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BERKELEY ANALYTICAL
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E-mail info@berkeleyanalytical.com

Analysis of Field-Collected Air Samples

Customer and Project Information

Report Certification	
Report number	061-026-IH-Nov1815
Report date	November 18, 2015
Certified by (Name/Title)	Raja Tannous, Laboratory Director
Signature	
Date	*November 18, 2015*

Methods	
U.S. EPA TO-17	Determination of Volatile Organic Compounds in Ambient...
ASTM D 5197	Std. Test Method for Determination of Formaldehyde...

Customer Information	
Customer:	US EPA
City/State/Country	San Francisco, CA, USA
Contact name/Title	Jeff Woodlee
Phone number	415-972-3740

Project Information	
Project number	Not given
Project name	IAQ 75 Hawthorne
Project location	Not given
Project date	November 10, 2015

Laboratory Receiving Information	
Date samples received by lab	November 12, 2015
Condition of samples	No observed problems
Lab tracking numbers	061-026-01 to 061-026-20

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Sample Information

Sample No.	Sample Description	Sampler No.	Date Collected	Volume (L)	Analysis Type	Specified Method
C6-01	19416	Mi51174	November 10, 2015	5.38	Caprolactam	TO-17
C6-02	12333	Mi51152	November 10, 2015	5.32	Caprolactam	TO-17
C6-03	12172	Mi51198	November 10, 2015	5.30	Caprolactam	TO-17
C6-04	12414	Mi59936	November 10, 2015	5.70	Caprolactam	TO-17
C6-05	18333	Mi59939	November 10, 2015	6.25	Caprolactam	TO-17
C6-06	18448	Mi59926	November 10, 2015	6.09	Caprolactam	TO-17
C6-07	18163	Mi51135	November 10, 2015	6.10	Caprolactam	TO-17
C6-08	17362	Mi59933	November 10, 2015	4.71	Caprolactam	TO-17
C6-09	17355	Mi58836	November 10, 2015	4.66	Caprolactam	TO-17
C6-10	17141	Mi51192	November 10, 2015	4.71	Caprolactam	TO-17
F6-01	19416	Waters Cart	November 10, 2015	51.49	Formaldehyde	D 5197
F6-02	12333	Waters Cart	November 10, 2015	51.88	Formaldehyde	D 5197
F6-03	12172	Waters Cart	November 10, 2015	51.63	Formaldehyde	D 5197
F6-04	12414	Waters Cart	November 10, 2015	55.24	Formaldehyde	D 5197
F6-05	18333	Waters Cart	November 10, 2015	59.85	Formaldehyde	D 5197
F6-06	18448	Waters Cart	November 10, 2015	59.69	Formaldehyde	D 5197
F6-07	18163	Waters Cart	November 10, 2015	57.15	Formaldehyde	D 5197
F6-08	17362	Waters Cart	November 10, 2015	45.61	Formaldehyde	D 5197
F6-09	17355	Waters Cart	November 10, 2015	45.61	Formaldehyde	D 5197
F6-10	17141	Waters Cart	November 10, 2015	44.34	Formaldehyde	D 5197

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Analytical Information

Sample No.	Lab Track. No.	Method	Date Analyzed	Analyst	Data File
C6-01	061-026-01	TO-17	November 13, 2015	R. Gill	T151113_18
C6-02	061-026-02	TO-17	November 13, 2015	R. Gill	T151113_19
C6-03	061-026-03	TO-17	November 13, 2015	R. Gill	T151113_20
C6-04	061-026-04	TO-17	November 13, 2015	R. Gill	T151113_21
C6-05	061-026-05	TO-17	November 13, 2015	R. Gill	T151113_22
C6-06	061-026-06	TO-17	November 13, 2015	R. Gill	T151113_23
C6-07	061-026-07	TO-17	November 13, 2015	R. Gill	T151113_24
C6-08	061-026-08	TO-17	November 13, 2015	R. Gill	T151113_25
C6-09	061-026-09	TO-17	November 13, 2015	R. Gill	T151113_26
C6-10	061-026-10	TO-17	November 13, 2015	R. Gill	T151113_27
F6-01	061-026-11	D 5197	November 17, 2015	T.Cheng	151117\151117018.D
F6-02	061-025-12	D 5197	November 17, 2015	T.Cheng	151117\151117019.D
F6-03	061-026-13	D 5197	November 17, 2015	T.Cheng	151117\151117020.D
F6-04	061-026-14	D 5197	November 17, 2015	T.Cheng	151117\151117021.D
F6-05	061-026-15	D 5197	November 17, 2015	T.Cheng	151117\151117022.D
F6-06	061-026-16	D 5197	November 17, 2015	T.Cheng	151117\151117023.D
F6-07	061-026-17	D 5197	November 17, 2015	T.Cheng	151117\151117024.D
F6-08	061-026-18	D 5197	November 17, 2015	T.Cheng	151117\151117026.D
F6-09	061-026-19	D 5197	November 17, 2015	T.Cheng	151117\151117027.D
F6-10	061-026-20	D 5197	November 17, 2015	T.Cheng	151117\151117028.D

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Project Specific Information

Air samples for the analysis of formaldehyde (CAS # 50-00-0) and caprolactam (CAS # 105-60-2) were received by the laboratory on November 12, 2015. There were ten DNPH cartridges for the analysis of formaldehyde and there were ten multi-sorbent tubes for Caprolactam analysis. The analytical results are reported in Tables 1 – 2. All laboratory data, including but not limited to raw instrument files, calibration files, and quality control checks used to generate the results will be made available to the customer upon request.

Formaldehyde was analyzed by HPLC and quantified using multi-point (4 or more points) calibration curve.

MDL and LOQ – Method detection limit (MDL) for formaldehyde of 15 nanograms was determined from the analysis of ten replicates of the low level standard spiked onto DNPH cartridges; MDL for formaldehyde was The practical lower limit of quantitation (LOQ) is three times the MDL.

Uncertainty – The laboratory uses the ISO GUM method to estimate the uncertainties associated with the measurement of formaldehyde. The expanded uncertainty is equal to two times the relative standard deviation. For 2015, the expanded uncertainty estimated for formaldehyde was <9.0%.

The multisorbent air samples were analyzed for VOCs following U.S. EPA Compendium Method TO-17. Individual VOCs (iVOCs) were quantified using multi-point (4 or more points) with calibration curves prepared with pure standards, unless otherwise noted.

MDL and LOQ – Method detection limit (MDL) for caprolactam was determined from the analysis of three replicates of the low level standard spiked onto multisorbent air sampling tubes; The practical lower limit of quantitation (LOQ) is three times the MDL.

Uncertainty – The laboratory uses the ISO GUM method to estimate the uncertainties associated with the measurement of VOCs . The expanded uncertainty is equal to two times the relative standard deviation. For 2015, the expanded uncertainty estimated for caprolactam was 11%.

All test methods used in this project are contained in the scope of Berkeley Analytical's ISO/IEC 17025 accreditation (TL-383, International Accreditation Service, Inc.).

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Results

Table 1. Quantitative analysis of formaldehyde (CAS #50-00-0)

Sample No.	Sample Name	Volume (L)	Mass (ng)	Conc ($\mu g/m^3$)	Conc* (ppb)
F6-01	19416	51.49	323	6.3	5.1
F6-02	12333	51.88	422	8.1	6.6
F6-03	12172	51.63	454	8.8	7.2
F6-04	12414	55.24	428	7.8	6.3
F6-05	18333	59.85	352	5.9	4.8
F6-06	18448	59.69	4.1	7.0	5.7
F6-07	18163	57.15	398	7.0	5.7
F6-08	17362	45.61	245	5.4	4.4
F6-09	17355	45.61	288	6.3	5.1
F6-10	17141	44.34	292	6.6	5.4

Concentration in ppb calculated assuming standard conditions of 25° C and 101.3 kPa.

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Table 2. Quantitative analysis of Caprolactam (CAS # 105-60-2).

Sample No.	Sample Name	Volume (L)	Mass* (ng)	Conc ($\mu g/m^3$)
C6-01	19416	5.38	34.0	6.3
C6-02	12333	5.32	36.8	6.9
C6-03	12172	5.30	39.4	7.4
C6-04	12414	5.70	17.7	3.1
C6-05	18333	6.25	47.3	7.6
C6-06	18448	6.09	50.0	8.2
C6-07	18163	6.10	46.5	7.6
C6-08	17362	4.71	28.8	6.1
C6-09	17355	4.66	49.2	10.6
C6-10	17141	4.71	44.2	9.4

END OF REPORT

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CHAIN-OF-CUSTODY RECORD for ANALYTICAL SERVICES

2009 Update

Client Information*			
Company:	US EPA		
Street Address:	75 Hawthorne st		
City/State/Zip Code:	San Francisco, CA 94105		
Country:		Contact (for reporting):	Jeff Woodlee
Project/Job Name:	IAQ 75 Hawthorne		
Project/Job #:		P.O. #:	
Phone:	(415) 972-3740	Fax:	
E-mail address:	woodlee.jeff@epa.gov		

Received from BAA (check if applicable)	
Multi-sorbent tube samplers	☑
Aldehyde cartridge samplers	☑
Sampling pump(s)	☐
Other materials (specify):	☐

BAA Analysis Code	
Total VOCs by GC/MS total-ion-current method (TIC)	a
Qualitative GC/MS of individual VOCs	b
Qualitative GC/MS plus quantitation of up to 15 individual VOCs	c
Quantitative GC/MS analysis of target list of compounds	d
Quantitative GC/MS Total VOCs plus 4-PCH	e
Quantitative HPLC analysis of formaldehyde	f
Quantitative HPLC analysis of formaldehyde & acetaldehyde	g
Quantitative HPLC analysis of formaldehyde & C2-C9 carbonyls	h
Quantitative HPLC analysis of glutaraldehyde	i
	k
Other (specify):	z

Air Sampling Record

Tube/Cartridge Sampler No.	Collected Sample ID	Date Collected	Collection Minutes	Collected Volume (L)	Sample Location / Description / Remarks	Analysis Code	BAA Remarks
	F6-01	11/10/15	56	51.49	19416	f	
	F6-02	↓	56	51.88	12333	f	
	F6-03		56	51.63	12172	f	
	F6-04		60	55.24	12414	f	
	F6-05		65	59.85	18333	f	
	F6-06		64	59.69	18448	f	
	F6-07		62	57.15	18163	f	
	F6-08		49	45.61	17362	f	
	F6-09		49	45.61	17355	f	
	F6-10	↓	48	44.34	17141	f	

Sample(s) Handling

Relinquished By	Received By	Signature	Date	Company
Woodlee			11/12/15	US EPA
	Lois Switzer		11/12/15	BKA

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CHAIN-OF-CUSTODY RECORD
for ANALYTICAL SERVICES
2009 Update

Client Information*	
Company: US EPA	
Street Address:	
City/State/Zip Code:	
Country:	Contact (for reporting): Jeff Woodlee
Project/Job Name:	
Project/Job #:	P.O. #:
Phone:	Fax:
E-mail address:	

BAA Analysis Code	
Total VOCs by GC/MS total-ion-current method (TIC)	a
Qualitative GC/MS of individual VOCs	b
Qualitative GC/MS plus quantitation of up to 15 individual VOCs	c
Quantitative GC/MS analysis of target list of compounds	d
Quantitative GC/MS Total VOCs plus 4-PCH	e
Quantitative HPLC analysis of formaldehyde	f
Quantitative HPLC analysis of formaldehyde & acetaldehyde	g
Quantitative HPLC analysis of formaldehyde & C2-C9 carbonyls	h
Quantitative HPLC analysis of glutaraldehyde	i
	k
Other (specify):	z

Received from BAA (check if applicable)	
Multi-sorbent tube samplers	☑
Aldehyde cartridge samplers	☑
Sampling pump(s)	☐
Other materials (specify):	☐

Air Sampling Record

Tube/Cartridge Sampler No.	Collected Sample ID	Date Collected	Collection Minutes	Collected Volume (L)	Sample Location / Description / Remarks	Analysis Code	BAA Remarks
~~C6-01~~	C6-01	11/10/15	56	5.38	Mi 51174 19416	Caprolactam	
~~C6-02~~	C6-02		56	5.32	Mi 51152 12333		
Mi51198	C6-03		54	5.30	12172		
Mi59936	C6-04		60	5.70	12414		
Mi59939	C6-05		65	6.25	18333		
Mi59926	C6-06		64	6.09	18448		
Mi51135	C6-07		62	6.10	18163		
Mi59933	C6-08		49	4.71	17362		
Mi58836	C6-09		49	4.66	17355		
Mi51192	C6-10		48	4.71	17141		

Sample(s) Handling

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Woodlee			11/12/15	US EPA
	Louis Switzer		11/12/15	BKA

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2009 Update

Client Information*	
Company:	US EPA
Street Address:	
City/State/Zip Code:	
Country:	Contact (for reporting): Jeff Woodlee
Project/Job Name:	
Project/Job #:	P.O. #:
Phone:	Fax:
E-mail address:	

BAA Analysis Code	
Total VOCs by GC/MS total-ion-current method (TIC)	a
Qualitative GC/MS of individual VOCs	b
Qualitative GC/MS plus quantitation of up to 15 individual VOCs	c
Quantitative GC/MS analysis of target list of compounds	d
Quantitative GC/MS Total VOCs plus 4-PCH	e
Quantitative HPLC analysis of formaldehyde	f
Quantitative HPLC analysis of formaldehyde & acetaldehyde	g
Quantitative HPLC analysis of formaldehyde & C2-C9 carbonyls	h
Quantitative HPLC analysis of glutaraldehyde	i
	k
Other (specify):	z

Received from BAA (check if applicable)	
Multi-sorbent tube samplers	☑
Aldehyde cartridge samplers	☑
Sampling pump(s)	☐
Other materials (specify):	☐

Air Sampling Record

Tube/Cartridge Sampler No.	Collected Sample ID	Date Collected	Collection Minutes	Collected Volume (L)	Sample Location / Description / Remarks	Analysis Code	BAA Remarks
~~C6-01~~	C6-01	11/10/15	56	5.38	Mi 51174 19416	Caprolactam	
~~C6-02~~	C6-02		56	5.32	Mi 51152 12333		
Mi51198	C6-03		54	5.30	12172		
Mi59936	C6-04		60	5.70	12414		
Mi59939	C6-05		65	6.25	18333		
Mi59926	C6-06		64	6.09	18448		
Mi51135	C6-07		62	6.10	18163		
Mi59933	C6-08		49	4.71	17362		
Mi58836	C6-09		49	4.66	17355		
Mi51192	C6-10		48	4.71	17141		

Sample(s) Handling

Relinquished By	Received By	Signature	Date	Company
Woodlee			11/12/15	US EPA
	Lois Switzer		11/12/15	BKA

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Project/Job #:		P.O. #:	
Phone:	(415) 972-3740	Fax:	
E-mail address:	woodlee.jeff@epa.gov		

Received from BAA (check if applicable)	
Multi-sorbent tube samplers	☑
Aldehyde cartridge samplers	☑
Sampling pump(s)	☐
Other materials (specify):	☐

