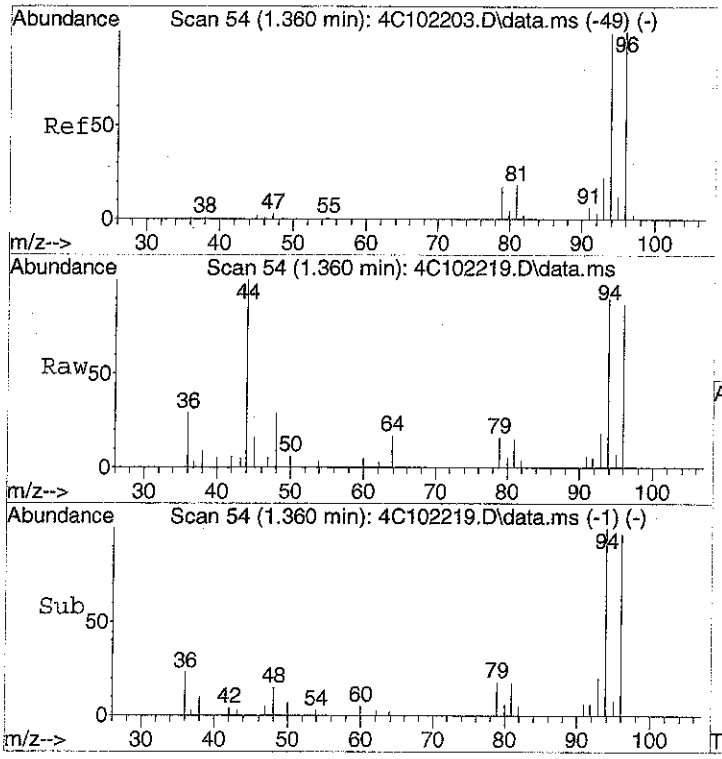
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102219.D
Acq On : 22 Oct 2008 16:18
Operator : CTANG
Sample : 0810013-08
Misc : GCMS #4, S06-18408, A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 22 17:45:25 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

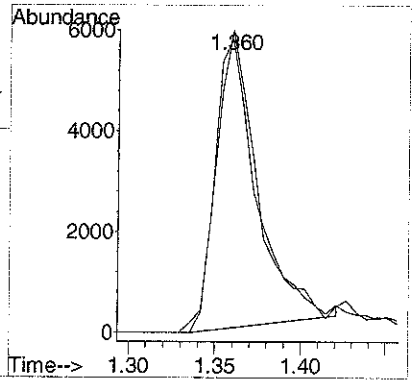




#5
Bromomethane
Concen: 34.90 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.002 min
Lab File: 4C102219.D
Acq: 22 Oct 2008 16:18

Tgt Ion: 94 Resp: 95709

Ion	Ratio	Lower	Upper
94	100		
96	98.4	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102220.D
Acq On : 22 Oct 2008 16:40
Operator : CTANG
Sample : 0810013-09
Misc : GCMS #4, S07-18516, A
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 17:21:46 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

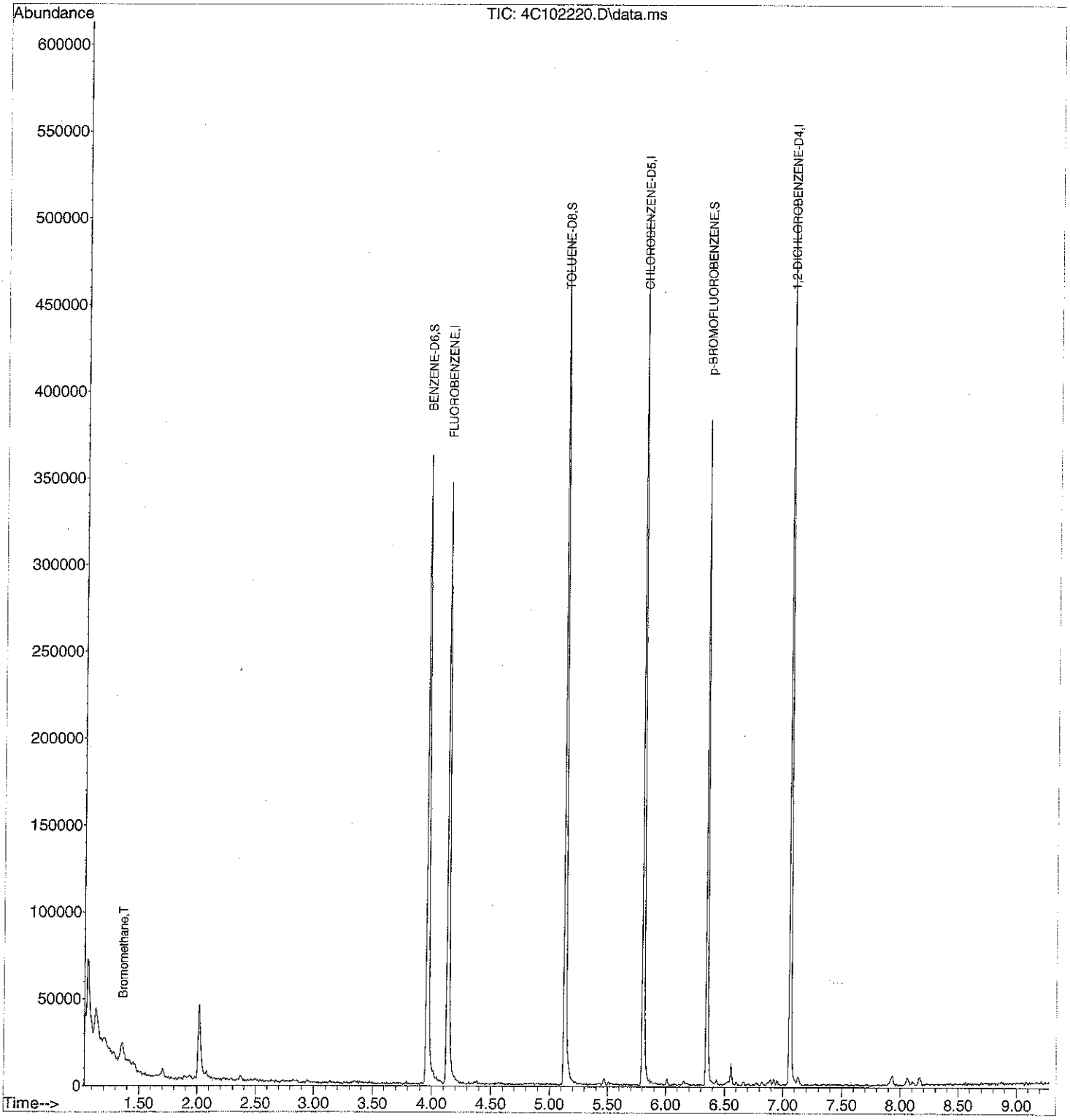
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.137	96	1636129	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	682645	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	620761	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.965	84	1670281	47.65 ng	0.00
34) TOLUENE-D8	5.133	98	1450013	47.18 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	623197	55.75 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	70435	25.27 ng	82

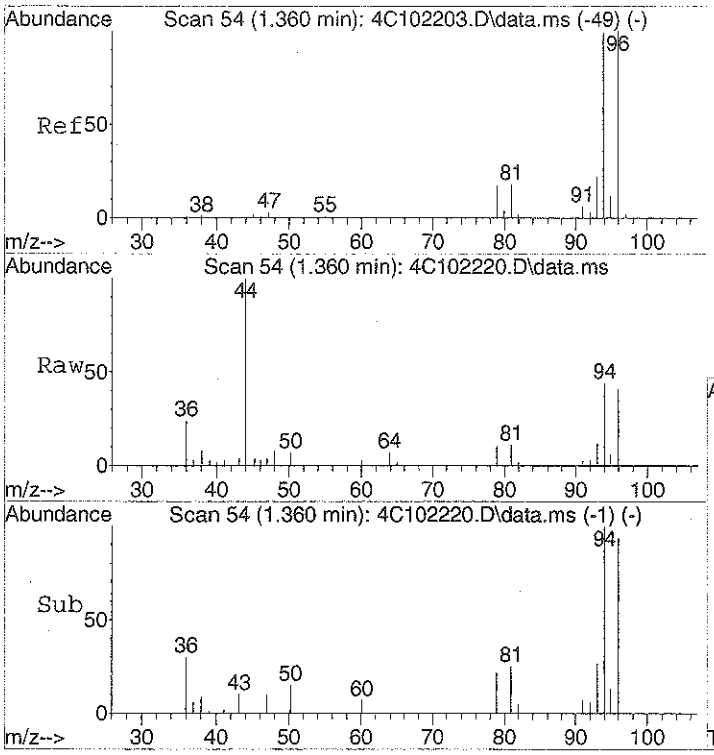
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102220.D
Acq On : 22 Oct 2008 16:40
Operator : CTANG
Sample : 0810013-09
Misc : GCMS #4, S07-18516, A
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 22 17:21:46 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

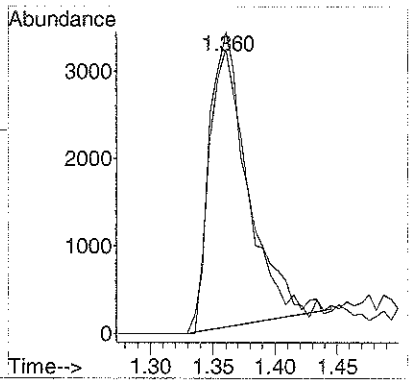




#5
Bromomethane
Concen: 25.27 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.002 min
Lab File: 4C102220.D
Acq: 22 Oct 2008 16:40

Tgt Ion: 94 Resp: 70435

Ion	Ratio	Lower	Upper
94	100		
96	112.8	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102221.D
Acq On : 22 Oct 2008 17:02
Operator : CTANG
Sample : 0810013-10
Misc : GCMS #4, S08-18603, A
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 22 17:22:26 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

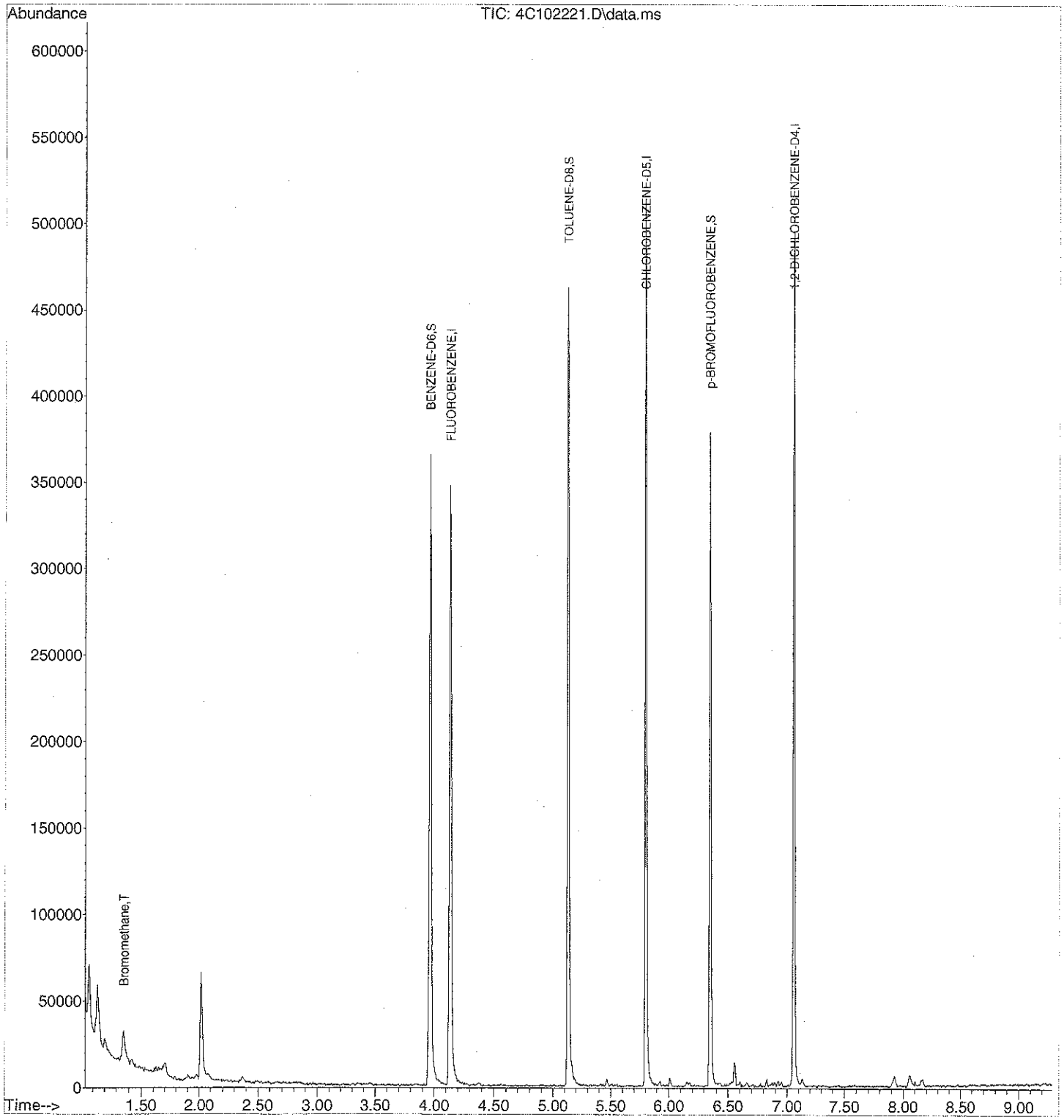
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1640887	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	723419	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	615444	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.967	84	1677937	47.73 ng	0.00
34) TOLUENE-D8	5.134	98	1480069	48.01 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	625080	52.76 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.360	94	99514	35.60 ng	93

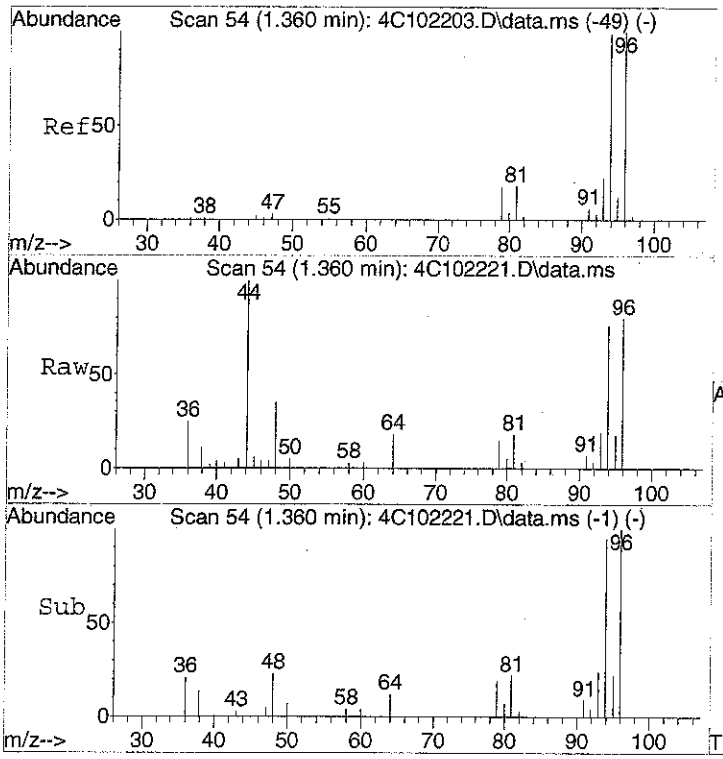
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102221.D
Acq On : 22 Oct 2008 17:02
Operator : CTANG
Sample : 0810013-10
Misc : GCMS #4, S08-18603, A
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 22 17:22:26 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

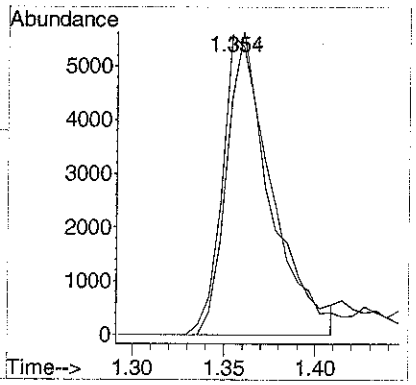




#5
Bromomethane
Concen: 35.60 ng
RT: 1.360 min Scan# 54
Delta R.T. -0.000 min
Lab File: 4C102221.D
Acq: 22 Oct 2008 17:02

Tgt Ion: 94 Resp: 99514

Ion	Ratio	Lower	Upper
94	100		
96	88.4	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102222.D
Acq On : 22 Oct 2008 17:25
Operator : CTANG
Sample : 0810013-11
Misc : GCMS #4, S09-18610, A
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 22 17:37:58 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

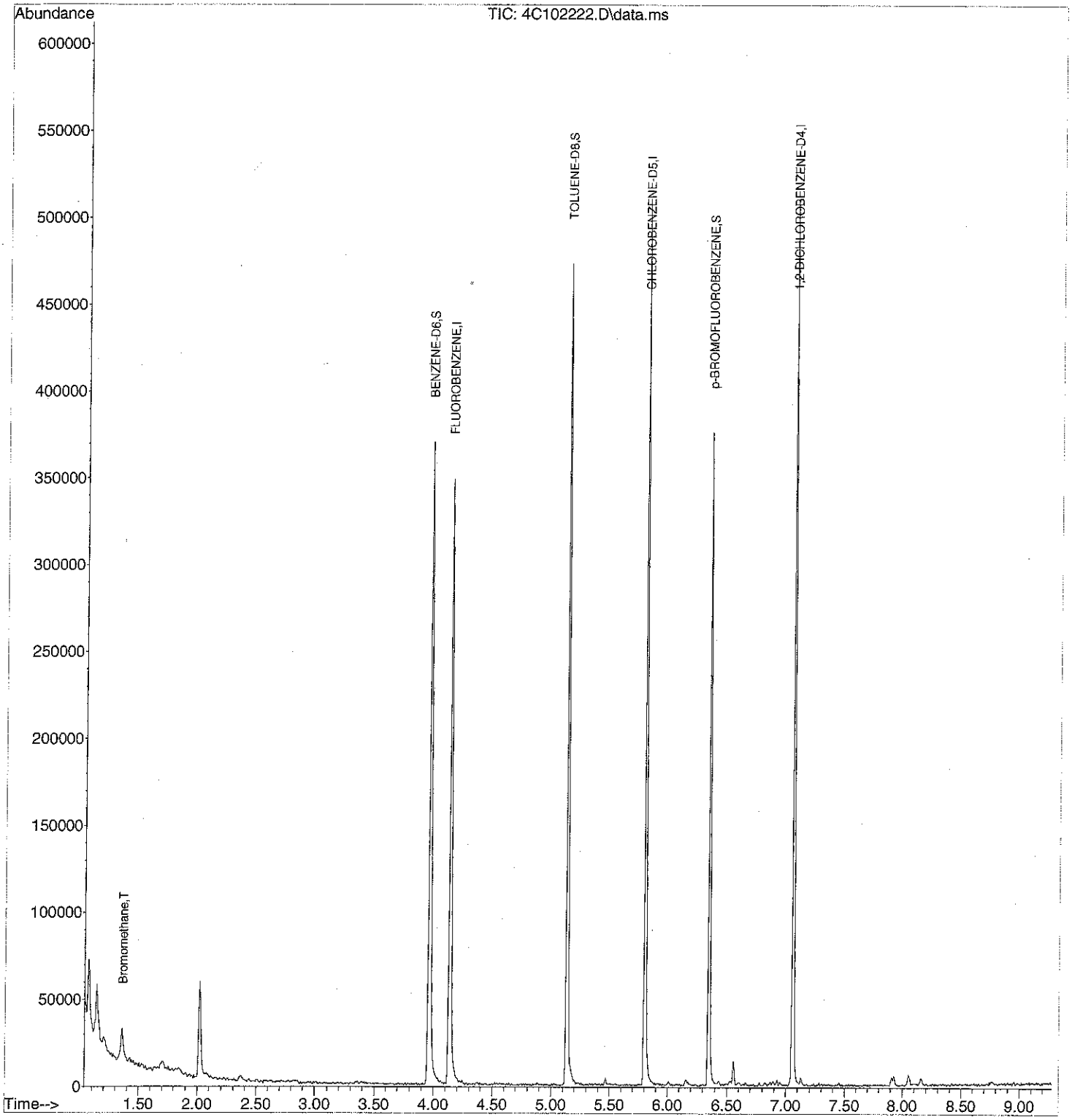
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1602334	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	705623	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	606645	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.967	84	1706201	49.70 ng	0.00
34) TOLUENE-D8	5.134	98	1472235	48.91 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	610434	52.83 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	95483	34.98 ng	89