BAA Analysis Code	
Total VOCs by GC/MS total-ion-current method (TIC)	a
Qualitative GC/MS of individual VOCs	b
Qualitative GC/MS plus quantitation of up to 15 individual VOCs	c
Quantitative GC/MS analysis of target list of compounds	d
Quantitative GC/MS Total VOCs plus 4-PCH	e
Quantitative HPLC analysis of formaldehyde	f
Quantitative HPLC analysis of formaldehyde & acetaldehyde	g
Quantitative HPLC analysis of formaldehyde & C2-C9 carbonyls	h
Quantitative HPLC analysis of glutaraldehyde	i
	k
Other (specify):	z

Air Sampling Record

Tube/Cartridge Sampler No.	Collected Sample ID	Date Collected	Collection Minutes	Collected Volume (L)	Sample Location / Description / Remarks	Analysis Code	BAA Remarks
	F6-01	4/10/15	56	51.49	19416	f	
	F6-02	↓	56	51.88	12333	f	
	F6-03		56	51.63	12172	f	
	F6-04		60	55.24	12414	f	
	F6-05		65	59.85	18333	f	
	F6-06		64	59.69	18448	f	
	F6-07		62	57.15	18163	f	
	F6-08		49	45.61	17362	f	
	F6-09		49	45.61	17355	f	
	F6-10	↓	48	44.34	17141	f	

Sample(s) Handling

Relinquished By	Received By	Signature	Date	Company
Woodlee			4/12/15	US EPA
	Lois Switzer	Lois Switzer	4/12/15	BKA

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Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117018.D
Sample Name: 061-026-11

==========

Acq. Operator : SYSTEM Seq. Line : 16
Acq. Instrument : Agilent 1260 Location : Vial 15
Injection Date : 11/17/2015 6:39:20 PM Inj : 1
Inj Volume : 2.000 µl
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Last changed : 11/17/2015 1:55:15 PM by SYSTEM
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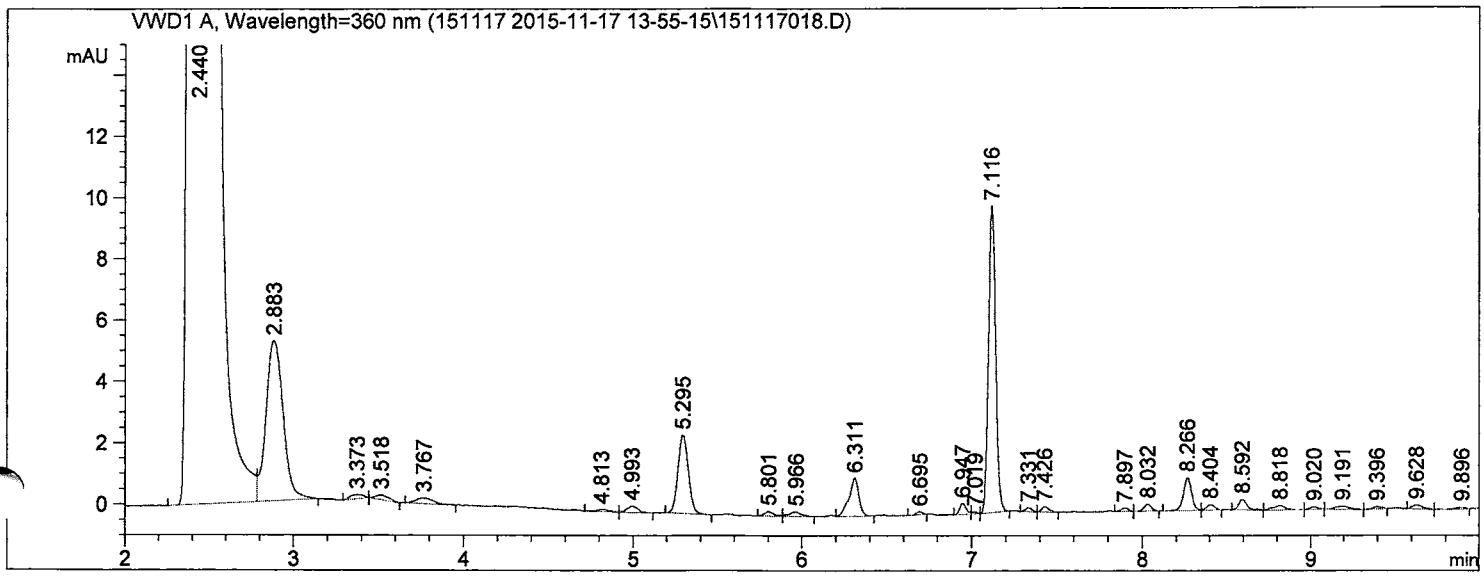
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-11; F6-01; 11/10/2015; 19416; 51.49L



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External Standard Report

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Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.295	1	BB	10.89424	1.48143e-2	322.78107		Formaldehyde;50-00-0
6.311	1	VV	5.06178	1.89429e-2	191.76918		Acetaldehyde;75-07-0

Totals : 514.55025

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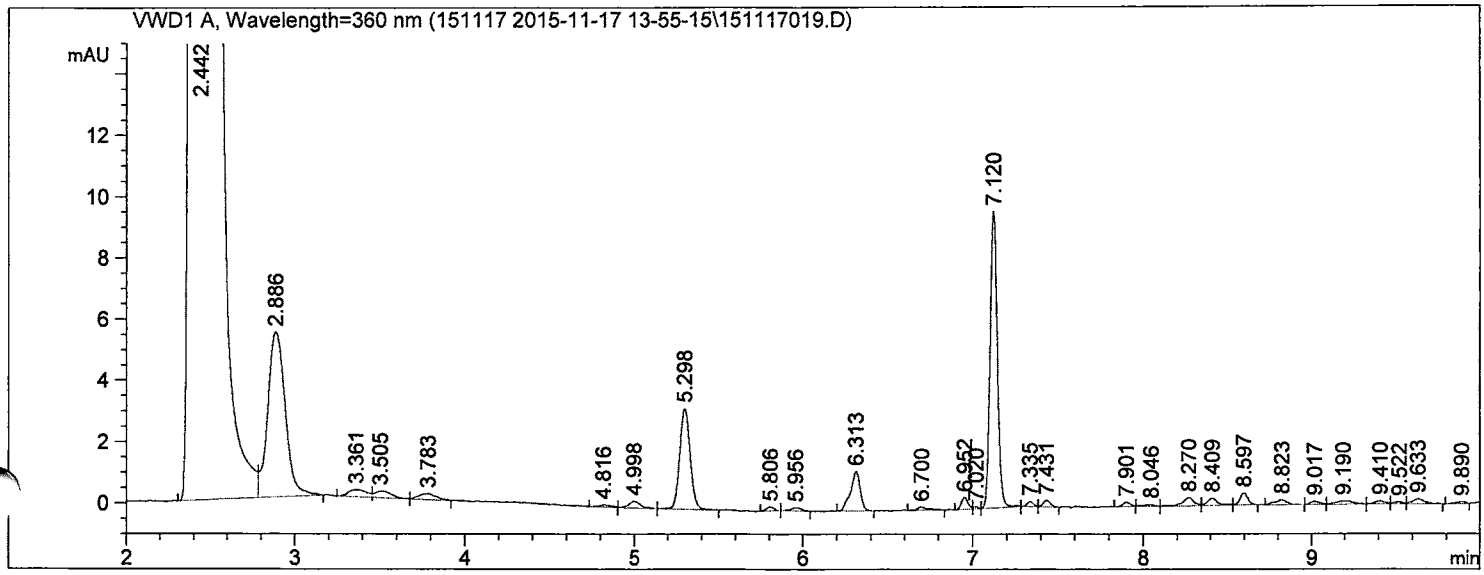
*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117019.D
Sample Name: 061-026-12

==========

Acq. Operator : SYSTEM Seq. Line : 17
Acq. Instrument : Agilent 1260 Location : Vial 16
Injection Date : 11/17/2015 6:55:59 PM Inj : 1
Inj Volume : 2.000 µl
Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-12; F6-02; 11/10/2015; 12333; 51.88L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.298	1	VB	14.23811	1.48143e-2	421.85544		Formaldehyde;50-00-0
6.313	1	BB	5.12349	1.89429e-2	194.10711		Acetaldehyde;75-07-0

Totals : 615.96255

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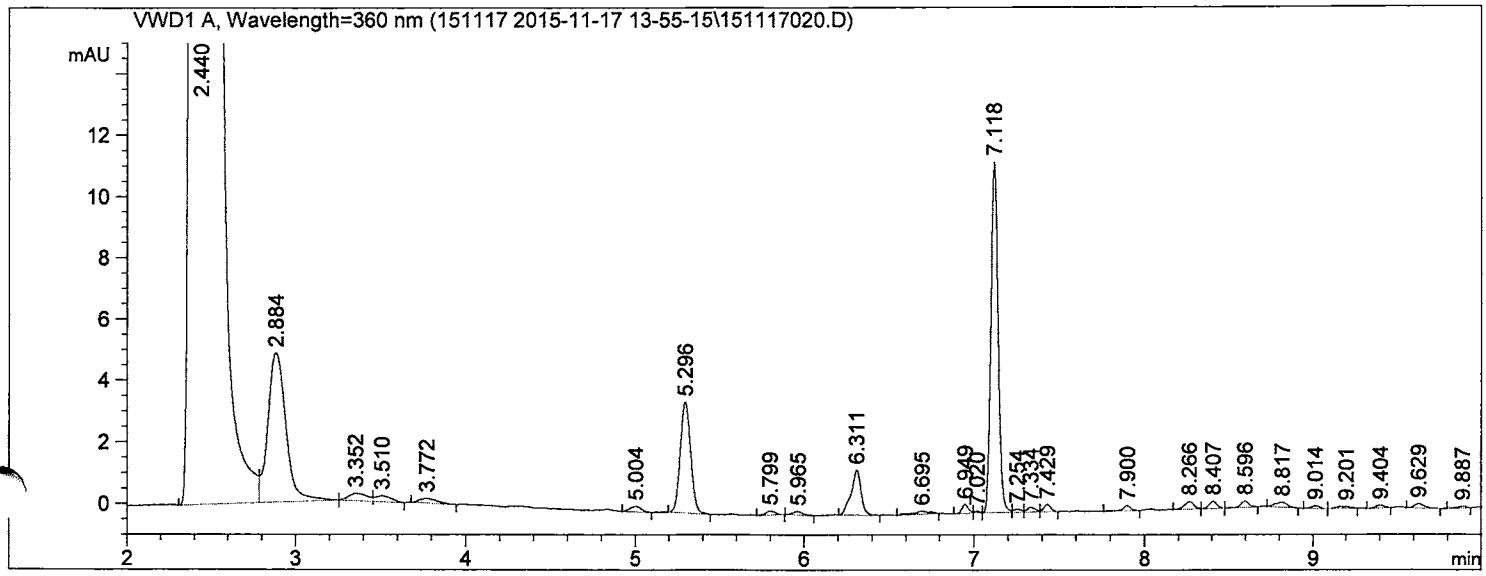
*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117020.D
Sample Name: 061-026-13

==========

Acq. Operator : SYSTEM Seq. Line : 18
Acq. Instrument : Agilent 1260 Location : Vial 17
Injection Date : 11/17/2015 7:12:39 PM Inj : 1
Inj Volume : 2.000 µl
Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-13; F6-03; 11/10/2015; 12172; 51.63L



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External Standard Report

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Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.296	1	BB	15.33667	1.48143e-2	454.40405		Formaldehyde;50-00-0
6.311	1	BB	6.02640	1.89429e-2	228.31461		Acetaldehyde;75-07-0

Totals : 682.71866

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*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117021.D
Sample Name: 061-026-14

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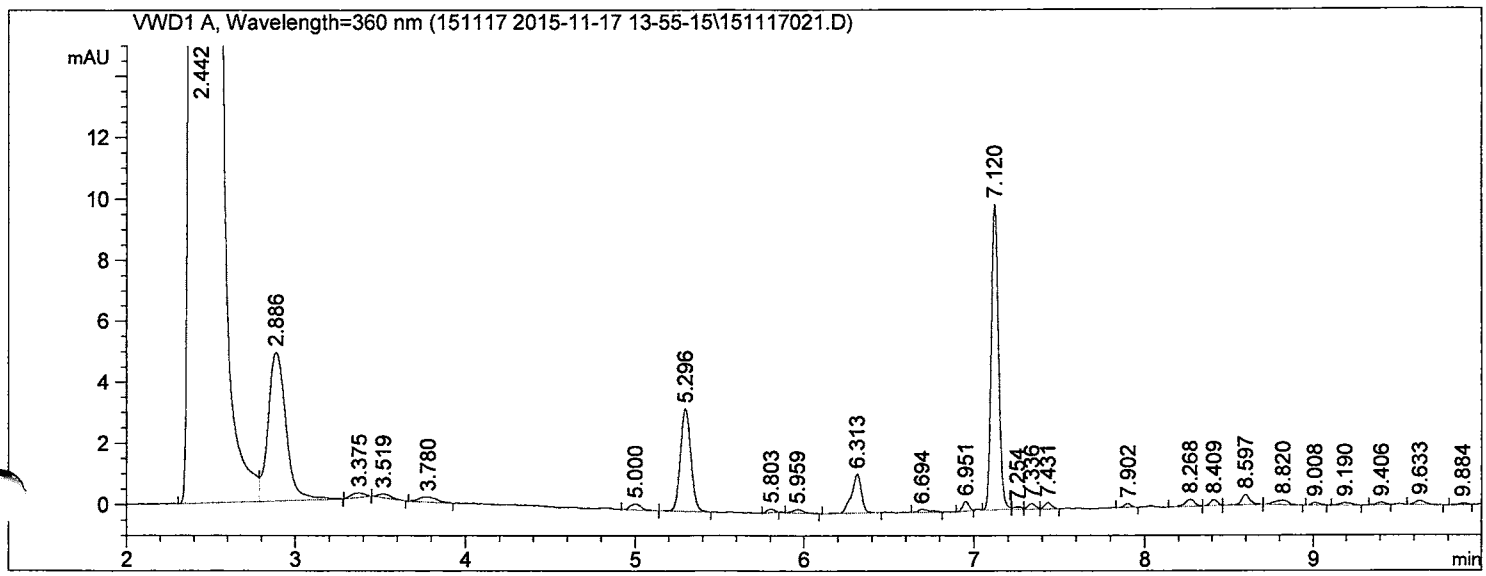
Acq. Operator : SYSTEM Seq. Line : 19
Acq. Instrument : Agilent 1260 Location : Vial 18
Injection Date : 11/17/2015 7:29:19 PM Inj : 1
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-14; F6-04; 11/10/2015; 12414; 55.24L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.296	1	BB	14.45167	1.48143e-2	428.18282		Formaldehyde;50-00-0
6.313	1	BB	5.23122	1.89429e-2	198.18877		Acetaldehyde;75-07-0