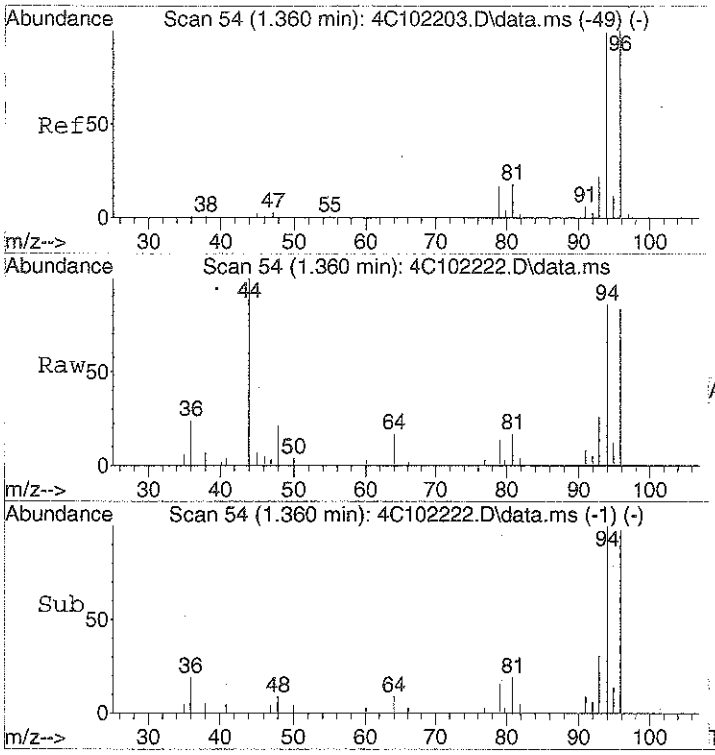
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102222.D
Acq On : 22 Oct 2008 17:25
Operator : CTANG
Sample : 0810013-11
Misc : GCMS #4, S09-18610, A
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 22 17:37:58 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

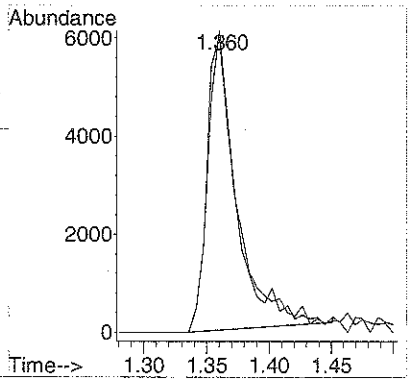




#5
Bromomethane
Concen: 34.98 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.002 min
Lab File: 4C102222.D
Acq: 22 Oct 2008 17:25

Tgt Ion: 94 Resp: 95483

Ion	Ratio	Lower	Upper
94	100		
96	106.0	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102223.D
Acq On : 22 Oct 2008 17:51
Operator : CTANG
Sample : 0810013-12
Misc : GCMS #4, S10-17214, A
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 23 09:46:02 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.136	96	1594081	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	692399	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.063	152	610163	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.964	84	1680215	49.19 ng	0.00
34) TOLUENE-D8	5.133	98	1443483	48.20 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	615465	54.28 ng	0.00

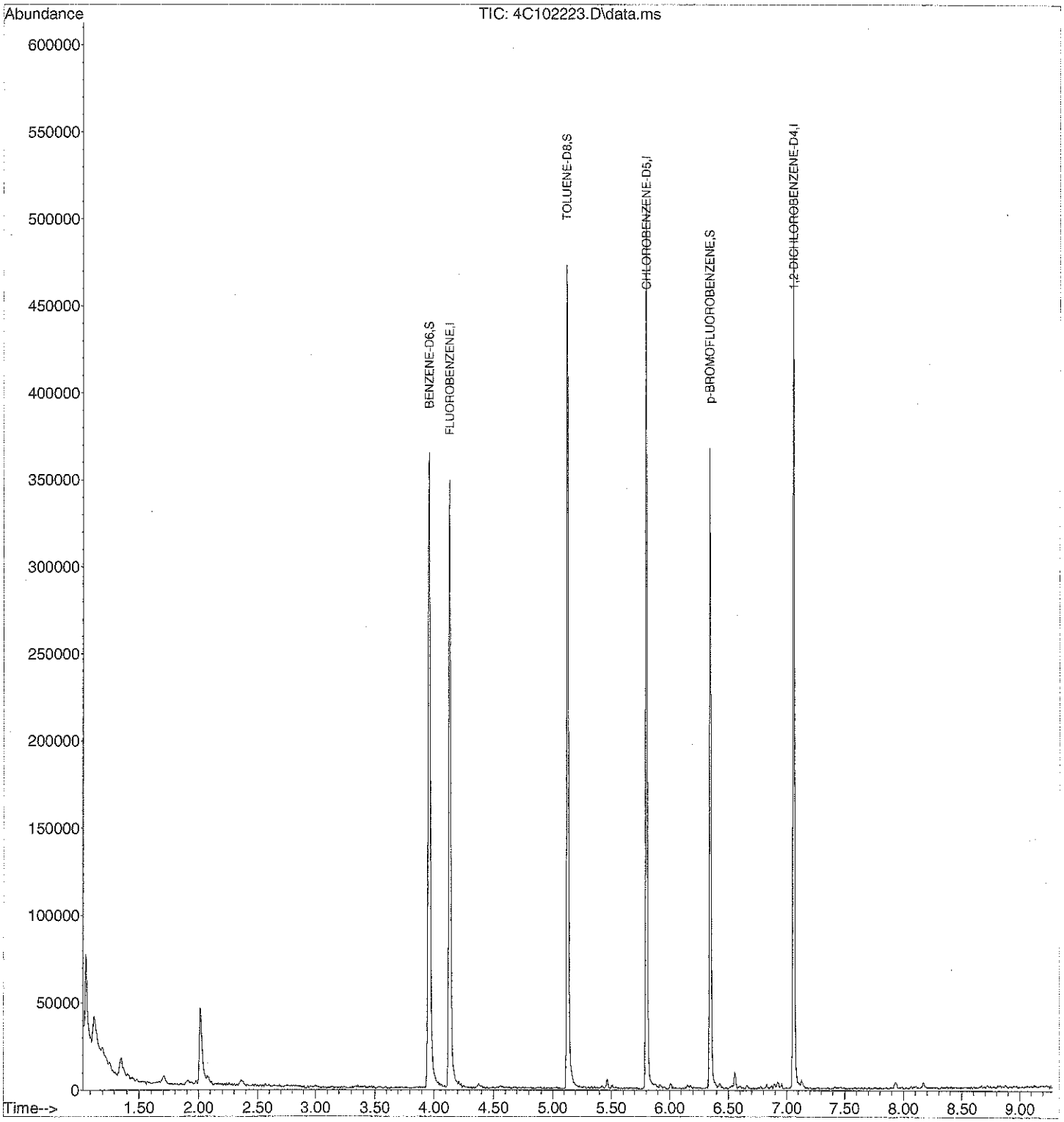
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102223.D
Acq On : 22 Oct 2008 17:51
Operator : CTANG
Sample : 0810013-12
Misc : GCMS #4, S10-17214, A
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 23 09:46:02 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102224.D
Acq On : 22 Oct 2008 18:14
Operator : CTANG
Sample : 0810013-07
Misc : GCMS #4, S05-18314, B
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 23 09:40:53 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

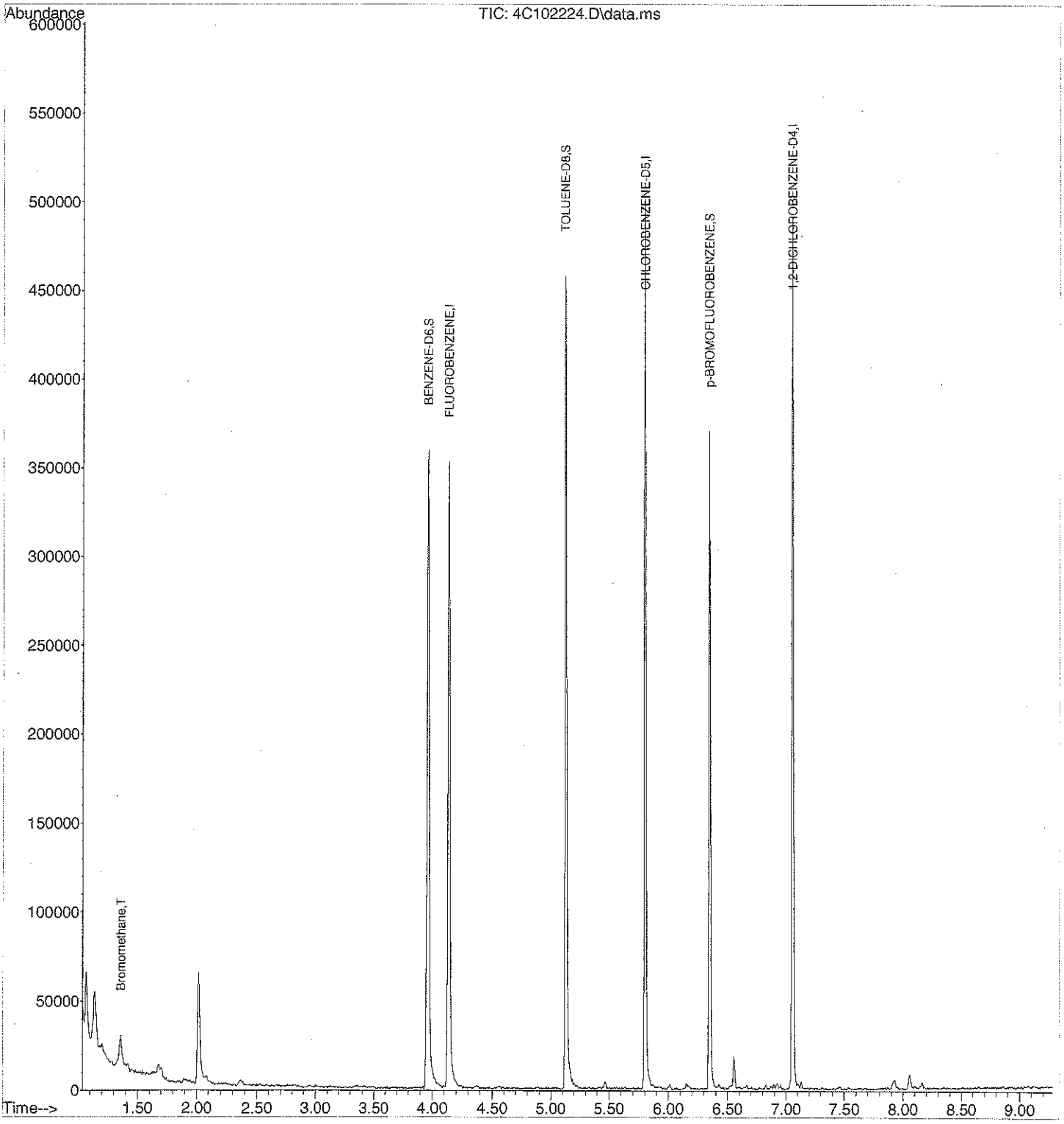
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE	4.138	96	1617678	50.00 ng	0.00
43) CHLOROBENZENE-D5	5.805	82	703713	50.00 ng	0.00
66) 1,2-DICHLOROBENZENE-D4	7.062	152	606133	50.00 ng	0.00
System Monitoring Compounds					
24) BENZENE-D6	3.966	84	1673083	48.27 ng	0.00
34) TOLUENE-D8	5.133	98	1441588	47.44 ng	0.00
52) p-BROMOFLUOROBENZENE	6.350	95	619702	53.77 ng	0.00
Target Compounds					Qvalue
5) Bromomethane	1.362	94	105492	38.28 ng	84

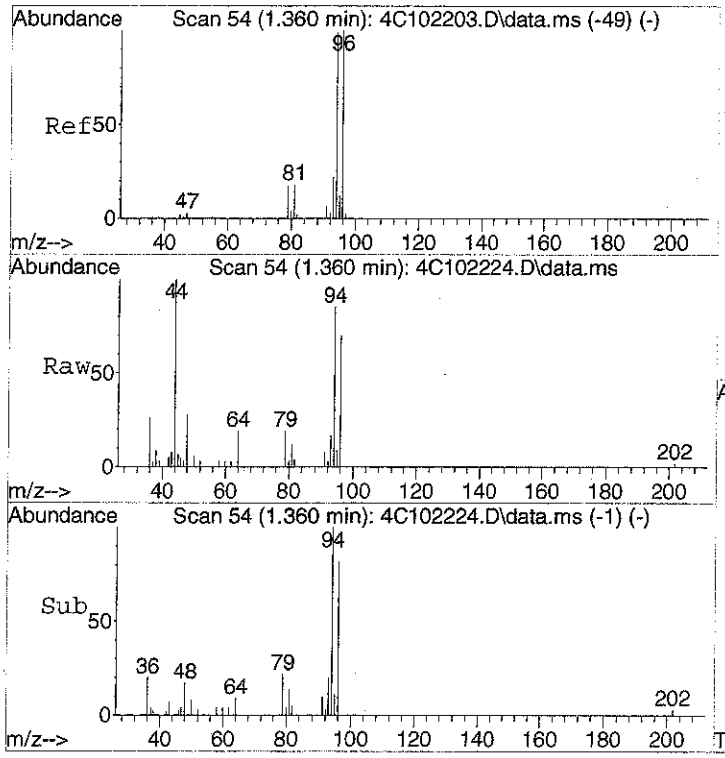
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102224.D
Acq On : 22 Oct 2008 18:14
Operator : CTANG
Sample : 0810013-07
Misc : GCMS #4, S05-18314, B
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 23 09:40:53 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

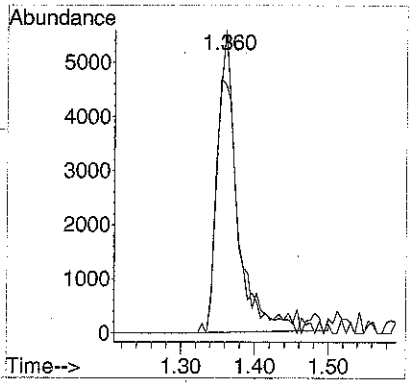




#5
Bromomethane
Concen: 38.28 ng
RT: 1.362 min Scan# 54
Delta R.T. 0.002 min
Lab File: 4C102224.D
Acq: 22 Oct 2008 18:14

Tgt Ion: 94 Resp: 105492

Ion	Ratio	Lower	Upper
94	100		
96	79.7	61.7	128.3



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102225.D
Acq On : 22 Oct 2008 18:36
Operator : CTANG
Sample : B810031-MS1
Misc : GCMS #4, S04-18216, B, MS/MSD, LIMS 8102213
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 22 18:45:48 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.136	96	1628369	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	806173	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.061	152	668015	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.964	84	1797012	51.51 ng		0.00
34) TOLUENE-D8	5.132	98	1530899	50.04 ng		0.00
52) p-BROMOFLUOROBENZENE	6.348	95	691675	52.39 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.075	85	1267202	203.38 ng		99
3) Chloromethane	1.156	50	3604577	168.54 ng		91
4) Vinyl chloride	1.204	62	2067808	286.09 ng		88
5) Bromomethane	1.359	94	611553	220.48 ng		97
6) Chloroethane	1.410	64	1548762	305.06 ng		98
7) Trichlorofluoromethane	1.647	101	2866102	230.92 ng		99
8) Acrolein	1.640	56	331115	1395.81 ng		98
9) 1,1-Dichloroethene	1.895	96	2267700	261.71 ng		90
10) Acetone	1.696	43	7134410	1200.39 ng		85
11) Carbon disulfide	2.084	76	4383970	207.95 ng		96
12) Methylene chloride	1.977	84	2248869	249.89 ng	#	7
13) Acrylonitrile	1.929	53	8369781	1175.61 ng		97
14) trans-1,2-Dichloroethene	2.377	96	2048240	278.72 ng	#	57
15) 1,1-Dichloroethane	2.548	63	4990247	277.17 ng	#	98
16) 2-Butanone	2.907	43	11145644	1326.96 ng		87
17) cis-1,2-Dichloroethene	3.009	96	2384013	276.05 ng	#	66
18) 2,2-Dichloropropane	3.238	77	322671	151.14 ng		99
19) Bromochloromethane	3.139	128	937929	274.07 ng		97
20) Chloroform	3.188	83	3770909	269.42 ng		94
21) 1,1,1-Trichloroethane	3.725	97	2655136	300.46 ng	#	86
22) 1,1-Dichloropropene	3.859	75	3200950	290.75 ng		97
23) Carbon tetrachloride	3.956	117	859183	510.05 ng		89
25) 1,2-Dichloroethane	3.667	62	3583534	297.73 ng	#	91
26) Benzene	3.990	78	9216195	285.85 ng		98
27) Trichloroethene	4.383	130	2245881	289.74 ng		100
28) 1,2-Dichloropropane	4.354	63	2969568	280.64 ng		94
29) Dibromomethane	4.329	174	1189466	314.66 ng		95
30) Bromodichloromethane	4.405	83	2435531	313.00 ng		98
32) cis-1,3-Dichloropropene	4.775	75	1759764	225.16 ng		98
33) 4-Methyl-2-pentanone	4.856	43	9655872	463.74 ng		79
35) Toluene	5.166	91	9529820	289.97 ng		99
36) trans-1,3-Dichloropropene	5.007	75	1154251	177.73 ng		93
37) 1,1,2-Trichloroethane	5.072	97	1920982	283.18 ng		94
38) 1,3-Dichloropropane	5.192	76	3206700	273.50 ng		89
39) Tetrachloroethene	5.509	166	2320850	285.48 ng		97
40) 2-Hexanone	5.294	43	6377986	445.26 ng		95
41) Dibromochloromethane	5.306	129	1642392	314.60 ng		97
42) 1,2-Dibromoethane	5.420	107	1835786	280.22 ng		95
44) Chlorobenzene	5.818	112	6289101	299.22 ng		98
45) 1,1,1,2-Tetrachloroethane	5.786	131	1500526	404.08 ng		93
46) Ethylbenzene	5.916	91	10845721	306.12 ng		98
47) m- &/or p-Xylene	6.005	91	17018712	623.85 ng		100
48) o-Xylene	6.177	91	8707188	306.72 ng		97
49) Styrene	6.148	104	6703361	303.28 ng		97
50) Bromoform	6.034	173	1036558	325.94 ng		91

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102225.D
Acq On : 22 Oct 2008 18:36
Operator : CTANG
Sample : B810031-MS1
Misc : GCMS #4, S04-18216, B, MS/MSD, LIMS 8102213
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 22 18:45:48 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