Totals : 626.37159

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*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117022.D
Sample Name: 061-026-15

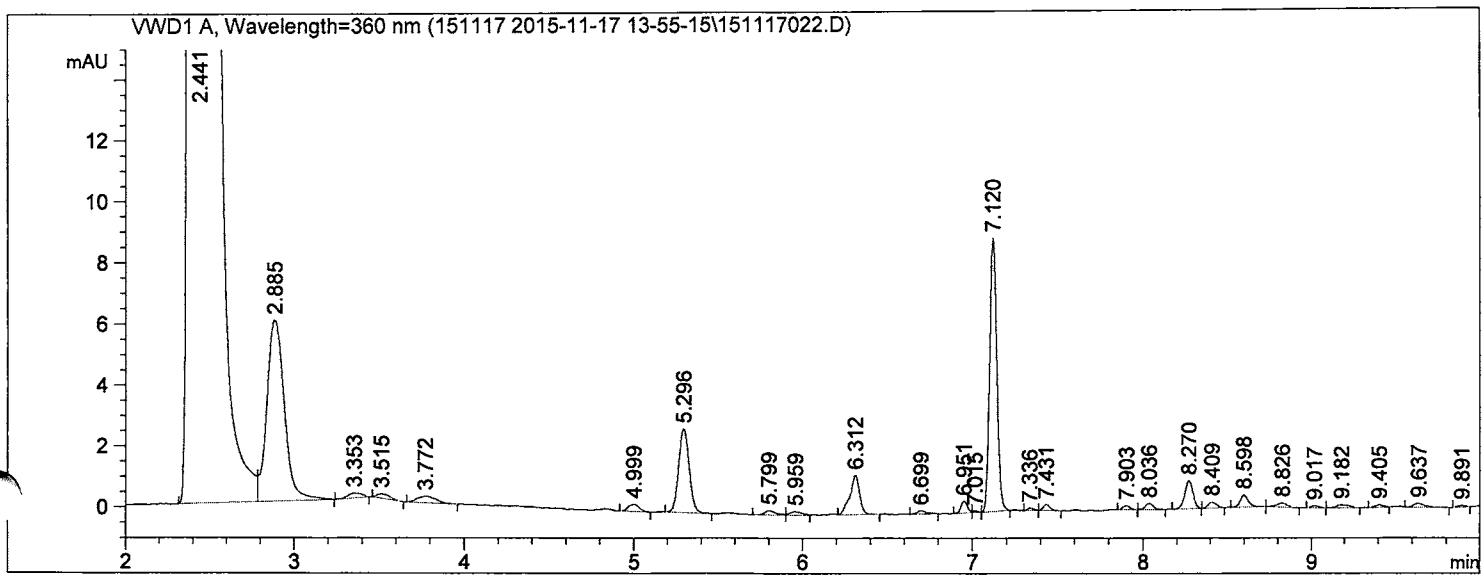
==========

Acq. Operator : SYSTEM
Acq. Instrument : Agilent 1260
Injection Date : 11/17/2015 7:46:00 PM

Seq. Line : 20
Location : Vial 19
Inj : 1
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-15; F6-05; 11/10/2015; 18333; 59.69L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.296	1	BB	11.86390	1.48143e-2	351.51094		Formaldehyde;50-00-0
6.312	1	VB	5.20744	1.89429e-2	197.28771		Acetaldehyde;75-07-0

Totals : 548.79864

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*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117023.D
Sample Name: 061-026-15

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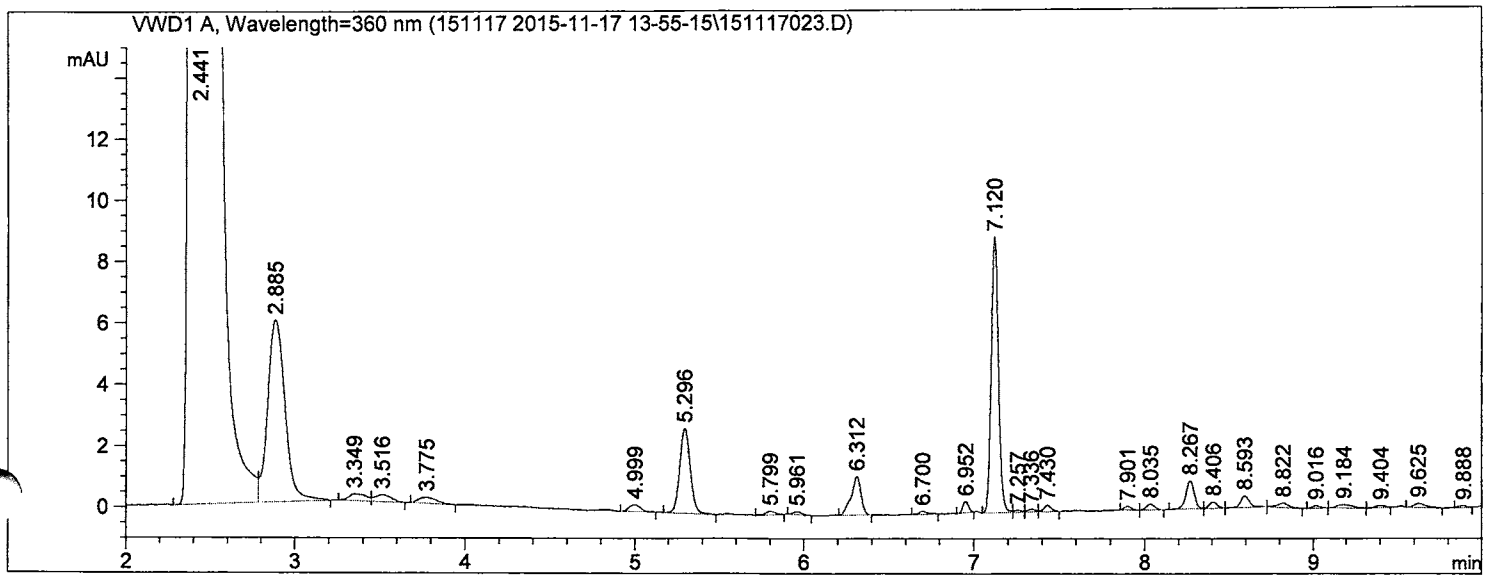
Acq. Operator : SYSTEM
Acq. Instrument : Agilent 1260
Injection Date : 11/17/2015 8:02:40 PM

Seq. Line : 20
Location : Vial 19
Inj : 2
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-15; F6-05; 11/10/2015; 18333; 59.69L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.296	1	BB	12.04458	1.48143e-2	356.86404		Formaldehyde;50-00-0
6.312	1	BB	5.05703	1.89429e-2	191.58936		Acetaldehyde;75-07-0

Totals : 548.45340

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*** End of Report ***

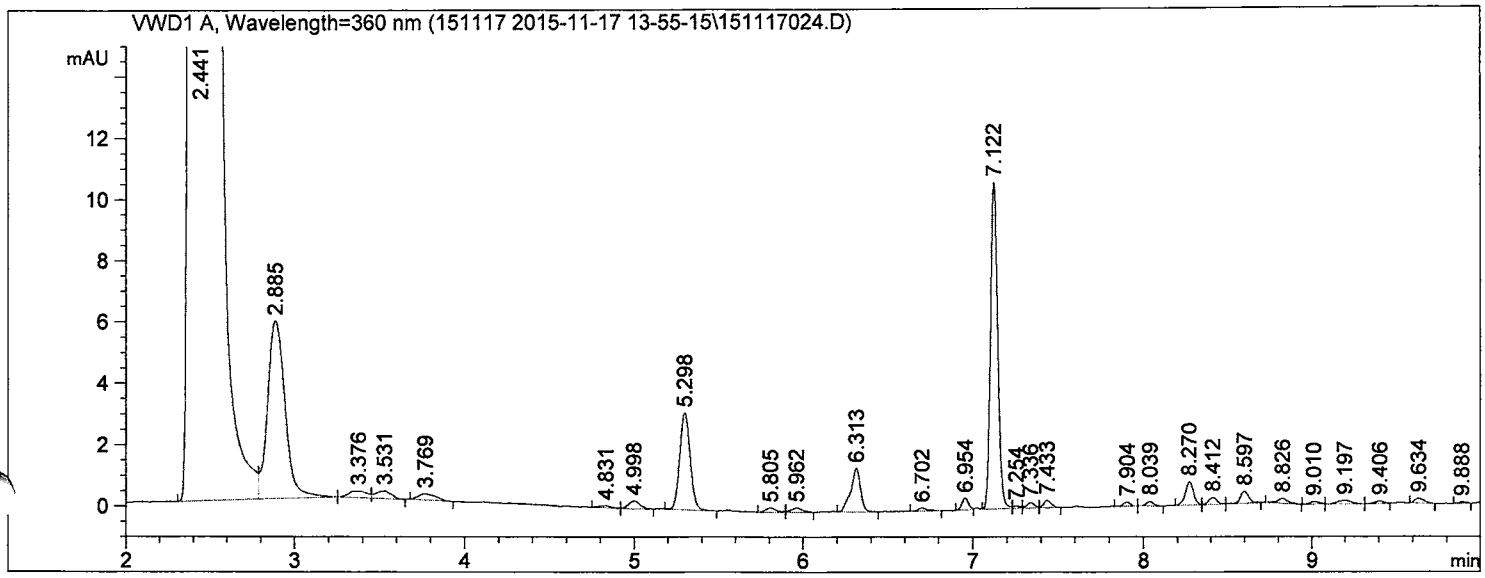
Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117024.D
Sample Name: 061-026-16

==========

Acq. Operator : SYSTEM
Seq. Line : 21
Acq. Instrument : Agilent 1260
Location : Vial 20
Injection Date : 11/17/2015 8:19:22 PM
Inj : 1
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-16; F6-06; 11/10/2015; 18448; 57.15L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.298	1	BB	13.55027	1.48143e-2	401.47558		Formaldehyde;50-00-0
6.313	1	VB	5.74473	1.89429e-2	217.64342		Acetaldehyde;75-07-0

Totals : 619.11899

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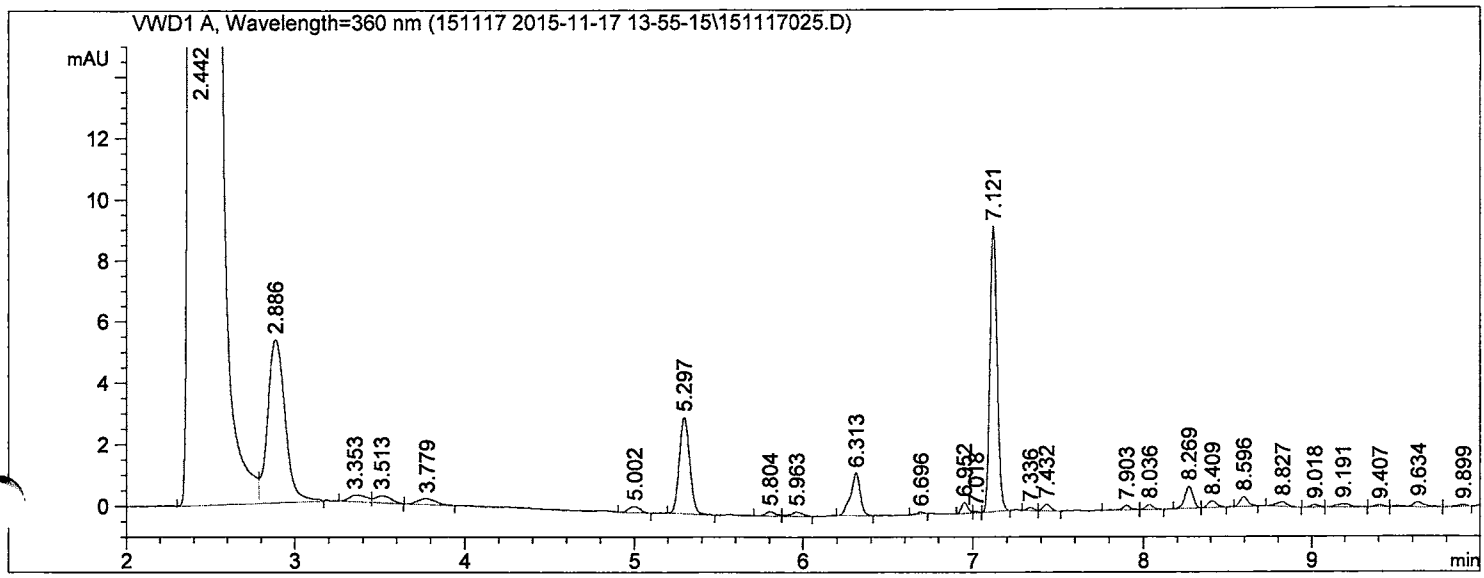
*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117025.D
Sample Name: 061-026-17

==========

Acq. Operator : SYSTEM
Seq. Line : 22
Acq. Instrument : Agilent 1260
Location : Vial 21
Injection Date : 11/17/2015 8:36:07 PM
Inj : 1
Inj Volume : 2.000 µl
Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-17; F6-07; 11/10/2015; 18163; 57.15L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.297	1	BB	13.41668	1.48143e-2	397.51750		Formaldehyde;50-00-0
6.313	1	BB	5.41611	1.89429e-2	205.19328		Acetaldehyde;75-07-0

Totals : 602.71078

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*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117026.D
Sample Name: 061-026-18

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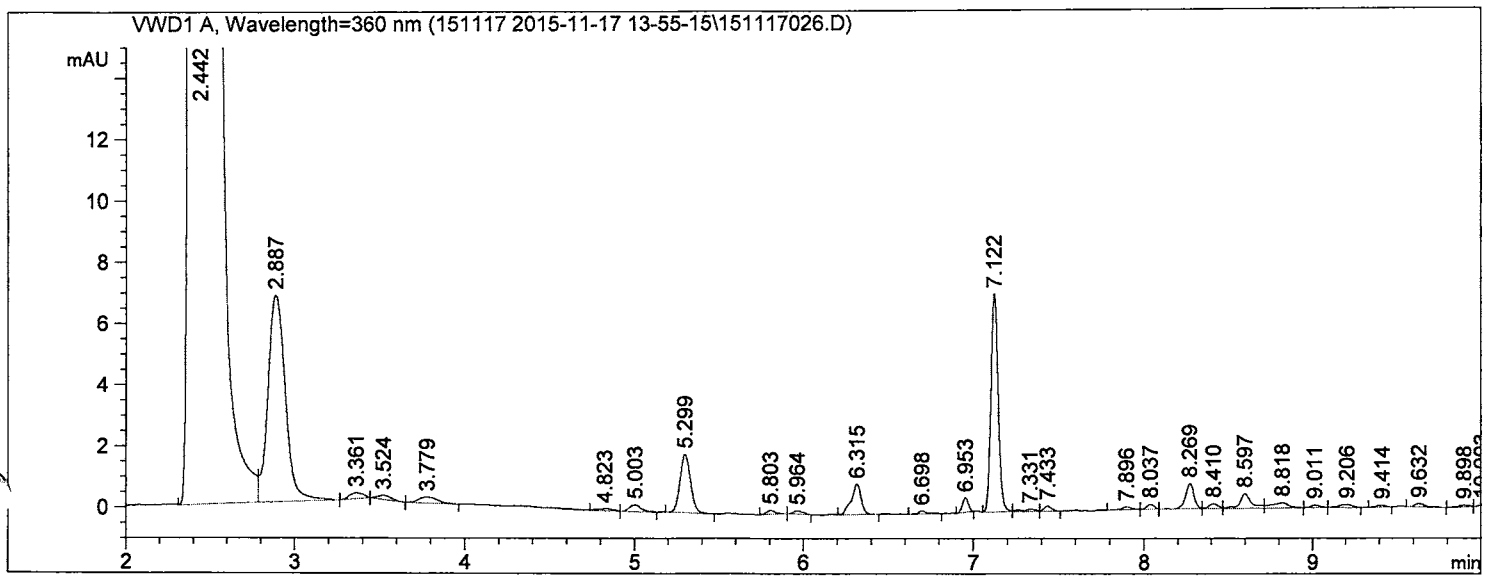
Acq. Operator : SYSTEM
Acq. Instrument : Agilent 1260
Injection Date : 11/17/2015 8:52:46 PM