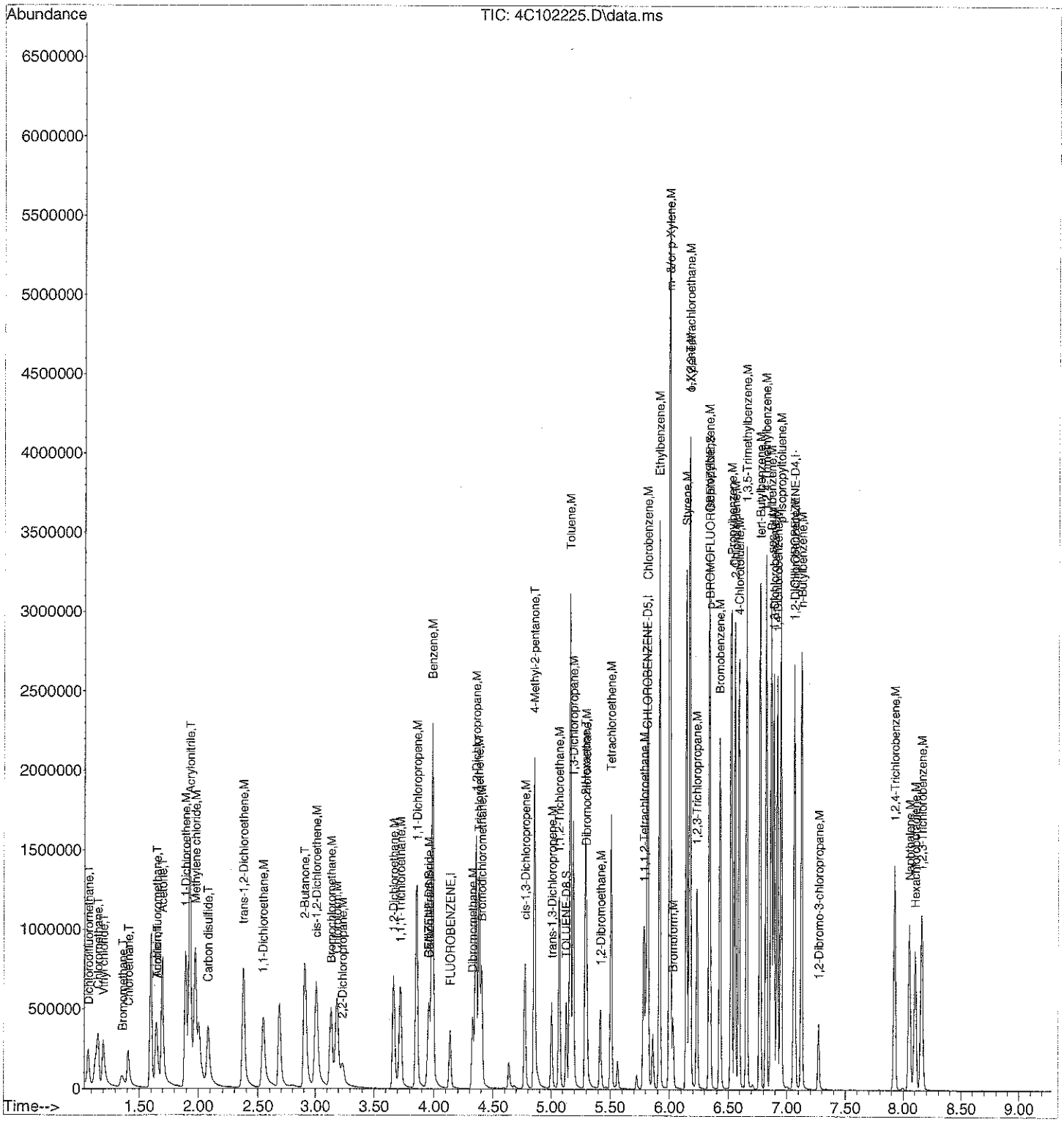
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	10380256	303.52 ng	99
53) 1,1,2,2-Tetrachloroethane	6.173	83	2461158	318.19 ng	98
54) 1,2,3-Trichloropropane	6.236	75	2241133	294.71 ng	96
55) Bromobenzene	6.432	156	2566278	289.60 ng	90
56) n-Propylbenzene	6.529	91	11908263	301.08 ng	96
57) 2-Chlorotoluene	6.561	91	7368865	296.78 ng	99
58) 4-Chlorotoluene	6.597	91	7801099	295.69 ng	96
59) 1,3,5-Trimethylbenzene	6.661	105	8729449	299.57 ng	96
60) tert-Butylbenzene	6.774	119	7080464	300.16 ng	98
61) 1,2,4-Trimethylbenzene	6.826	105	8936789	298.15 ng	97
62) sec-Butylbenzene	6.869	105	10848790	301.96 ng	99
63) p-Isopropyltoluene	6.952	119	8690270	293.29 ng	98
64) 1,3-Dichlorobenzene	6.891	146	4779813	290.67 ng	98
65) 1,4-Dichlorobenzene	6.921	146	4883323	284.26 ng	97
67) n-Butylbenzene	7.127	91	7979094	274.15 ng	97
68) 1,2-Dichlorobenzene	7.070	146	4641600	269.87 ng	96
69) 1,2-Dibromo-3-chloropr...	7.276	157	527784	306.37 ng	97
70) 1,2,4-Trichlorobenzene	7.929	180	2775742	243.34 ng	90
71) Hexachlorobutadiene	8.107	225	1352144	262.28 ng	96
72) Naphthalene	8.055	128	5657063	171.78 ng	99
73) 1,2,3-Trichlorobenzene	8.162	180	2471994	230.20 ng	91

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102225.D
Acq On : 22 Oct 2008 18:36
Operator : CTANG
Sample : B810031-MS1
Misc : GCMS #4, S04-18216, B, MS/MSD, LIMS 8102213
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 22 18:45:48 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102226.D
Acq On : 22 Oct 2008 18:58
Operator : CTANG
Sample : B810031-MSD1
Misc : GCMS #4, S04-18216, C, MS/MSD, LIMS 8102213
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 22 19:08:09 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.136	96	1656442	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	833000	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.061	152	657062	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.964	84	1841107	51.88 ng		0.00
34) TOLUENE-D8	5.132	98	1546611	49.70 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	692300	50.75 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.075	85	1404611	221.61 ng		100
3) Chloromethane	1.155	50	3866505	177.72 ng		90
4) Vinyl chloride	1.204	62	2220290	301.98 ng		90
5) Bromomethane	1.359	94	749138	265.50 ng		99
6) Chloroethane	1.409	64	1712183	331.53 ng		100
7) Trichlorofluoromethane	1.647	101	3271997	259.15 ng		99
8) Acrolein	1.641	56	351945	1458.47 ng		98
9) 1,1-Dichloroethene	1.895	96	2407500	273.14 ng		92
10) Acetone	1.696	43	7285550	1205.05 ng		87
11) Carbon disulfide	2.084	76	4549717	212.15 ng		97
12) Methylene chloride	1.976	84	2289009	250.04 ng	#	5
13) Acrylonitrile	1.929	53	8653471	1194.86 ng		97
14) trans-1,2-Dichloroethene	2.377	96	2143333	286.72 ng	#	59
15) 1,1-Dichloroethane	2.548	63	5045310	275.48 ng	#	97
16) 2-Butanone	2.907	43	11176560	1308.09 ng		88
17) cis-1,2-Dichloroethene	3.009	96	2441127	277.87 ng	#	67
18) 2,2-Dichloropropane	3.238	77	340561	156.81 ng		97
19) Bromochloromethane	3.139	128	951343	273.28 ng		99
20) Chloroform	3.188	83	3810134	267.61 ng		95
21) 1,1,1-Trichloroethane	3.725	97	2690992	299.35 ng		89
22) 1,1-Dichloropropene	3.859	75	3247485	289.98 ng		97
23) Carbon tetrachloride	3.957	117	776963	453.42 ng		90
25) 1,2-Dichloroethane	3.667	62	3511059	286.77 ng	#	90
26) Benzene	3.991	78	9393804	286.42 ng		98
27) Trichloroethene	4.383	130	2257598	286.31 ng		99
28) 1,2-Dichloropropane	4.354	63	3032121	281.70 ng		94
29) Dibromomethane	4.329	174	1180130	306.90 ng		98
30) Bromodichloromethane	4.405	83	2426611	306.56 ng		95
32) cis-1,3-Dichloropropene	4.775	75	1935479	243.44 ng		97
33) 4-Methyl-2-pentanone	4.856	43	10015928	472.88 ng		80
35) Toluene	5.166	91	9867374	295.15 ng		99
36) trans-1,3-Dichloropropene	5.006	75	1359482	205.79 ng		92
37) 1,1,2-Trichloroethane	5.072	97	1972433	285.84 ng		95
38) 1,3-Dichloropropane	5.192	76	3245051	272.08 ng		92
39) Tetrachloroethene	5.510	166	2381942	288.03 ng		96
40) 2-Hexanone	5.294	43	6734842	462.20 ng		95
41) Dibromochloromethane	5.306	129	1615228	304.15 ng		99
42) 1,2-Dibromoethane	5.421	107	1836261	275.54 ng		95
44) Chlorobenzene	5.819	112	6426298	295.91 ng		98
45) 1,1,1,2-Tetrachloroethane	5.786	131	1371820	357.52 ng		96
46) Ethylbenzene	5.917	91	11185703	305.55 ng		98
47) m- &/or p-Xylene	6.006	91	17362336	615.95 ng		100
48) o-Xylene	6.178	91	8942240	304.86 ng		98
49) Styrene	6.148	104	6862012	300.46 ng		97
50) Bromoform	6.035	173	1028214	312.90 ng		92

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102226.D
Acq On : 22 Oct 2008 18:58
Operator : CTANG
Sample : B810031-MSD1
Misc : GCMS #4, S04-18216, C, MS/MSD, LIMS 8102213
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 22 19:08:09 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