Seq. Line : 23
Location : Vial 22
Inj : 1
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-18; F6-08; 11/10/2015; 17362; 45.61L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.299	1	BB	8.27491	1.48143e-2	245.17411		Formaldehyde;50-00-0
6.315	1	BB	3.96685	1.89429e-2	150.28692		Acetaldehyde;75-07-0

Totals : 395.46103

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*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117027.D
Sample Name: 061-026-19

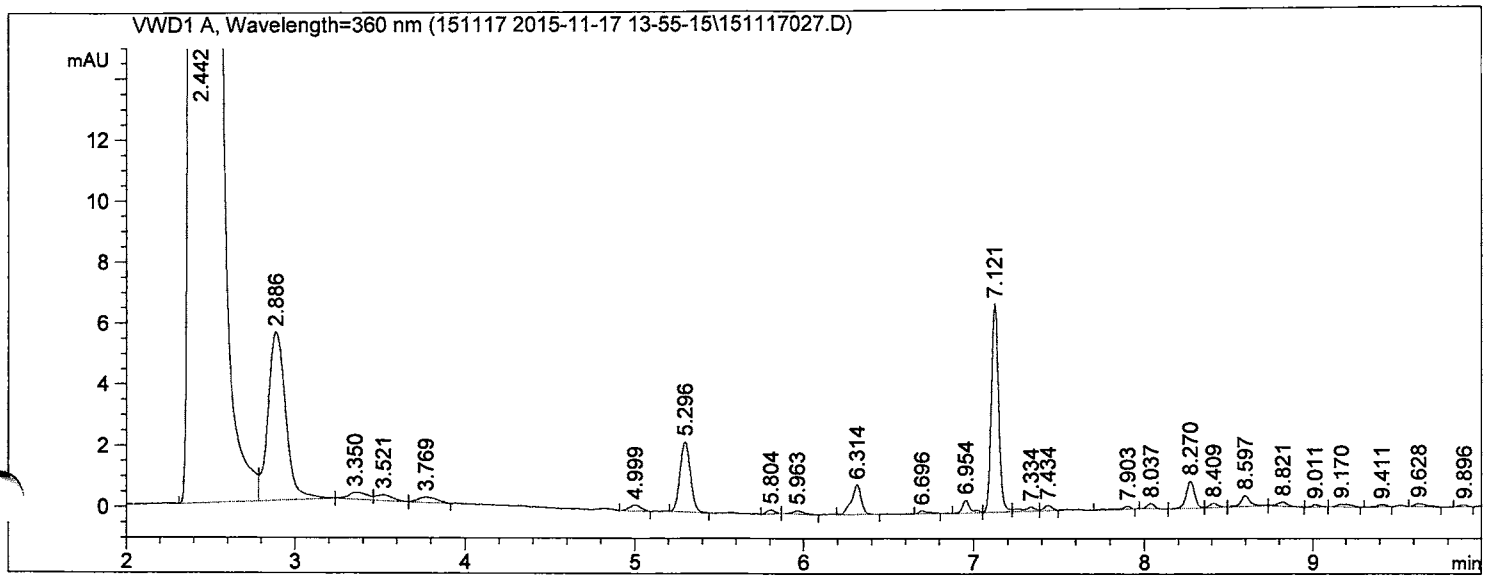
==========

Acq. Operator : SYSTEM
Acq. Instrument : Agilent 1260
Injection Date : 11/17/2015 9:09:25 PM

Seq. Line : 24
Location : Vial 23
Inj : 1
Inj Volume : 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-19; F6-09; 11/10/2015; 17355; 45.61L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.296	1	BB	9.70584	1.48143e-2	287.57035		Formaldehyde;50-00-0
6.314	1	BB	3.81018	1.89429e-2	144.35158		Acetaldehyde;75-07-0

Totals : 431.92193

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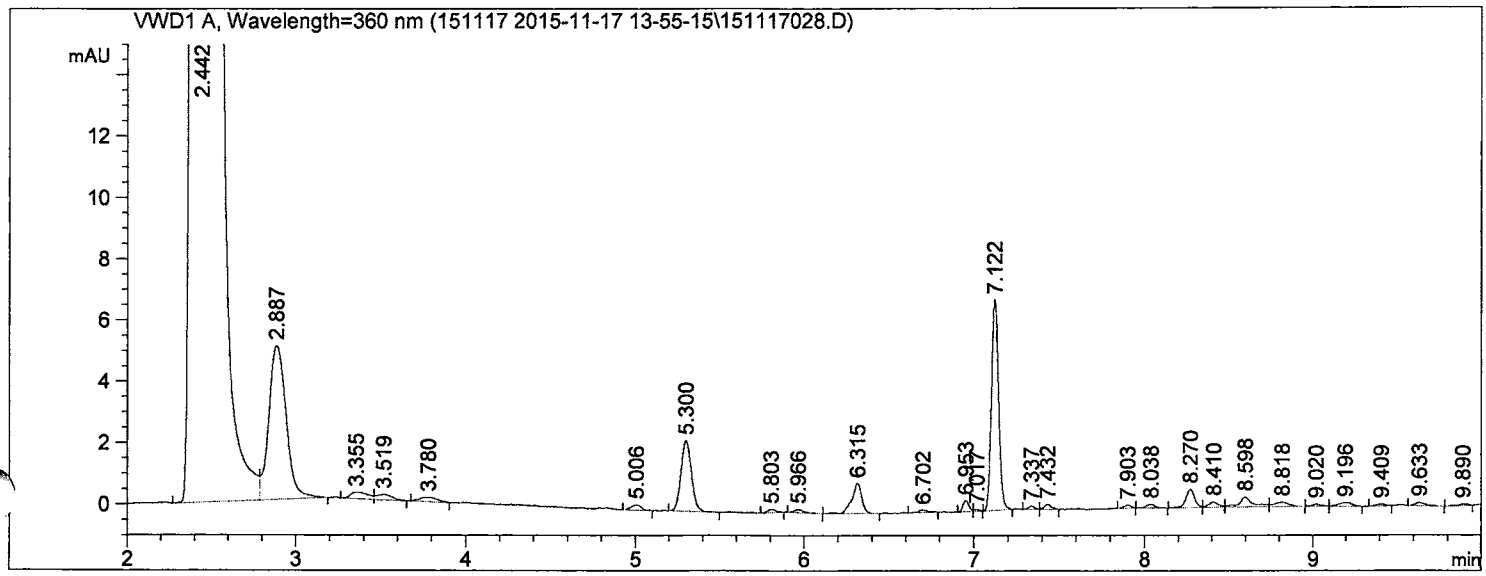
*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117028.D
Sample Name: 061-026-20

==========

Acq. Operator : SYSTEM Seq. Line : 25
Acq. Instrument : Agilent 1260 Location : Vial 24
Injection Date : 11/17/2015 9:26:05 PM Inj : 1
Inj Volume : 2.000 µl
Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-20; F6-10; 11/10/2015; 17141; 44.34L



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External Standard Report

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Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.300	1	BB	9.84809	1.48143e-2	291.78527		Formaldehyde;50-00-0
6.315	1	BB	4.07098	1.89429e-2	154.23211		Acetaldehyde;75-07-0

Totals : 446.01738

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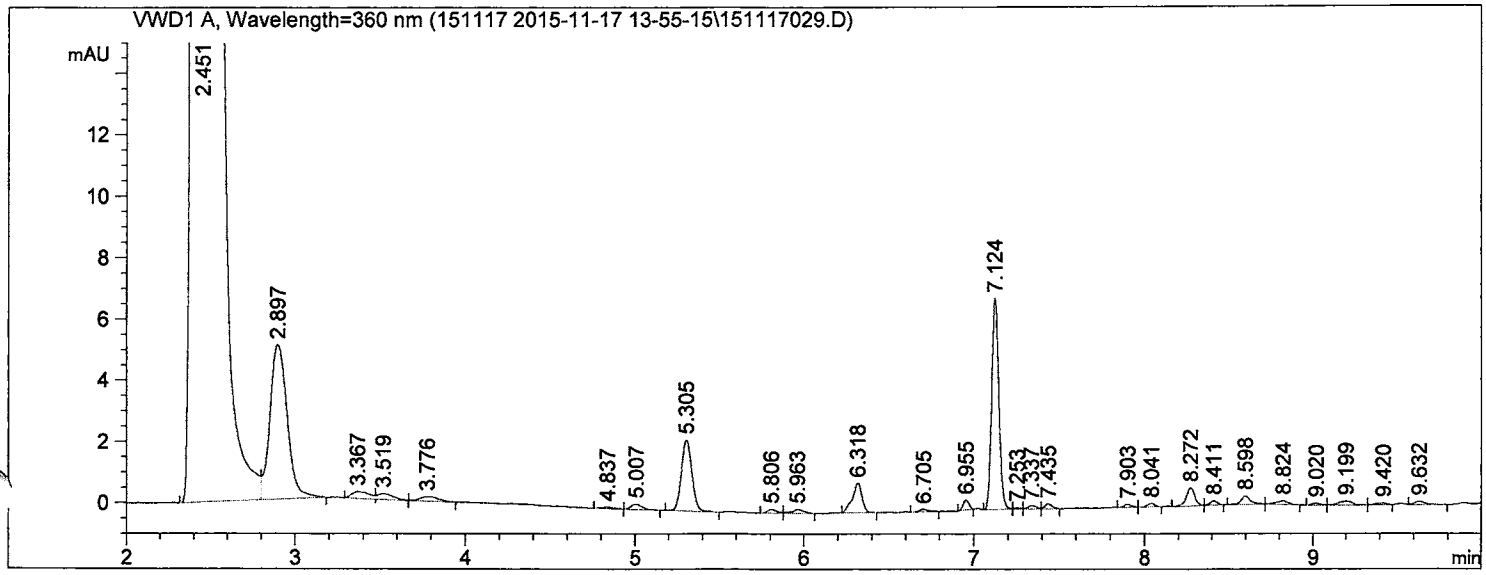
*** End of Report ***

Data File C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\151117029.D
Sample Name: 061-026-20

Acq. Operator	: SYSTEM	Seq. Line	: 25
Acq. Instrument	: Agilent 1260	Location	: Vial 24
Injection Date	: 11/17/2015 9:43:24 PM	Inj	: 2
		Inj Volume	: 2.000 µl

Acq. Method : C:\CHEM32\1\DATA\151117 2015-11-17 13-55-15\FORMALDEHYDE.M
Last changed : 11/17/2015 1:55:15 PM by SYSTEM
Analysis Method : C:\CHEM32\1\METHODS\FORMALDEHYDE.M
Last changed : 11/18/2015 10:16:22 AM by SYSTEM
(modified after loading)
Method Info : 2.1*100; 2.7um poroshell 120 EC-C18 column;

Sample Info : US EPA 061-026-20; F6-10; 11/10/2015; 17141; 44.34L



External Standard Report

Sorted By : Retention Time
Calib. Data Modified : 10/20/2015 10:18:21 AM
Multiplier : 2.000e3
Dilution : 1.0000
Sample Amount: : 1.00000 [ng] (not used in calc.)
Use Multiplier & Dilution Factor with ISTDs

Signal 1: VWD1 A, Wavelength=360 nm

RetTime [min]	Sig	Type	Area [mAU*s]	Amt/Area	Amount [ng]	Grp	Name
5.305	1	BB	10.02969	1.48143e-2	297.16576		Formaldehyde;50-00-0
6.318	1	BB	3.80060	1.89429e-2	143.98859		Acetaldehyde;75-07-0
Totals :					441.15435		

*** End of Report ***

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_18.D
Acq On : 14 Nov 2015 1:37 am
Operator : rgill
Sample : US EPA_061-026-01; C6-01; 19416, 5.38L
Misc : Mi51174;107ngBFB;10:1 split
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 18 10:53:07 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	886745	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D. d	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D.	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	73191	34.01 ng	91
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D.	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D. d
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D. d
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D. d
89)	DPGME isomer 3; 34590-...	0.000	0	N.D. d
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D.
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D.
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D.
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:53:11 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_19.D
Acq On : 14 Nov 2015 2:24 am
Operator : rgill
Sample : US EPA_061-026-02; C6-02; 12333, 5.32L
Misc : Mi51152;107ngBFB;10:1 split
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 18 10:54:11 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	872720	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D. d	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	77945	36.82 ng	92
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D. d	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D.	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D. d
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D. d
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D. d
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D.
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:54:14 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_20.D
Acq On : 14 Nov 2015 3:11 am
Operator : rgill
Sample : US EPA_061-026-03; C6-03; 12172, 5.3L
Misc : Mi51198;107ngBFB;10:1 split
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 18 10:55:11 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	909957	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D. d	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D. d	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	87021	39.44 ng	94
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D. d	
41) Vinyl acetate; 108-05-4	0.000		0	N.D. d	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D.	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D. d
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D. d
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D. d
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D. d
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D. d
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D.
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D. d
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:55:14 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_21.D
Acq On : 14 Nov 2015 3:57 am
Operator : rgill
Sample : US EPA_061-026-04; C6-04; 12414, 5.7L
Misc : Mi59936;107ngBFB;10:1 split
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 18 10:56:12 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	892932	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.700	113	38487	17.72 ng	97
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D.	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D.	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D.	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D.
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D.
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D.
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D.
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D.
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D.
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D.
95)	Octanoic acid; 124-07-2	0.000	0	N.D.
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:56:15 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_22.D
Acq On : 14 Nov 2015 4:42 am
Operator : rgill
Sample : US EPA_061-026-05; C6-05; 18333, 6.25L
Misc : Mi59939;107ngBFB;10:1 split
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 18 10:57:14 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	864379	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D. d	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.690	113	99088	47.33 ng	93
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D. d	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D. d
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D. d
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:57:18 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_23.D
Acq On : 14 Nov 2015 5:28 am
Operator : rgill
Sample : US EPA_061-026-06; C6-06; 18448, 6.09L
Misc : Mi59926;107ngBFB;10:1 split
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 18 10:58:24 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	902042	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D. d	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.690	113	109258	50.02 ng	94
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D. d	
41) Vinyl acetate; 108-05-4	0.000		0	N.D. d	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D.
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D. d
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D. d
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D. d
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:58:28 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_24.D
Acq On : 14 Nov 2015 6:15 am
Operator : rgill
Sample : US EPA_061-026-07; C6-07; 18163, 6.1L
Misc : Mi51135;107ngBFB;10:1 split
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 18 10:59:24 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	887765	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D. d	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D. d	
12) 1,2,4-Trimethylbenzene...	**0.000**		**0**	**N.D. d**	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	**0.000**		**0**	**N.D.**	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D. d	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	100078	46.54 ng	94
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	**0.000**		**0**	**N.D. d**	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	**0.000**		**0**	**N.D.**	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D. d	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D. d
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D.
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D. d
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D. d
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D. d
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D. d
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D. d
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D. d
89)	DPGME isomer 3; 34590-...	0.000	0	N.D. d
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D. d
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D. d
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D. d
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 10:59:28 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_25.D
Acq On : 14 Nov 2015 7:01 am
Operator : rgill
Sample : US EPA_061-026-08; C6-08; 17362, 4.71L
Misc : Mi59933;107ngBFB;10:1 split
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 18 11:00:19 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	895791	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	62617	28.79 ng	96
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D.	
41) Vinyl acetate; 108-05-4	0.000		0	N.D. d	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D.
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D.
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D.
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D.
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D. d
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D.
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D.
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D.
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 11:00:23 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_26.D
Acq On : 14 Nov 2015 7:48 am
Operator : rgill
Sample : US EPA_061-026-09; C6-09; 17355, 4.66L
Misc : Mi588836;107ngBFB;10:1 split
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 18 11:01:17 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	880765	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	104866	49.17 ng	95
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D.	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D.
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D.
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D.
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	Dodecamethylpentasilox...	0.000	0	N.D.
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	1,3-Dichloro-2-propano...	0.000	0	N.D.
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	1,1'-Oxybis-2-propanol...	0.000	0	N.D. d
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	2,2'-Oxybis(1-propanol...	0.000	0	N.D. d
94)	2-(2-Hydroxypropoxy)1-...	0.000	0	N.D. d
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	1-Dodecanamine, N,N-di...	0.000	0	N.D.
100)	3-Methyl-1,1'-biphenyl...	0.000	0	N.D.
101)	TXIB; 6846-50-0	0.000	0	N.D. d

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

Desorb_Merged_2015.M Wed Nov 18 11:01:20 2015

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\2015\Nov\
Data File : T151113_27.D
Acq On : 14 Nov 2015 8:34 am
Operator : rgill
Sample : US EPA_061-026-10; C6-10; 17141, 4.71L
Misc : Mi51192;107ngBFB;10:1 split
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 18 11:02:08 2015
Quant Method : \\Ba-fs1\RESOURCES\GCMSFILE\METHODS\5975 Methods\Y2K15\Desorb_Merged_2015.M
Quant Title : AB95168
QLast Update : Wed Jul 29 18:05:39 2015
Response via : Initial Calibration

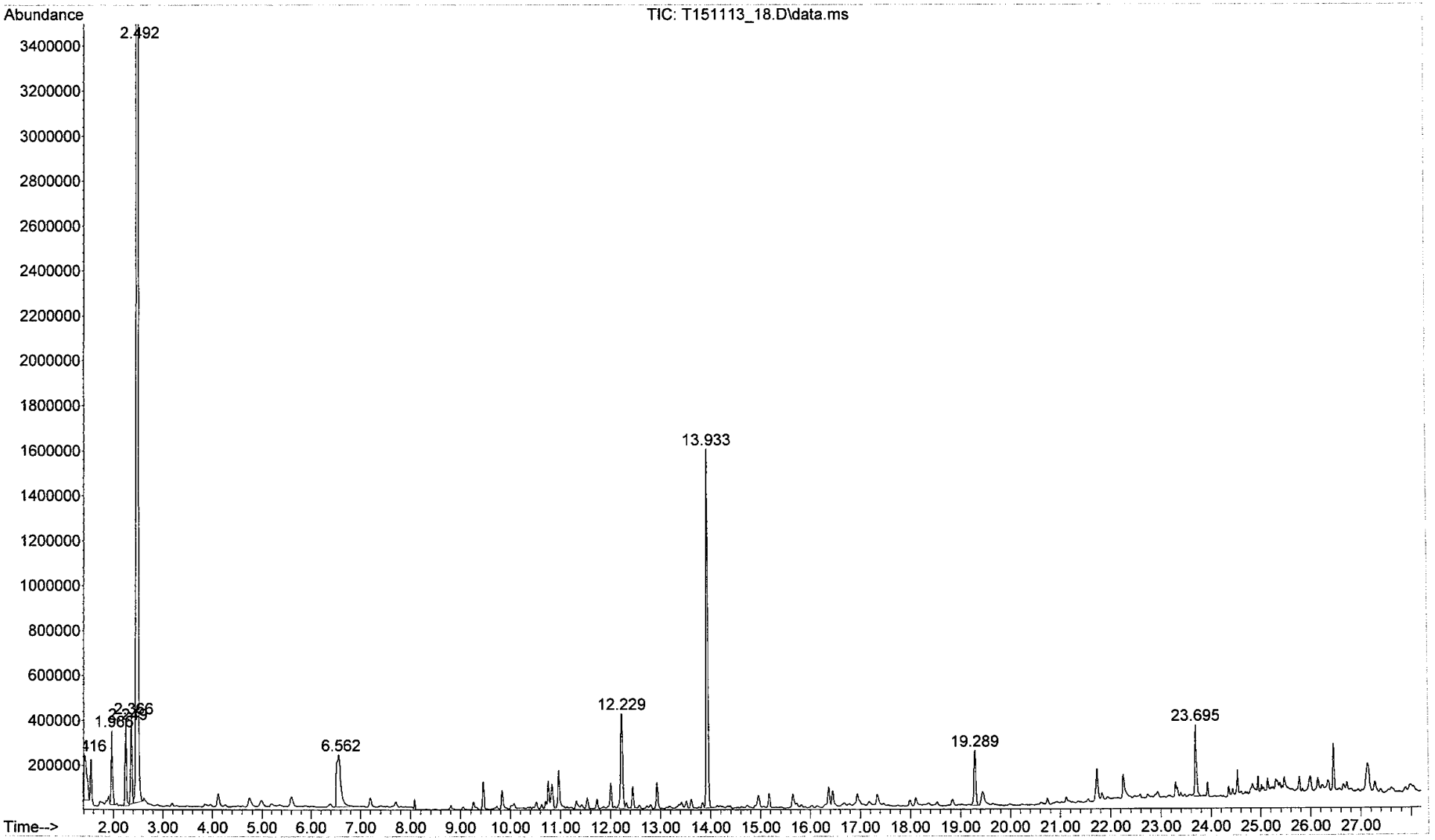
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	0.00
22) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	# 0.00
33) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	# 0.00
50) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	# 0.00
60) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	# 0.00
82) 1-Bromo-4-flourobenzen...	13.933	95	892611	107.00 ng	# 0.00
Target Compounds					Qvalue
2) Trichloroethene;79-01-6	0.000		0	N.D.	
3) Methyl methacrylate; 8...	0.000		0	N.D.	
4) Toluene; 108-88-3	0.000		0	N.D. d	
5) Tetrachloroethene; 127...	0.000		0	N.D.	
6) N,N-Dimethylformamide;...	0.000		0	N.D.	
7) Ethylbenzene; 100-41-4	0.000		0	N.D. d	
8) Xylene {1}; 108-38-3	0.000		0	N.D. d	
9) Xylene {2}; 95-47-6	0.000		0	N.D. d	
10) Xylene - TOTAL; 1330-20-7	0.000		0	N.D.	
11) Styrene; 100-42-5	0.000		0	N.D.	
12) 1,2,4-Trimethylbenzene...	0.000		0	N.D. d	
13) Octanal; 124-13-0	0.000		0	N.D. d	
14) Phenol; 108-95-2	0.000		0	N.D. d	
15) 1-Phenylethanone; 98-86-2	0.000		0	N.D. d	
16) 1-Methyl-2-pyrrolidino...	0.000		0	N.D.	
17) Nonanal; 124-19-6	0.000		0	N.D. d	
18) 2-Ethylhexanoic acid; ...	0.000		0	N.D. d	
19) Naphthalene; 91-20-3	0.000		0	N.D.	
20) 4-Phenylcyclohexene; 4...	0.000		0	N.D.	
21) Caprolactam; 105-60-2	23.695	113	95554	44.18 ng	91
23) 1-Methoxy-2-propanol; ...	0.000		0	N.D.	
24) Ethylene glycol; 107-21-1	0.000		0	N.D. d	
25) Butyl acetate; 123-86-4	0.000		0	N.D. d	
26) Propylene glycol; 57-55-6	0.000		0	N.D. d	
27) 2-Butoxyethanol; 111-76-2	0.000		0	N.D. d	
28) Hexanoic acid; 142-62-1	0.000		0	N.D. d	
29) 2-Ethyl-1-hexanol; 104...	0.000		0	N.D. d	
30) 2-(2-Butoxyethoxy) eth...	0.000		0	N.D. d	
31) Dodecanol; 112-53-8	0.000		0	N.D. d	
32) Butylated hydroxytolue...	0.000		0	N.D.	
34) n-Pentane; 109-66-0	0.000		0	N.D. d	
35) Ethanol; 64-17-5	0.000		0	N.D. d	
36) 2-Propanone(acetone); ...	0.000		0	N.D. d	
37) 2-Propanol; 67-63-0	0.000		0	N.D. d	
38) Carbon disulfide; 75-15-0	0.000		0	N.D.	
39) Dichloromethane; 75-09-2	0.000		0	N.D. d	
40) n-Hexane; 110-54-3	0.000		0	N.D.	
41) Vinyl acetate; 108-05-4	0.000		0	N.D.	
42) 2-Butanone; 78-93-3	0.000		0	N.D. d	
43) Ethyl acetate; 141-78-6	0.000		0	N.D. d	
44) Cyclohexane; 110-82-7	0.000		0	N.D. d	

45)	Benzene; 71-43-2	0.000	0	N.D. d
46)	2-Methyl-1-propanol; 7...	0.000	0	N.D.
47)	1-Butanol; 71-36-3	0.000	0	N.D. d
48)	1,4-Dioxane; 123-91-1	0.000	0	N.D.
49)	Epichlorohydrin; 106-89-8	0.000	0	N.D.
51)	n-Butanal;123-72-8	0.000	0	N.D.
52)	Pentanal; 110-62-3	0.000	0	N.D. d
53)	4-Methyl-2-pentanone; ...	0.000	0	N.D. d
54)	Hexanal; 66-25-1	0.000	0	N.D. d
55)	2-Furancarboxaldehyde;...	0.000	0	N.D.
56)	4-Heptanone; 123-19-3	0.000	0	N.D. d
57)	2-Heptanone; 110-43-0	0.000	0	N.D. d
58)	Heptanal; 111-71-7	0.000	0	N.D. d
59)	Benzaldehyde; 100-52-7	0.000	0	N.D. d
61)	Octane; 111-65-9	0.000	0	N.D. d
62)	n-Nonane; 111-84-2	0.000	0	N.D. d
63)	alpha-Pinene; 7785-70-8	0.000	0	N.D. d
64)	Cyclohexanone; 108-94-1	0.000	0	N.D.
65)	Camphene; 5794-03-6	0.000	0	N.D. d
66)	beta-Pinene; 19902-08-0	0.000	0	N.D.
67)	n-Decane; 124-18-5	0.000	0	N.D. d
68)	.alpha.-Methylstyrene;...	0.000	0	N.D.
69)	3-Carene; 13466-78-9	0.000	0	N.D.
70)	d-Limonene; 5989-27-5	0.000	0	N.D. d
71)	p-Cymene; 99-87-6	0.000	0	N.D.
72)	1-Undecene; 821-95-4	0.000	0	N.D.
73)	n-Undecane; 1120-21-4	0.000	0	N.D.
74)	n-Dodecane; 112-40-3	0.000	0	N.D. d
75)	**Dodecamethylpentasilox...**	**0.000**	**0**	**N.D.**
76)	n-Tridecane; 629-50-5	0.000	0	N.D.
77)	Benzothiazole; 95-16-9	0.000	0	N.D.
78)	n-Tetradecane; 629-59-4	0.000	0	N.D. d
79)	n-Pentadecane; 629-62-9	0.000	0	N.D. d
80)	n-Hexadecane; 544-76-3	0.000	0	N.D. d
81)	n-Heptadecane; 629-78-7	0.000	0	N.D. d
83)	Propyl acetate; 109-60-4	0.000	0	N.D.
84)	Isobutyl acetate;110-19-0	0.000	0	N.D. d
85)	PGMEA; 108-65-6	0.000	0	N.D. d
86)	**1,3-Dichloro-2-propano...**	**0.000**	**0**	**N.D.**
87)	DPGME isomer 1; 34590-...	0.000	0	N.D.
88)	DPGME isomer 2; 34590-...	0.000	0	N.D.
89)	DPGME isomer 3; 34590-...	0.000	0	N.D.
90)	**1,1'-Oxybis-2-propanol...**	**0.000**	**0**	**N.D.**
91)	Benzenemethanol; 100-51-6	0.000	0	N.D.
92)	Propylene carbonate; 1...	0.000	0	N.D.
93)	**2,2'-Oxybis(1-propanol...**	**0.000**	**0**	**N.D. d**
94)	**2-(2-Hydroxypropoxy)1-...**	**0.000**	**0**	**N.D. d**
95)	Octanoic acid; 124-07-2	0.000	0	N.D. d
96)	alpha-Terpineol; 10482...	0.000	0	N.D.
97)	Texanol 1; 25265-77-4-IS1	0.000	0	N.D. d
98)	Texanol 3; 25265-77-4-IS3	0.000	0	N.D. d
99)	**1-Dodecanamine, N,N-di...**	**0.000**	**0**	**N.D.**
100)	**3-Methyl-1,1'-biphenyl...**	**0.000**	**0**	**N.D.**
101)	TXIB; 6846-50-0	0.000	0	N.D. d