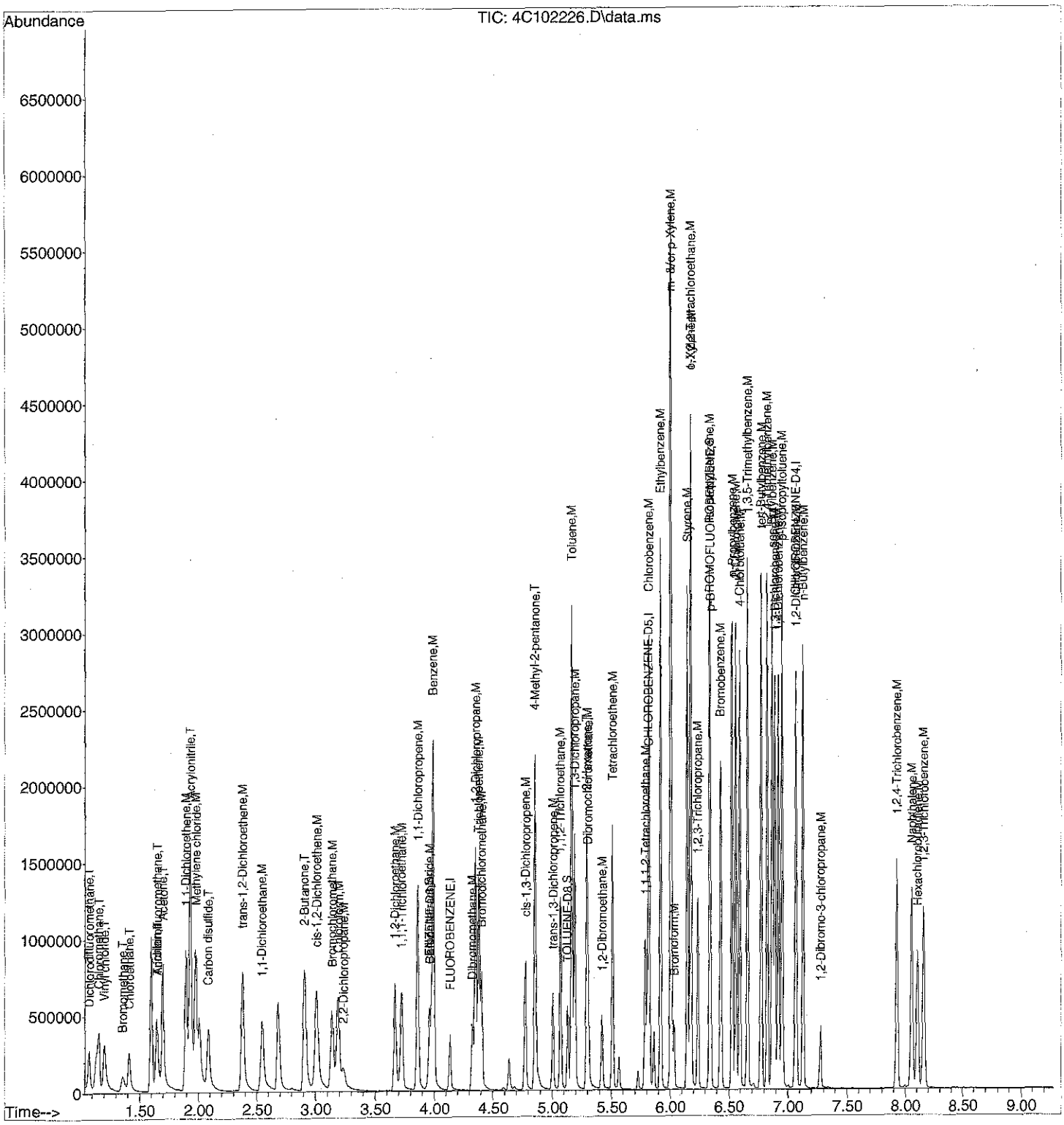
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	10731040	303.67 ng	98
53) 1,1,2,2-Tetrachloroethane	6.174	83	2477384	309.98 ng	99
54) 1,2,3-Trichloropropane	6.236	75	2279158	290.06 ng	95
55) Bromobenzene	6.433	156	2622876	286.45 ng	87
56) n-Propylbenzene	6.530	91	12226950	299.19 ng	96
57) 2-Chlorotoluene	6.562	91	7642084	297.87 ng	99
58) 4-Chlorotoluene	6.597	91	7936002	291.12 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	9081191	301.60 ng	96
60) tert-Butylbenzene	6.775	119	7361021	302.00 ng	99
61) 1,2,4-Trimethylbenzene	6.827	105	9206425	297.26 ng	98
62) sec-Butylbenzene	6.869	105	11173805	300.99 ng	99
63) p-Isopropyltoluene	6.953	119	9059773	295.92 ng	98
64) 1,3-Dichlorobenzene	6.891	146	4942401	290.88 ng	98
65) 1,4-Dichlorobenzene	6.922	146	4989849	281.11 ng	97
67) n-Butylbenzene	7.128	91	8347347	291.58 ng	97
68) 1,2-Dichlorobenzene	7.071	146	4790606	283.18 ng	96
69) 1,2-Dibromo-3-chloropr...	7.276	157	514842	303.84 ng	98
70) 1,2,4-Trichlorobenzene	7.930	180	2941844	262.20 ng	90
71) Hexachlorobutadiene	8.107	225	1423301	280.68 ng	95
72) Naphthalene	8.056	128	7091592	218.94 ng	99
73) 1,2,3-Trichlorobenzene	8.162	180	2694179	255.07 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102226.D
Acq On : 22 Oct 2008 18:58
Operator : CTANG
Sample : B810031-MSD1
Misc : GCMS #4, S04-18216, C, MS/MSD, LIMS 8102213
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 22 19:08:09 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102227.D
Acq On : 22 Oct 2008 19:21
Operator : CTANG
Sample : B810031-BS1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 19:30:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1653594	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.805	82	860269	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.061	152	687674	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.966	84	1826650	51.56 ng		0.00
34) TOLUENE-D8	5.133	98	1545101	49.74 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	712241	50.56 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.077	85	1429578	225.94 ng		96
3) Chloromethane	1.154	50	4743631	218.41 ng		90
4) Vinyl chloride	1.206	62	2088313	284.52 ng		90
5) Bromomethane	1.361	94	721120	256.01 ng		98
6) Chloroethane	1.412	64	1464426	284.05 ng		99
7) Trichlorofluoromethane	1.649	101	3297663	261.64 ng		99
8) Acrolein	1.643	56	358654	1488.83 ng		92
9) 1,1-Dichloroethene	1.898	96	2310462	262.58 ng		88
10) Acetone	1.700	43	7675224	1271.69 ng		88
11) Carbon disulfide	2.087	76	4433063	207.07 ng		96
12) Methylene chloride	1.980	84	2363978	258.67 ng	#	3
13) Acrylonitrile	1.932	53	9284239	1284.17 ng		97
14) trans-1,2-Dichloroethene	2.380	96	2119939	284.08 ng	#	57
15) 1,1-Dichloroethane	2.551	63	5232143	286.18 ng	#	96
16) 2-Butanone	2.911	43	12087475	1417.14 ng		88
17) cis-1,2-Dichloroethene	3.012	96	2489701	283.89 ng	#	67
18) 2,2-Dichloropropane	3.241	77	512644	236.45 ng		97
19) Bromochloromethane	3.142	128	1046633	301.17 ng		94
20) Chloroform	3.191	83	3972500	279.49 ng		95
21) 1,1,1-Trichloroethane	3.727	97	2824140	314.71 ng		90
22) 1,1-Dichloropropene	3.860	75	3157574	282.43 ng		98
23) Carbon tetrachloride	3.958	117	938897	548.87 ng		90
25) 1,2-Dichloroethane	3.669	62	3822991	312.78 ng	#	90
26) Benzene	3.991	78	9499876	290.15 ng		98
27) Trichloroethene	4.384	130	2295219	291.59 ng		99
28) 1,2-Dichloropropane	4.355	63	3154722	293.59 ng		95
29) Dibromomethane	4.330	174	1310881	341.49 ng		98
30) Bromodichloromethane	4.407	83	2695650	341.14 ng		94
32) cis-1,3-Dichloropropene	4.776	75	2297655	289.49 ng		97
33) 4-Methyl-2-pentanone	4.857	43	10844874	512.90 ng		80
35) Toluene	5.166	91	9919170	297.21 ng		97
36) trans-1,3-Dichloropropene	5.007	75	1733534	262.86 ng		93
37) 1,1,2-Trichloroethane	5.073	97	2073759	301.04 ng		95
38) 1,3-Dichloropropane	5.193	76	3507491	294.59 ng		91
39) Tetrachloroethene	5.510	166	2372308	287.35 ng		97
40) 2-Hexanone	5.295	43	7504083	515.88 ng		95
41) Dibromochloromethane	5.307	129	1806468	340.75 ng		98
42) 1,2-Dibromoethane	5.421	107	2036871	306.17 ng		95
44) Chlorobenzene	5.820	112	6546832	291.90 ng		98
45) 1,1,1,2-Tetrachloroethane	5.786	131	1522536	384.22 ng		95
46) Ethylbenzene	5.917	91	11268506	298.06 ng		98
47) m- &/or p-Xylene	6.006	91	17447805	599.37 ng		100
48) o-Xylene	6.178	91	9012046	297.50 ng		96
49) Styrene	6.148	104	7084543	300.37 ng		97
50) Bromoform	6.035	173	1194498	351.98 ng		90

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102227.D
Acq On : 22 Oct 2008 19:21
Operator : CTANG
Sample : B810031-BS1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 19:30:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