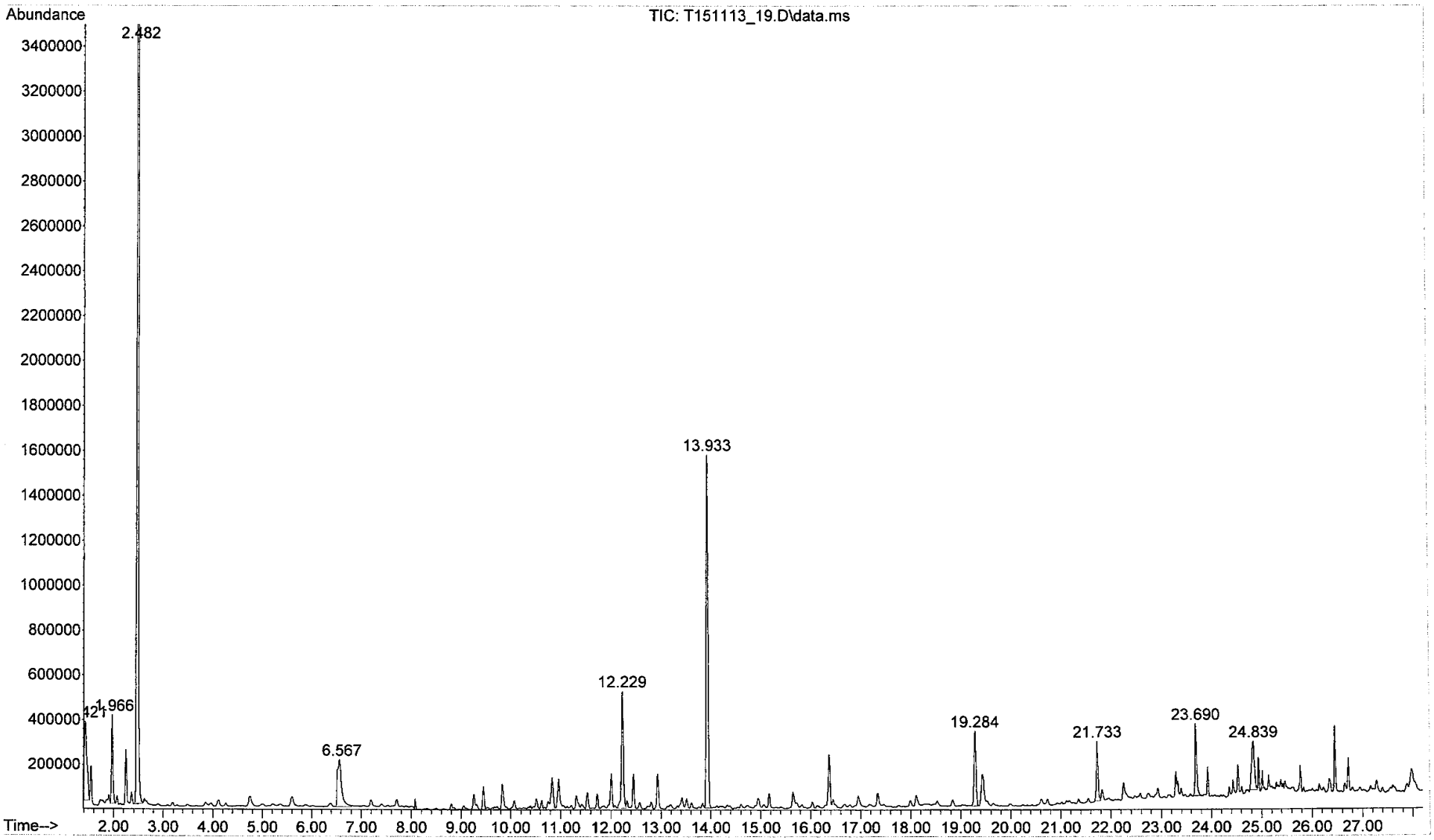
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Desorb_Merged_2015.M Wed Nov 18 11:02:11 2015

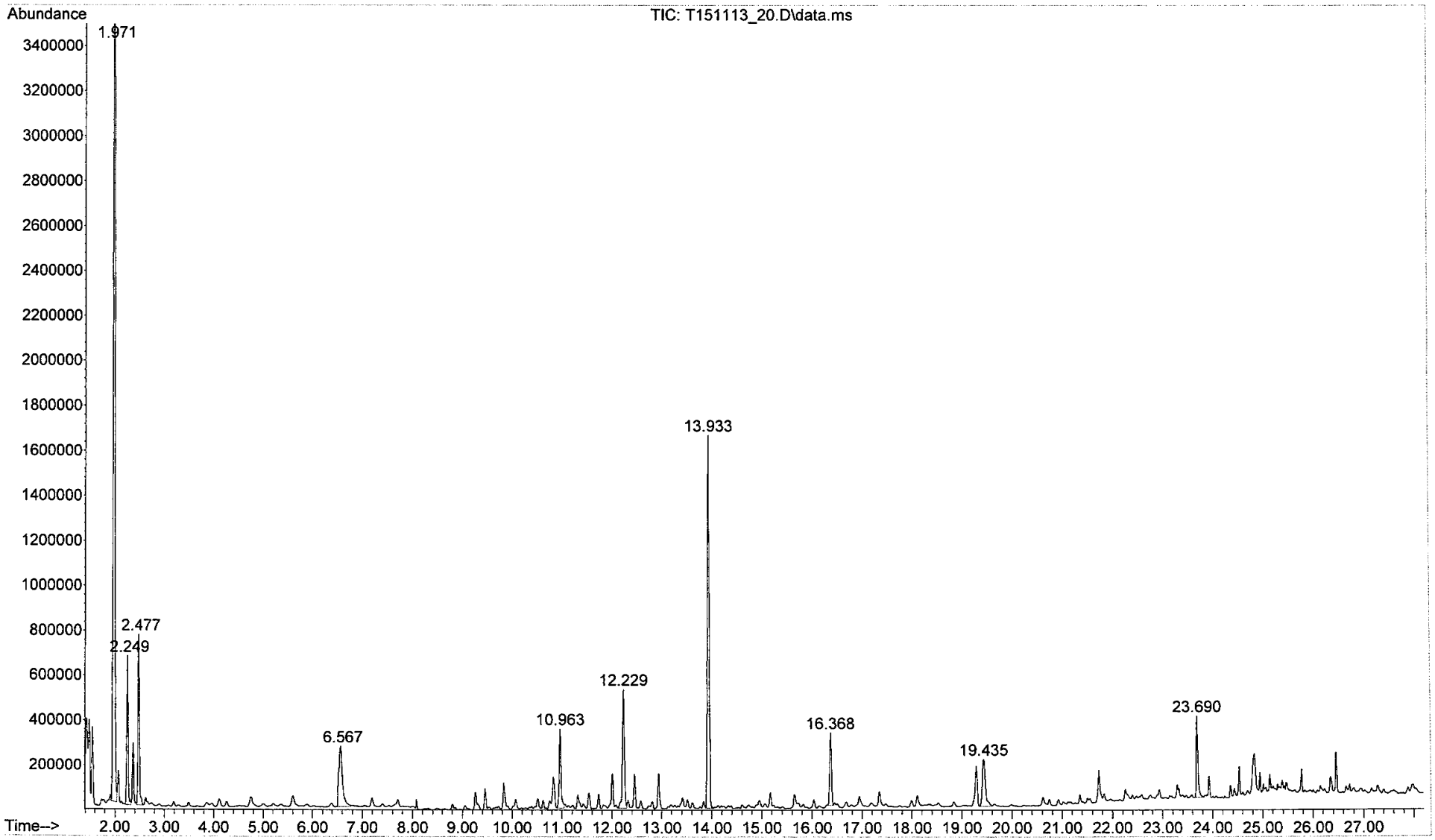
File :C:\msdchem\1\data\2015\Nov\T151113_18.D
Operator : rgill
Acquired : 14 Nov 2015 1:37 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-01; C6-01; 19416, 5.38L
Misc Info : Mi51174;107ngBFB;10:1 split
Vial Number: 18



File :C:\msdchem\1\data\2015\Nov\T151113_19.D
Operator : rgill
Acquired : 14 Nov 2015 2:24 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-02; C6-02; 12333, 5.32L
Misc Info : Mi51152;107ngBFB;10:1 split
Vial Number: 19



File :C:\msdchem\1\data\2015\Nov\T151113_20.D
Operator : rgill
Acquired : 14 Nov 2015 3:11 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-03; C6-03; 12172, 5.3L
Misc Info : Mi51198;107ngBFB;10:1 split
Vial Number: 20