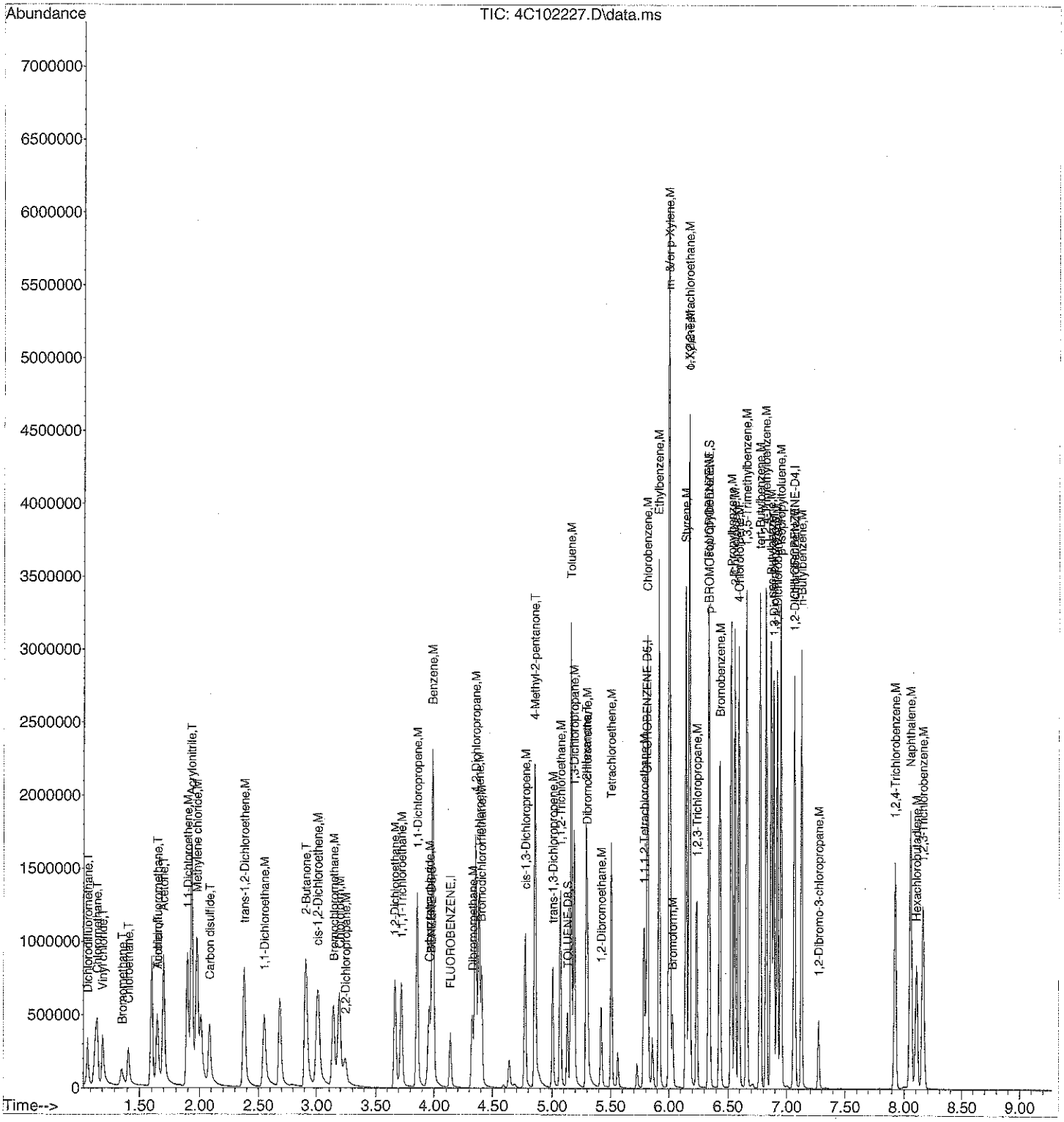
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	10668828	292.34 ng	99
53) 1,1,2,2-Tetrachloroethane	6.175	83	2662433	322.57 ng	97
54) 1,2,3-Trichloropropane	6.236	75	2460171	303.17 ng	96
55) Bromobenzene	6.433	156	2758495	291.72 ng	90
56) n-Propylbenzene	6.530	91	12293886	291.29 ng	97
57) 2-Chlorotoluene	6.562	91	7774891	293.44 ng	99
58) 4-Chlorotoluene	6.597	91	8181056	290.59 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	9063042	291.46 ng	97
60) tert-Butylbenzene	6.775	119	7314309	290.57 ng	99
61) 1,2,4-Trimethylbenzene	6.827	105	9380591	293.28 ng	97
62) sec-Butylbenzene	6.870	105	10933436	285.18 ng	99
63) p-Isopropyltoluene	6.953	119	9101342	287.85 ng	97
64) 1,3-Dichlorobenzene	6.892	146	5088969	290.01 ng	98
65) 1,4-Dichlorobenzene	6.922	146	5222333	284.88 ng	97
67) n-Butylbenzene	7.128	91	8211579	274.07 ng	96
68) 1,2-Dichlorobenzene	7.071	146	4993905	282.06 ng	96
69) 1,2-Dibromo-3-chloropr...	7.277	157	564574	318.36 ng	91
70) 1,2,4-Trichlorobenzene	7.930	180	3058661	260.48 ng	90
71) Hexachlorobutadiene	8.109	225	1356069	255.52 ng	97
72) Naphthalene	8.056	128	9974759	294.24 ng	99
73) 1,2,3-Trichlorobenzene	8.163	180	2898314	262.18 ng	91

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102227.D
Acq On : 22 Oct 2008 19:21
Operator : CTANG
Sample : B810031-BS1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 19:30:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102228.D
Acq On : 22 Oct 2008 19:43
Operator : CTANG
Sample : B810031-BSD1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 22 19:52:41 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE	4.137	96	1649537	50.00 ng		0.00
43) CHLOROBENZENE-D5	5.804	82	867733	50.00 ng		0.00
66) 1,2-DICHLOROBENZENE-D4	7.061	152	670465	50.00 ng		0.00
System Monitoring Compounds						
24) BENZENE-D6	3.966	84	1859302	52.61 ng		0.00
34) TOLUENE-D8	5.133	98	1566683	50.56 ng		0.00
52) p-BROMOFLUOROBENZENE	6.349	95	703205	49.49 ng		0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.077	85	1356615	214.94 ng		98
3) Chloromethane	1.153	50	4665116	215.33 ng		91
4) Vinyl chloride	1.206	62	2033486	277.73 ng		90
5) Bromomethane	1.360	94	697742	248.32 ng		99
6) Chloroethane	1.413	64	1291870	251.19 ng		100
7) Trichlorofluoromethane	1.650	101	2497473	198.64 ng		99
8) Acrolein	1.643	56	376526	1566.87 ng		92
9) 1,1-Dichloroethene	1.898	96	2550612	290.59 ng		92
10) Acetone	1.700	43	8577771	1424.72 ng		86
11) Carbon disulfide	2.087	76	4947134	231.65 ng		98
12) Methylene chloride	1.980	84	2655461	291.28 ng	#	5
13) Acrylonitrile	1.933	53	10161472	1408.96 ng		97
14) trans-1,2-Dichloroethene	2.381	96	2349770	315.65 ng	#	56
15) 1,1-Dichloroethane	2.552	63	5903037	323.67 ng	#	93
16) 2-Butanone	2.912	43	13043879	1533.03 ng		88
17) cis-1,2-Dichloroethene	3.013	96	2765825	316.15 ng	#	66
18) 2,2-Dichloropropane	3.241	77	530124	245.12 ng		99
19) Bromochloromethane	3.142	128	1160581	334.78 ng		98
20) Chloroform	3.192	83	4368059	308.08 ng		96
21) 1,1,1-Trichloroethane	3.727	97	3106520	347.02 ng		90
22) 1,1-Dichloropropene	3.861	75	3530000	316.52 ng		98
23) Carbon tetrachloride	3.958	117	985633	577.61 ng		91
25) 1,2-Dichloroethane	3.670	62	4157983	341.03 ng	#	92
26) Benzene	3.992	78	10548320	322.97 ng		98
27) Trichloroethene	4.384	130	2549528	324.69 ng		99
28) 1,2-Dichloropropane	4.355	63	3492055	325.79 ng		95
29) Dibromomethane	4.330	174	1416766	369.99 ng		96
30) Bromodichloromethane	4.407	83	3016236	382.65 ng		98
32) cis-1,3-Dichloropropene	4.776	75	2584282	326.41 ng		97
33) 4-Methyl-2-pentanone	4.857	43	12018004	569.78 ng		79
35) Toluene	5.166	91	10950732	328.93 ng		99
36) trans-1,3-Dichloropropene	5.007	75	1991303	302.69 ng		92
37) 1,1,2-Trichloroethane	5.073	97	2303513	335.22 ng		93
38) 1,3-Dichloropropane	5.193	76	3892324	327.72 ng		91
39) Tetrachloroethene	5.510	166	2643668	321.01 ng		98
40) 2-Hexanone	5.295	43	8022288	552.86 ng		95
41) Dibromochloromethane	5.306	129	2003471	378.84 ng		98
42) 1,2-Dibromoethane	5.421	107	2261156	340.71 ng		98
44) Chlorobenzene	5.819	112	7361112	325.38 ng		97
45) 1,1,1,2-Tetrachloroethane	5.786	131	1682860	421.03 ng		95
46) Ethylbenzene	5.917	91	12467048	326.92 ng		98
47) m- &/or p-Xylene	6.006	91	19225741	654.76 ng		99
48) o-Xylene	6.178	91	9979575	326.60 ng		95
49) Styrene	6.148	104	7960189	334.60 ng		97
50) Bromoform	6.035	173	1339172	391.22 ng		88

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102228.D
Acq On : 22 Oct 2008 19:43
Operator : CTANG
Sample : B810031-BSD1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 22 19:52:41 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