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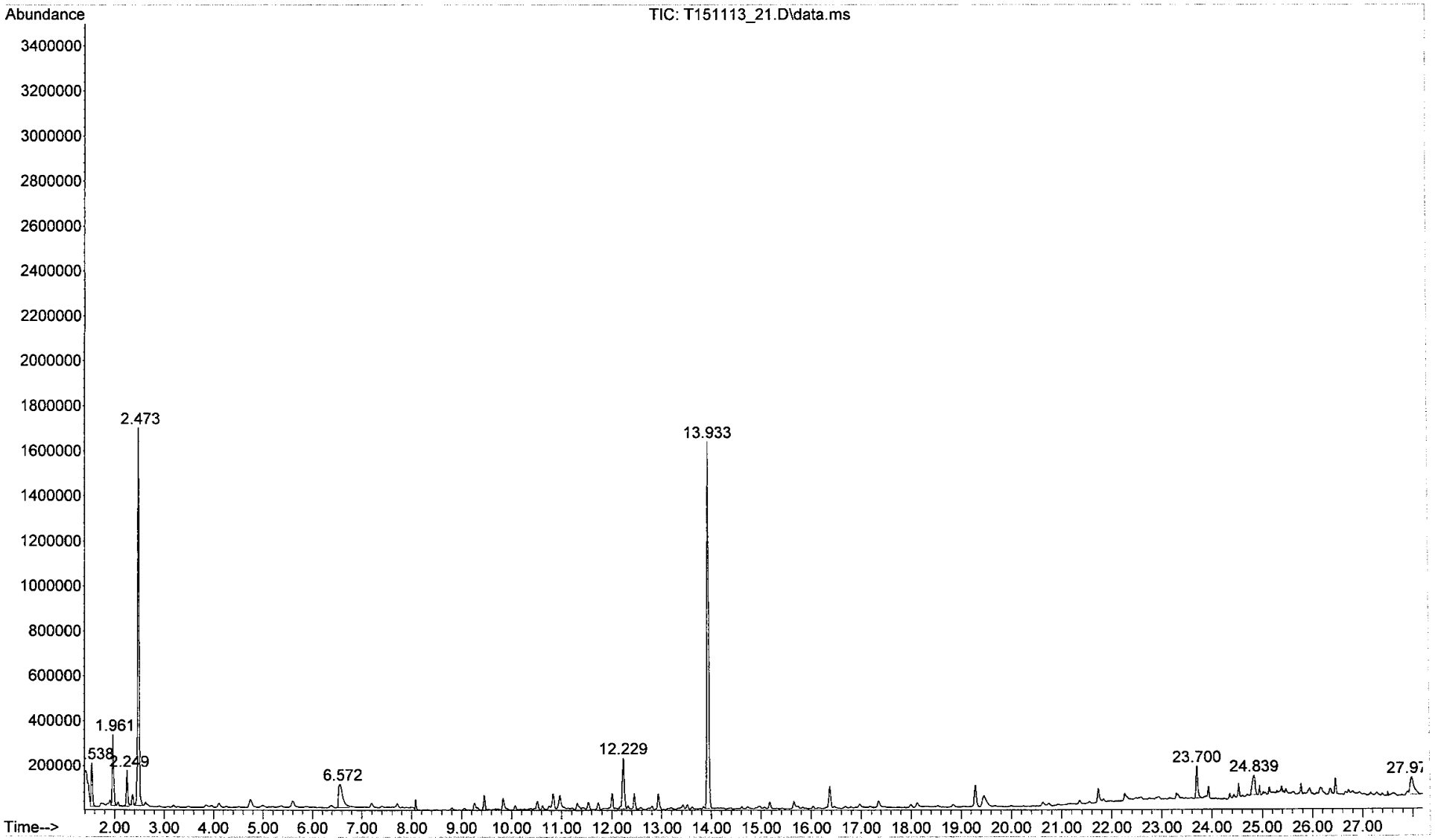
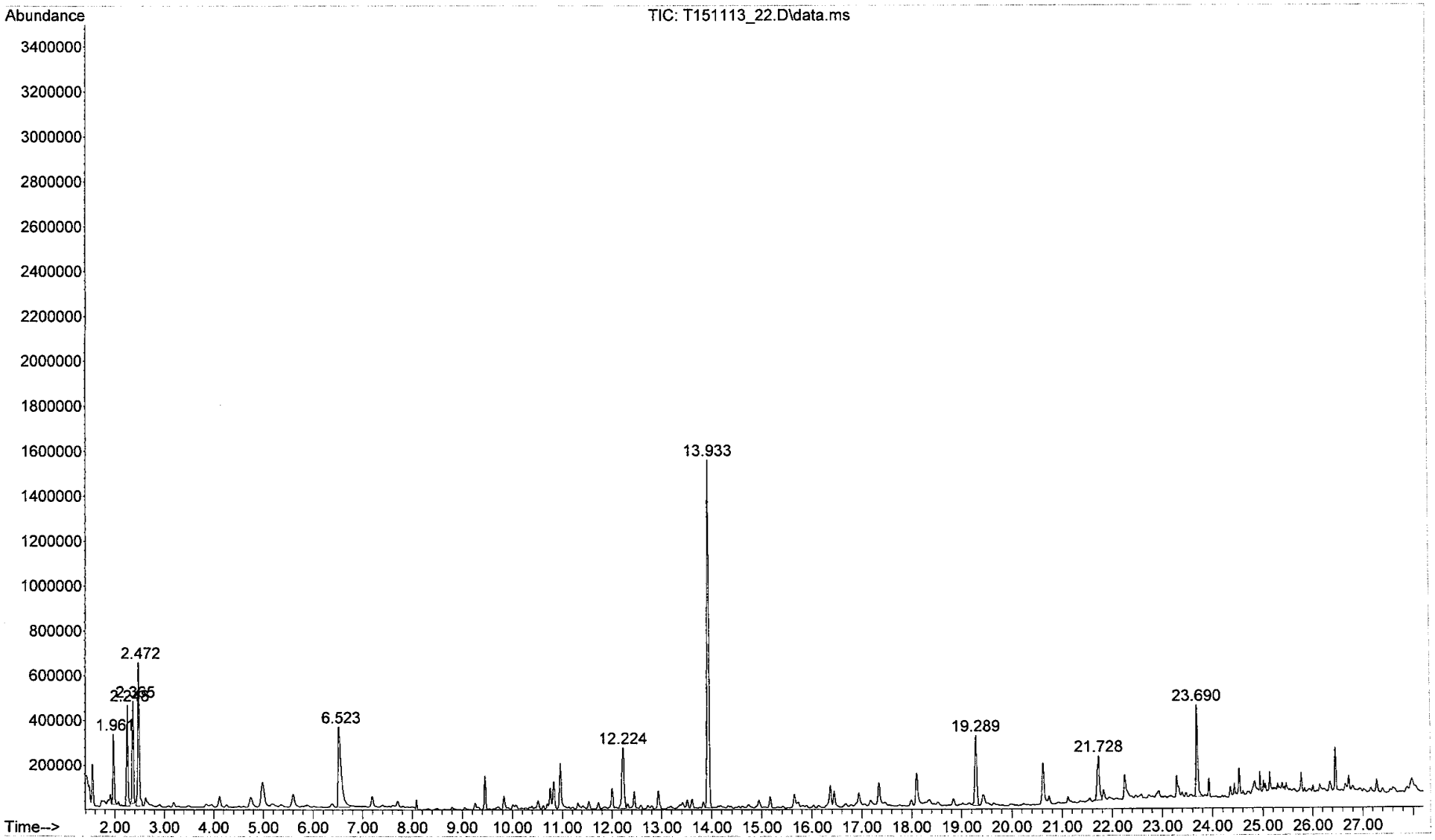
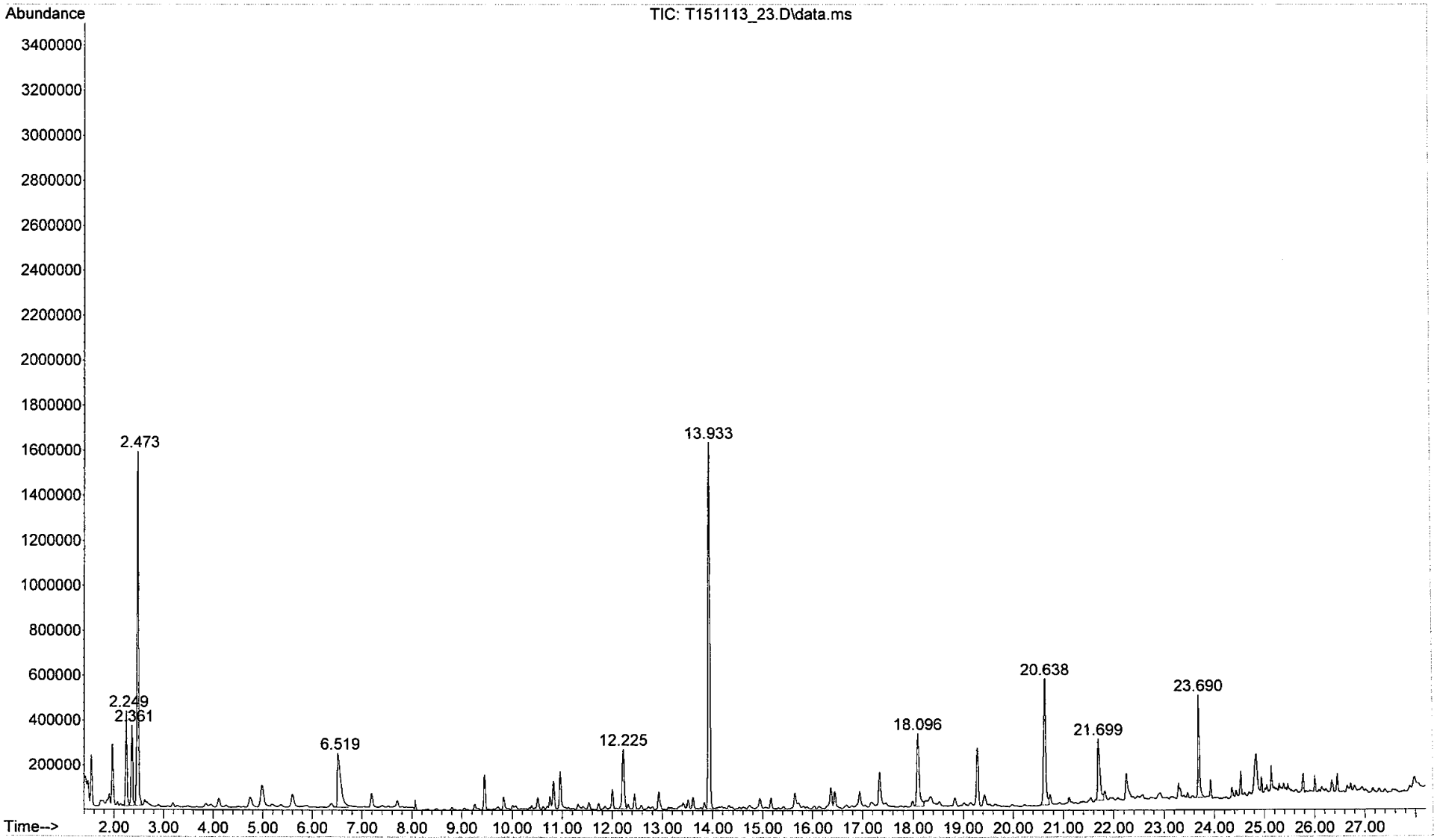
File        :C:\msdchem\1\data\2015\Nov\T151113_21.D
Operator    : rgill
Acquired    : 14 Nov 2015   3:57 am using AcqMethod 130812VOC.M
Instrument :   GCMS_7890
Sample Name: US EPA_061-026-04; C6-04; 12414,  5.7L
Misc Info   : Mi59936;107ngBFB;10:1 split
Vial Number: 21
```



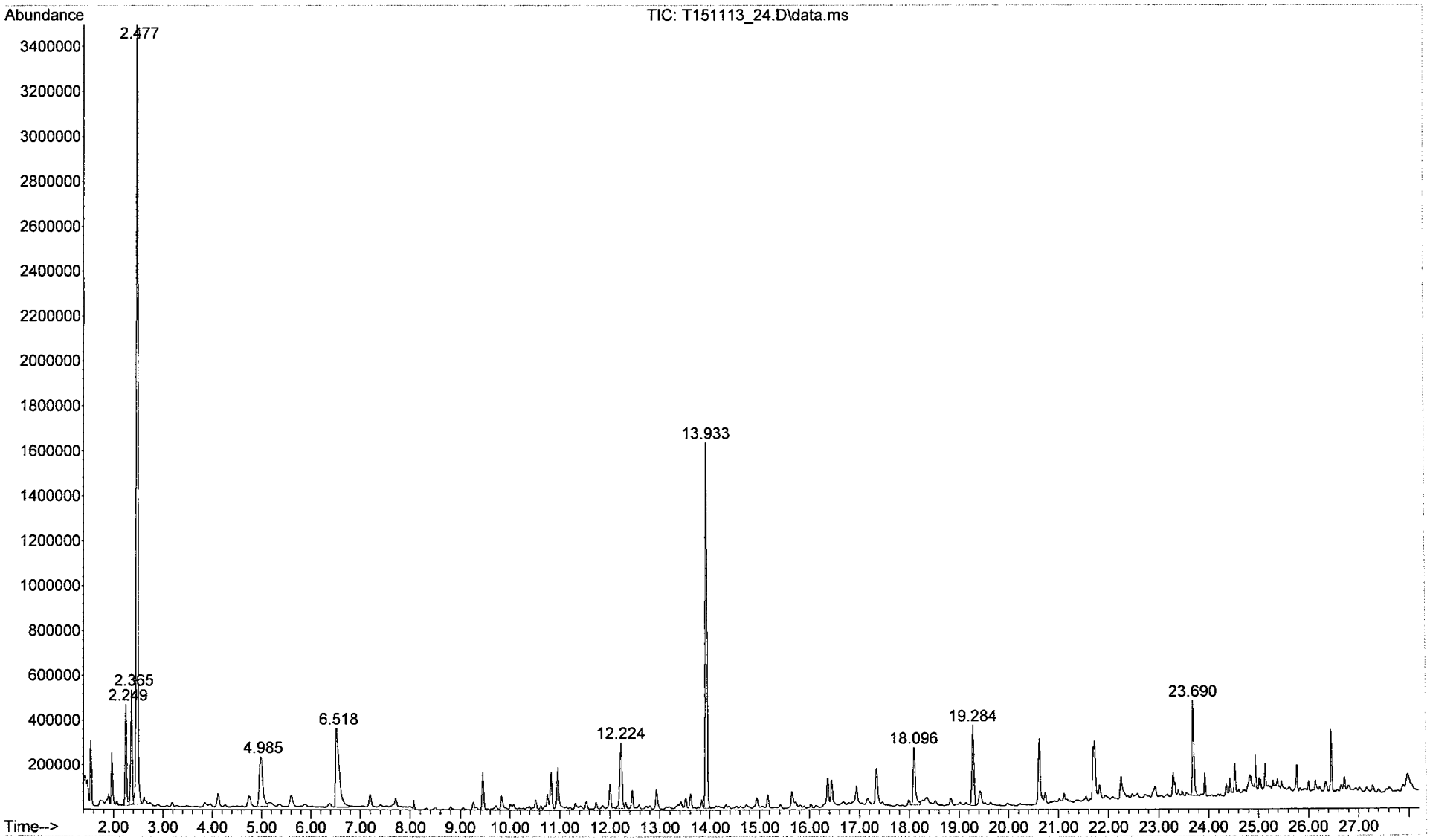
File :C:\msdchem\1\data\2015\Nov\T151113_22.D
Operator : rgill
Acquired : 14 Nov 2015 4:42 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-05; C6-05; 18333, 6.25L
Misc Info : Mi59939;107ngBFB;10:1 split
Vial Number: 22



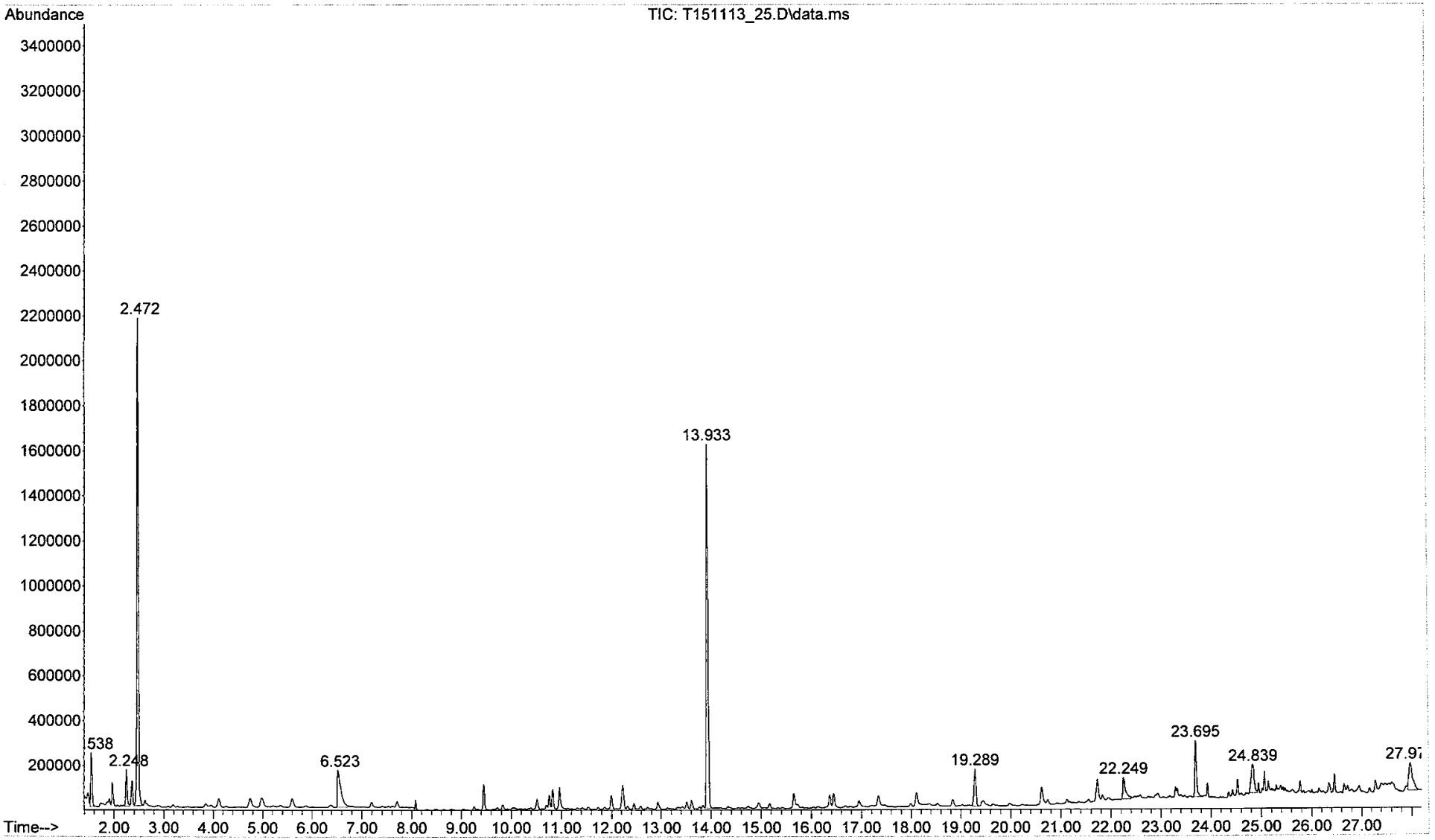
File :C:\msdchem\1\data\2015\Nov\T151113_23.D
Operator : rgill
Acquired : 14 Nov 2015 5:28 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-06; C6-06; 18448, 6.09L
Misc Info : Mi59926;107ngBFB;10:1 split
Vial Number: 23



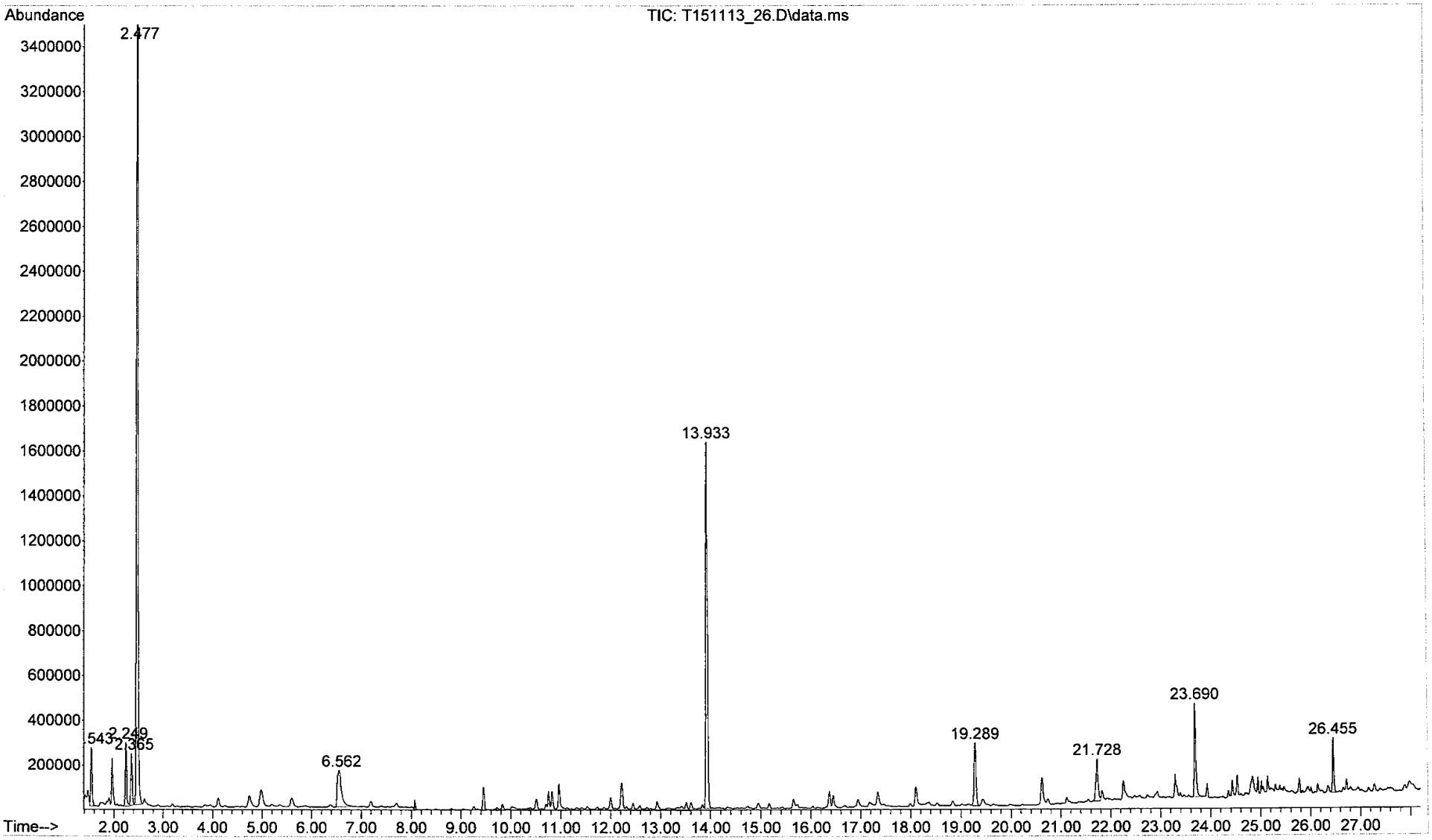
File :C:\msdchem\1\data\2015\Nov\T151113_24.D
Operator : rgill
Acquired : 14 Nov 2015 6:15 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-07; C6-07; 18163, 6.1L
Misc Info : Mi51135;107ngBFB;10:1 split
Vial Number: 24



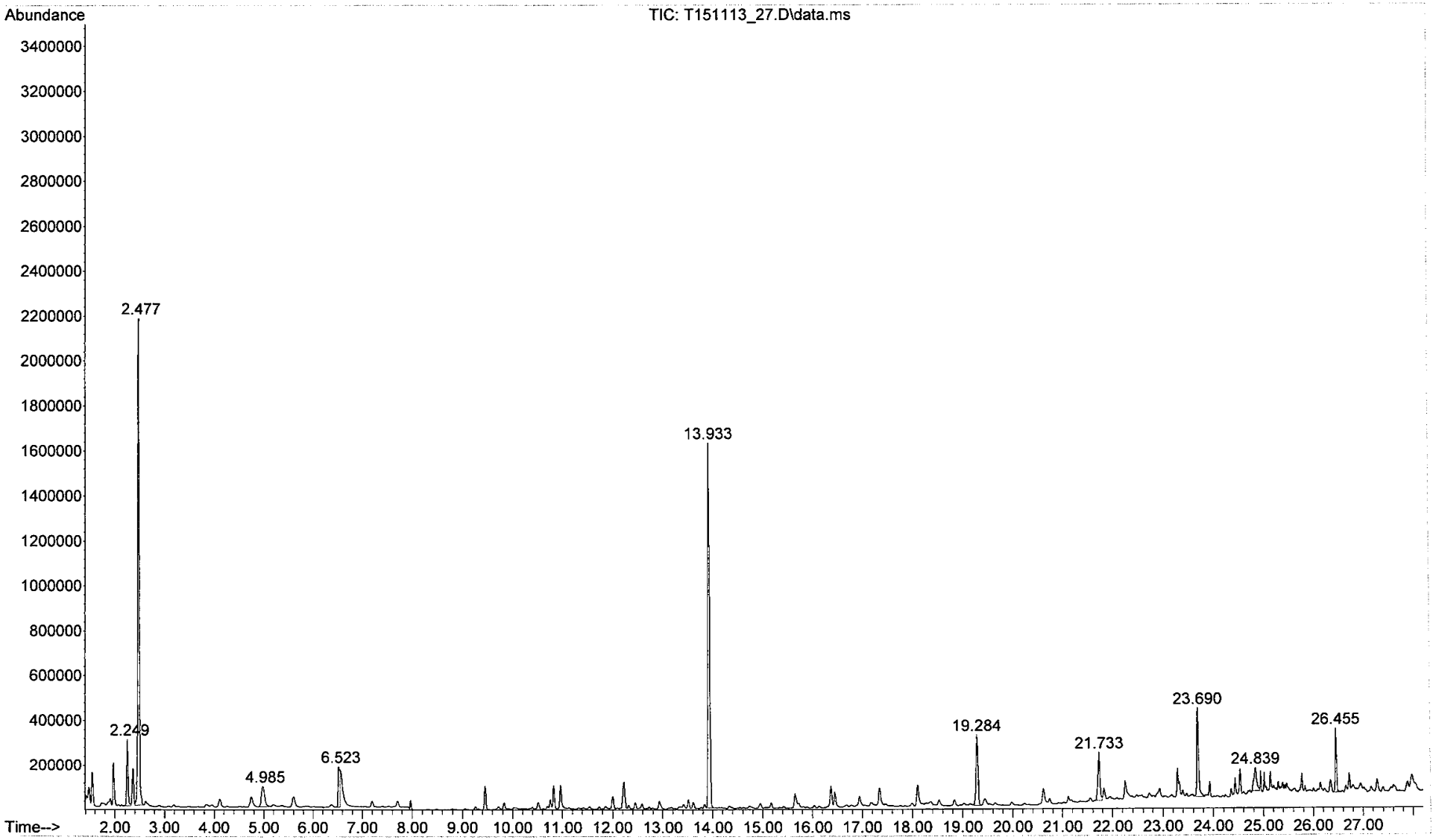
File :C:\msdchem\1\data\2015\Nov\T151113_25.D
Operator : rgill
Acquired : 14 Nov 2015 7:01 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-08; C6-08; 17362, 4.71L
Misc Info : Mi59933;107ngBFB;10:1 split
Vial Number: 25



File :C:\msdchem\1\data\2015\Nov\T151113_26.D
Operator : rgill
Acquired : 14 Nov 2015 7:48 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-09; C6-09; 17355, 4.66L
Misc Info : Mi588836;107ngBFB;10:1 split
Vial Number: 26



File :C:\msdchem\1\data\2015\Nov\T151113_27.D
Operator : rgill
Acquired : 14 Nov 2015 8:34 am using AcqMethod 130812VOC.M
Instrument : GCMS_7890
Sample Name: US EPA_061-026-10; C6-10; 17141, 4.71L
Misc Info : Mi51192;107ngBFB;10:1 split
Vial Number: 27



HCHO\JC061-026_EPA.XLS
Created 11/18/15, rgill

US EPA
Formaldehyde Analysis
Sequence 151117
Method FORMALDEHYDE.M

File	Sample ID	Rt min	Meas Conc ng/ul	Meas Mass ng	Volume L	Conc ng/L	Conc ppbv
151117\151117018.D	F6-01	5.295		323	51.49	6.3	5.1
151117\151117019.D	F6-02	5.298		422	51.88	8.1	6.6
151117\151117020.D	F6-03	5.296		454	51.63	8.8	7.2
151117\151117021.D	F6-04	5.296		428	55.24	7.8	6.3
151117\151117022.D	F6-05	5.296		352	59.69	5.9	4.8
151117\151117024.D	F6-06	5.298		401	57.15	7.0	5.7
151117\151117025.D	F6-07	5.297		398	57.15	7.0	5.7
151117\151117026.D	F6-08	5.299		245	45.61	5.4	4.4
151117\151117027.D	F6-09	5.296		288	45.61	6.3	5.1
151117\151117028.D	F6-10	5.300		292	44.34	6.6	5.4

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-01; C6-01; 19416, 5.38L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_18.D\data.ms	107	0.97	5.4	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3782018.0	1.000	110.3	20.5		bfb-Istd
23.70	746428.0	0.197	34.0	6.3		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-02; C6-02; 12333, 5.32L

11/18/2015, Rgill

	BFB(ng)	RF			
TIC: T151113_19.D\data.ms	107		0.97	5.3	
			Mass	**Conc.**	
RT	Area	RelResp	ng	ug/m3	CAS#	Compound
13.9	3721846.0	1.000	110.3	20.7		bfb-Istd
23.70	787238.0	0.212	36.8	6.9		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-03; C6-03; 12172, 5.3L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_20.D\data.ms	107	0.97	5.3	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3896487.0	1.000	110.3	20.8		bfb-Istd
23.70	888471.0	0.228	39.4	7.4		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-04; C6-04; 12414, 5.7L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_21.D\data.ms	107	0.97	5.7	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3771771.0	1.000	110.3	19.4		bfb-Istd
23.70	367913.0	0.098	17.7	3.1		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-05; C6-05; 18333, 6.25L

11/18/2015, Rgill

	BFB(ng)	RF			
TIC: T151113_22.D\data.ms	107		0.97	6.3	
			Mass	**Conc.**	
RT	Area	RelResp	ng	ug/m3	CAS#	Compound
13.9	3678682.0	1.000	110.3	17.6		bfb-Istd
23.70	958269.0	0.260	47.3	7.6		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-06; C6-06; 18448, 6.09L

11/18/2015, Rgill

	BFB(ng)	RF			
TIC: T151113_23.D\data.ms	107		0.97	6.1	
			Mass	**Conc.**	
RT	Area	RelResp	ng	ug/m3	CAS#	Compound
13.9	3833157.0	1.000	110.3	18.1		bfb-Istd
23.70	1097434.0	0.286	50.0	8.2		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-07; C6-07; 18163, 6.1L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_24.D\data.ms	107	0.97	6.1	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3803525.0	1.000	110.3	18.1		bfb-Istd
23.70	972197.0	0.256	46.5	7.6		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-08; C6-08; 17362, 4.71L

11/18/2015, Rgill

		BFB(ng)	RF			
TIC: T151113_25.D\data.ms		107	0.97	4.7		
			Mass	**Conc.**		
RT	Area	RelResp	ng	ug/m3	CAS#	Compound
13.9	3807516.0	1.000	110.3	23.4		bfb-lstd
23.70	580220.0	0.152	28.8	6.1		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-09; C6-09; 17355, 4.66L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_26.D\data.ms	107	0.97	4.7	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3751034.0	1.000	110.3	23.7		bfb-Istd
23.70	958167.0	0.255	49.2	10.6		Caprolactam

The mass for the UC compounds are calculated based on TIC using Toluene response factor.
TIC Unconfirmed
US EPA_061-026-10; C6-10; 17141, 4.71L

11/18/2015, Rgill

	BFB(ng)	RF		
TIC: T151113_27.D\data.ms	107	0.97	4.7	

RT	Area	RelResp	Mass ng	Conc. ug/m3	CAS#	Compound
13.9	3783042.0	1.000	110.3	23.4		bfb-Istd
23.70	938164.0	0.248	44.2	9.4		Caprolactam

061-026-01 5.38 litres
US EPA
Mi51174 collected: 11/10/2015
1;19416

061-026-02 5.32 litres
US EPA
Mi51152 collected: 11/10/2015
C6-02;12333

061-026-03 5.3 litres
US EPA
Mi51198 collected: 11/10/2015
C6-03;12172

061-026-04 5.7 litres
US EPA
Mi59936 collected: 11/10/2015
C6-04;12414

061-026-05 6.25 litres
US EPA
Mi59939 collected: 11/10/2015
C6-05;18333

061-026-06 6.09 litres
US EPA
Mi59926 collected: 11/10/2015
C6-06;18448

061-026-07 6.1 litres
US EPA
Mi51135 collected: 11/10/2015
C6-07;18163

061-026-08 4.71 litres
US EPA
Mi59933 collected: 11/10/2015
C6-08;17362

061-026-09 4.66 litres
US EPA
Mi58836 collected: 11/10/2015
C6-09;17355

061-026-10 4.71 litres
US EPA
Mi51192 collected: 11/10/2015
C6-10;17141

061-026-11 51.49 litres ✓
US EPA
F6-01 collected: 11/10/2015
19416

061-026-12 51.88 litres ✓
US EPA
F6-02 collected: 11/10/2015
12333

061-026-13 51.63 litres ✓
US EPA
F6-03 collected: 11/10/2015
12172

061-026-14 55.24 litres ✓
US EPA
F6-04 collected: 11/10/2015
12414

061-026-15 59.69 litres ✓
US EPA
F6-05 collected: 11/10/2015
18333

061-026-16 57.15 litres ✓
US EPA
F6-06 collected: 11/10/2015
18448

061-026-17 57.15 litres ✓
US EPA
F6-07 collected: 11/10/2015
18163

061-026-18 45.61 litres ✓
US EPA
F6-08 collected: 11/10/2015
17362

061-026-19 45.61 litres ✓
US EPA
F6-09 collected: 11/10/2015
17355

061-026-20 44.34 litres ✓
US EPA
F6-10 collected: 11/10/2015
17141

061-026-01 5.38 litres
US EPA
Mi51174 collected: 11/10/2015
1;19416

061-026-02 5.32 litres
US EPA
Mi51152 collected: 11/10/2015
C6-02;12333

061-026-03 5.3 litres
US EPA
Mi51198 collected: 11/10/2015
C6-03;12172

061-026-04 5.7 litres
US EPA
Mi59936 collected: 11/10/2015
C6-04;12414

061-026-05 6.25 litres
US EPA
Mi59939 collected: 11/10/2015
C6-05;18333

061-026-06 6.09 litres
US EPA
Mi59926 collected: 11/10/2015
C6-06;18448

061-026-07 6.1 litres
US EPA
Mi51135 collected: 11/10/2015
C6-07;18163

061-026-08 4.71 litres
US EPA
Mi59933 collected: 11/10/2015
C6-08;17362

061-026-09 4.66 litres
US EPA
Mi58836 collected: 11/10/2015
C6-09;17355

061-026-10 4.71 litres
US EPA
Mi51192 collected: 11/10/2015
C6-10;17141

061-026-11 51.49 litres
US EPA
F6-01 collected: 11/10/2015
19416

061-026-12 51.88 litres
US EPA
F6-02 collected: 11/10/2015
12333

061-026-13 51.63 litres
US EPA
F6-03 collected: 11/10/2015
12172

061-026-14 55.24 litres
US EPA
F6-04 collected: 11/10/2015
12414

061-026-15 59.69 litres
US EPA
F6-05 collected: 11/10/2015
18333

061-026-16 57.15 litres
US EPA
F6-06 collected: 11/10/2015
18448

061-026-17 57.15 litres
US EPA
F6-07 collected: 11/10/2015
18163

061-026-18 45.61 litres
US EPA
F6-08 collected: 11/10/2015
17362

061-026-19 45.61 litres
US EPA
F6-09 collected: 11/10/2015
17355

061-026-20 44.34 litres
US EPA
F6-10 collected: 11/10/2015
17141