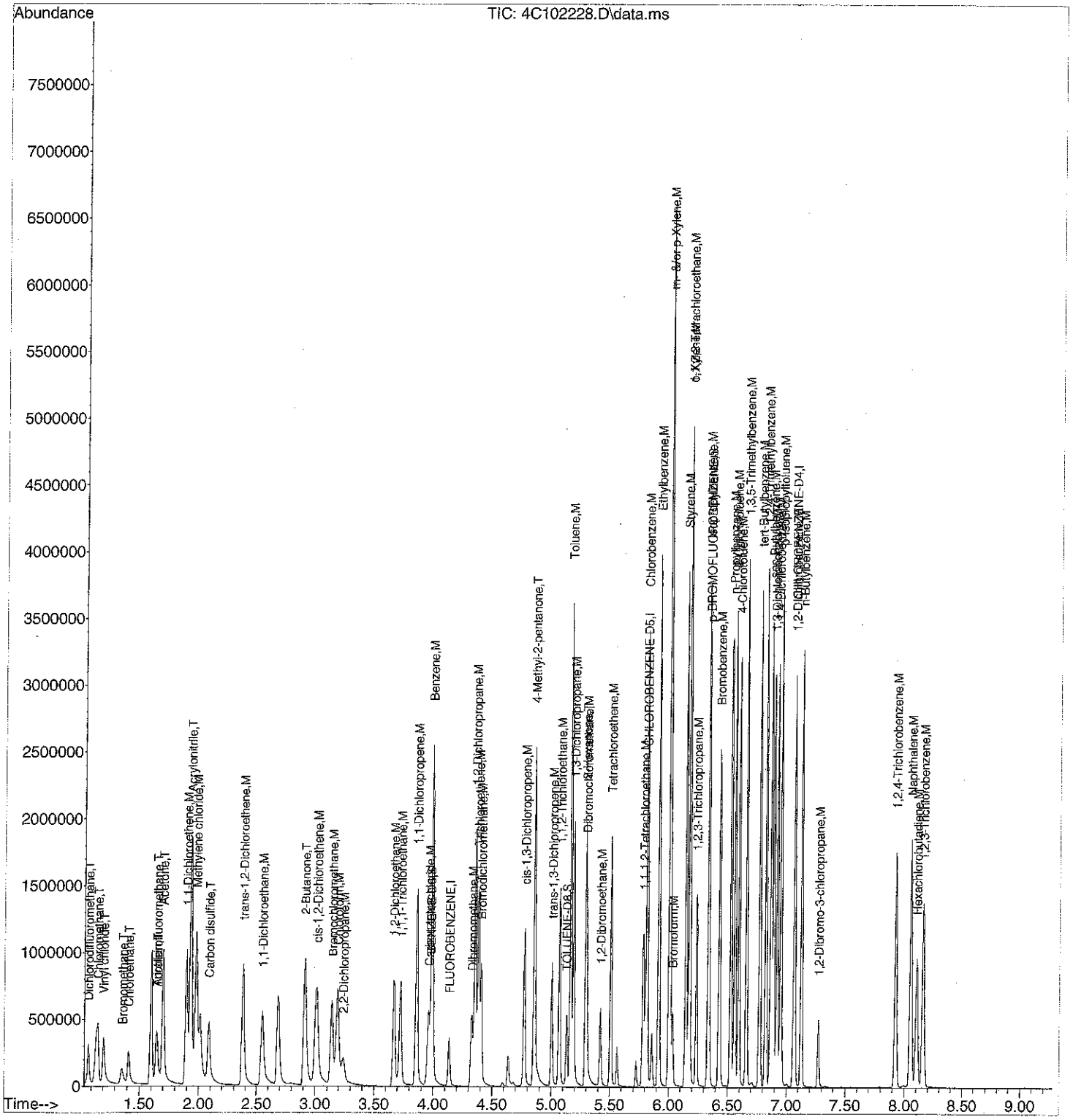
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) Isopropylbenzene	6.339	105	11857272	322.11 ng	99
53) 1,1,2,2-Tetrachloroethane	6.174	83	2931155	352.07 ng	97
54) 1,2,3-Trichloropropane	6.236	75	2672528	326.51 ng	94
55) Bromobenzene	6.433	156	3038861	318.60 ng	89
56) n-Propylbenzene	6.529	91	13710443	322.06 ng	97
57) 2-Chlorotoluene	6.562	91	8612552	322.26 ng	99
58) 4-Chlorotoluene	6.597	91	9074919	319.57 ng	96
59) 1,3,5-Trimethylbenzene	6.662	105	10204508	325.34 ng	97
60) tert-Butylbenzene	6.775	119	8168501	321.71 ng	98
61) 1,2,4-Trimethylbenzene	6.826	105	10307433	319.48 ng	98
62) sec-Butylbenzene	6.869	105	12194855	315.35 ng	100
63) p-Isopropyltoluene	6.953	119	10078085	316.00 ng	97
64) 1,3-Dichlorobenzene	6.892	146	5643535	318.85 ng	98
65) 1,4-Dichlorobenzene	6.922	146	5836021	315.62 ng	96
67) n-Butylbenzene	7.128	91	9196204	314.81 ng	97
68) 1,2-Dichlorobenzene	7.071	146	5559809	322.08 ng	96
69) 1,2-Dibromo-3-chloropr...	7.276	157	624900	361.42 ng	94
70) 1,2,4-Trichlorobenzene	7.930	180	3457306	301.99 ng	91
71) Hexachlorobutadiene	8.108	225	1542246	298.06 ng	96
72) Naphthalene	8.057	128	9698419	293.43 ng	99
73) 1,2,3-Trichlorobenzene	8.164	180	3170859	294.20 ng	92

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

Quantitation Report (QT Reviewed)

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102228.D
Acq On : 22 Oct 2008 19:43
Operator : CTANG
Sample : B810031-BSD1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 22 19:52:41 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102227.D
Acq On : 22 Oct 2008 19:21
Operator : CTANG
Sample : B810031-BS1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 19:30:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	FLUOROBENZENE	50.000	50.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	250.000	225.941	9.6	90	0.00
3	T	Chloromethane	250.000	218.413	12.6	97	0.00
4	T	Vinyl chloride	250.000	284.515	-13.8	94	0.00
5	T	Bromomethane	250.000	256.011	-2.4	188	0.00
6	T	Chloroethane	250.000	284.048	-13.6	104	0.00
7	T	Trichlorofluoromethane	250.000	261.636	-4.7	130	0.00
8	T	Acrolein	1250.000	1488.833	-19.1	112	0.00
9	M	1,1-Dichloroethene	250.000	262.582	-5.0	99	0.00
10	T	Acetone	1250.000	1271.687	-1.7	102	0.00
11	T	Carbon disulfide	250.000	207.069	17.2	75	0.00
12	M	Methylene chloride	250.000	258.670	-3.5	99	0.00
13	T	Acrylonitrile	1250.000	1284.166	-2.7	99	0.00
14	M	trans-1,2-Dichloroethene	250.000	284.079	-13.6	104	0.00
15	M	1,1-Dichloroethane	250.000	286.177	-14.5	106	0.00
16	T	2-Butanone	1250.000	1417.140	-13.4	104	0.00
17	M	cis-1,2-Dichloroethene	250.000	283.885	-13.6	104	0.00
18	M	2,2-Dichloropropane	250.000	236.454	5.4	88	0.00
19	M	Bromochloromethane	250.000	301.174	-20.5	116	0.00
20	M	Chloroform	250.000	279.491	-11.8	102	0.00
21	M	1,1,1-Trichloroethane	250.000	314.706	-25.9#	103	0.00
22	M	1,1-Dichloropropene	250.000	282.435	-13.0	100	0.00
23	M	Carbon tetrachloride	250.000	548.867	-119.5#	111	0.00
24	S	BENZENE-D6	50.000	51.557	-3.1	100	0.00
25	M	1,2-Dichloroethane	250.000	312.784	-25.1#	104	0.00
26	M	Benzene	250.000	290.151	-16.1	104	0.00
27	M	Trichloroethene	250.000	291.585	-16.6	102	0.00
28	M	1,2-Dichloropropane	250.000	293.595	-17.4	105	0.00
29	M	Dibromomethane	250.000	341.494	-36.6#	116	0.00
30	M	Bromodichloromethane	250.000	341.140	-36.5#	105	0.00
31	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	105	0.00
32	M	cis-1,3-Dichloropropene	250.000	289.493	-15.8	108	0.00
33	T	4-Methyl-2-pentanone	500.000	512.899	-2.6	100	0.00
34	S	TOLUENE-D8	50.000	49.738	0.5	101	0.00
35	M	Toluene	250.000	297.214	-18.9	104	0.00
36	M	trans-1,3-Dichloropropene	250.000	262.862	-5.1	107	0.00
37	M	1,1,2-Trichloroethane	250.000	301.041	-20.4	109	0.00
38	M	1,3-Dichloropropane	250.000	294.591	-17.8	106	0.00
39	M	Tetrachloroethene	250.000	287.354	-14.9	101	0.00
40	T	2-Hexanone	500.000	515.881	-3.2	106	0.00
41	M	Dibromochloromethane	250.000	340.751	-36.3#	114	0.00
42	M	1,2-Dibromoethane	250.000	306.166	-22.5	116	0.00
43	I	CHLOROBENZENE-D5	50.000	50.000	0.0	103	0.00
44	M	Chlorobenzene	250.000	291.901	-16.8	103	0.00
45	M	1,1,1,2-Tetrachloroethane	250.000	384.223	-53.7#	112	0.00
46	M	Ethylbenzene	250.000	298.056	-19.2	104	0.00
47	M	m- &/or p-Xylene	500.000	599.365	-19.9	103	0.00
48	M	o-Xylene	250.000	297.499	-19.0	103	0.00
49	M	Styrene	250.000	300.374	-20.1	105	0.00
50	M	Bromoform	250.000	351.982	-40.8#	121	0.00

Evaluate Continuing Calibration Report

Data Path : D:\Ctang\DATA\2008\4C102281\
Data File : 4C102227.D
Acq On : 22 Oct 2008 19:21
Operator : CTANG
Sample : B810031-BS1
Misc : GCMS #4, 0810013, LIMS 8102213
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 19:30:28 2008
Quant Method : D:\CTANG\METHODS\2008\4CA22231.M
Quant Title :
QLast Update : Wed Oct 22 11:57:27 2008
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
51	M	Isopropylbenzene	250.000	292.340	-16.9	103	0.00
52	S	p-BROMOFLUOROBENZENE	50.000	50.556	-1.1	100	0.00
53	M	1,1,2,2-Tetrachloroethane	250.000	322.571	-29.0#	119	0.00
54	M	1,2,3-Trichloropropane	250.000	303.172	-21.3	119	0.00
55	M	Bromobenzene	250.000	291.715	-16.7	104	0.00
56	M	n-Propylbenzene	250.000	291.289	-16.5	102	0.00
57	M	2-Chlorotoluene	250.000	293.438	-17.4	103	0.00
58	M	4-Chlorotoluene	250.000	290.592	-16.2	104	0.00
59	M	1,3,5-Trimethylbenzene	250.000	291.457	-16.6	103	0.00
60	M	tert-Butylbenzene	250.000	290.572	-16.2	102	0.00
61	M	1,2,4-Trimethylbenzene	250.000	293.279	-17.3	104	0.00
62	M	sec-Butylbenzene	250.000	285.181	-14.1	100	0.00
63	M	p-Isopropyltoluene	250.000	287.852	-15.1	103	0.00
64	M	1,3-Dichlorobenzene	250.000	290.009	-16.0	104	0.00
65	M	1,4-Dichlorobenzene	250.000	284.881	-14.0	104	0.00
66	I	1,2-DICHLOROBENZENE-D4	50.000	50.000	0.0	101	0.00
67	M	n-Butylbenzene	250.000	274.072	-9.6	101	0.00
68	M	1,2-Dichlorobenzene	250.000	282.057	-12.8	105	0.00
69	M	1,2-Dibromo-3-chloropropane	250.000	318.360	-27.3#	131	0.00
70	M	1,2,4-Trichlorobenzene	250.000	260.480	-4.2	108	-0.02
71	M	Hexachlorobutadiene	250.000	255.522	-2.2	101	-0.02
72	M	Naphthalene	250.000	294.239	-17.7	148	-0.02
73	M	1,2,3-Trichlorobenzene	250.000	262.179	-4.9	115	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0